A regular meeting of the State Board of Higher Education was held in Room 338, Michael J. Smith Memorial Center, Portland State University, Portland, Oregon.

The meeting was called to order at 9:00 A.M. (P.D.T.), July 22, 1975 by the President of the Board, Mr. John D. Mosser, and on roll call the following answered present:

Mrs. Jane H. Carpenter
Mrs. Elizabeth H. Johnson
Mr. Philip A. Joss
Mr. George H. Layman
Mr. Marc F. Maden
Miss Valerie McIntyre
Mr. W. Philip McLaurin
Mr. Louis B. Perry
Mr. Loran L. Stewart
Mr. John D. Mosser

Absent: Mr. George H. Corey was absent for business reasons.

OTHERS PRESENT

Centralized Activities--Chancellor R. E. Lieuallen; Secretary D. R. Larson; Mr. Freeman Holmer, Vice Chancellor for Administration; Mr. J. I. Hunderup, Vice Chancellor for Facilities Planning; Dr. Miles C. Romney, Vice Chancellor for Academic Affairs; Dr. E. Rex Krueger, Vice Chancellor for Educational Systems; Mr. W. T. Lemman, Jr., Vice Chancellor for Personnel Administration; Mr. Edward Branchfield, Assistant Attorney General; Mr. Keith Jackson, Budget Director; Mr. John L. Watson, Controller; Mr. John Richardson, Assistant to the Chancellor; Dr. Richard S. Perry, Director, Division of Administrative and Analytic Services; Dr. James Beaird, Director, Research Division; Miss Linda Gabrielson, Information Representative; Miss Wilma Foster, Assistant Board Secretary; Miss Francetta Carroll, Administrative Assistant; Mrs. Jan Lindsay, Administrative Assistant.

Oregon State University--President R. W. MacVicar.

University of Oregon--President William B. Boyd; Dr. Ray Hawk, Vice President for Administration and Finance.

University of Oregon Health Sciences Center--President Lewis W. Blumel, Jr.

Portland State University--President Joseph Blumel; Dr. Ken Harris, Director of the Budget; Dr. Richard E. Halley, Vice President for Academic Affairs; Mrs. Orcilia Forbes, Assistant Dean for Students; Mr. Robert J. Low, Assistant to the President.

Oregon College of Education--President L. W. Rice; Dr. Ronald Chatham, Assistant to the President; Mr. John Sparks, Director of Business Affairs.

Southern Oregon State College--Mr. Donald E. Lewis, Dean of Administration.

Eastern Oregon State College--President R. A. Briggs.

Oregon Institute of Technology--President W. D. Purvine.

Others--Dr. Terry K. Olson, Executive Director, Oregon Educational Coordinating Commission; Dr. Clem Lausberg, Research Coordinator, Oregon Educational Coordinating Commission; Miss Melissa Morris, Executive Assistant, FORE; Mrs. Maxine Warnath, Representative, State Federation AAUP; Mr. John Leahy, Assistant Attorney General; Dr. Frank S. Giese, former Professor of French, Portland State University; Mr. Jonathon Ater, Attorney representing Dr. Frank S. Giese; Dr. Victor C. Dahl, Chairman, Interinstitutional Faculty Senate.
Meeting #425-2

MINUTES
APPROVED

CHANCELLOR'S
REPORT

Policy on
Assignment of
Indefinite
Tenure to
Administrators

The Board voted to dispense with the reading of the minutes of the regular Board meeting held on May 20 and June 24, 1975, and also the minutes of the Emergency meeting held on July 3, 1975, and approved them as previously distributed.

The Chancellor said that when the Board's Office, on May 22, 1973, reported to the Board on faculty tenure, it was indicated that, at a later date, recommendations would be submitted for changes in the practice of assigning indefinite tenure to administrators.

Although the details of the recommended changes are not yet drafted, it has been decided, effective now, to limit any future indefinite tenure recommendations to those persons who can qualify for indefinite tenure in one of the System's scholarly divisions.

In other words, no indefinite tenure recommendations will be submitted for persons occupying administrative posts unless they also establish roots in a scholarly division.

It is expected the term "scholarly division" will be defined further but, for the present, the term is intended to include all the instructional and research departments and divisions, libraries, and the counseling centers.

Appropriate Administrative Rule changes designed to accomplish this objective will be developed soon and submitted to the Board for consideration.

The chief administrators in the Board's Office are reviewing tenure status with each of the academic staff members reporting to them with the objective of placing those staff members on term appointments rather than on tenure. It is expected that administrators who already have been granted indefinite tenure may retain that status unless they elect to move to a term appointment.

The presidents are conducting similar reviews.

It is the present intent to propose a rule which will provide one year appointments, with one year notice of non-renewal, for those persons reporting directly to the Chancellor and to the presidents. This tentative proposal is formulated on the assumption that persons accepting positions at these levels do so with self-confidence and would not wish, in any event, to fall back on tenure for purposes of job security. Furthermore, these positions should be subject to possible change, within a year, when a new chancellor or a new president takes office.

It is assumed that any of the administrators referred to above would be eligible for consideration for indefinite tenure in a scholarly division.

In the meantime, to reduce the likelihood of a personal conflict of interest being alleged, the Chancellor recommended that the Board act during the meeting to change his appointment from "with indefinite tenure" to "at the discretion of the Board."

Board Discussion and Action

The Board approved the Chancellor's recommendation as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Stewart. The President, Mr. Mosser, did not cast a vote.

Retirement of
W. D. Purvine,
OIT

The Chancellor reported that President Winston D. Purvine of Oregon Institute of Technology had requested that his retirement be effective August 1, 1976, approximately 11 months prior to the normal retirement date. President Purvine has also requested assignment to a part-time professorial position, not to exceed the 600-hour rate during the remaining 11 months to perform duties which might be specified by the new administration.
The Chancellor stated that President Purvine has served as President of Oregon Institute of Technology since it was founded in 1947, a record matched by few persons in American higher education. The Chancellor commended Dr. Purvine's leadership and noted that he has been asked to accept a part-time assignment with the Engineering Council for Professional Development in connection with its accreditation committee for engineering technology.

The Chancellor recommended that the Board approve the request of President Purvine to retire effective July 31, 1976, and that the Chancellor be authorized to work out with the new administration an appropriate part-time assignment within the limitations described. The Chancellor said that if the Board approved the recommendation he would then establish a committee to select a successor for President Purvine.

The Board approved the recommendations of the Chancellor as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Stewart. The President, Mr. Mosser, did not cast a vote.

Staff Recommendations to the Committee

It was recommended that the Board take the following actions with respect to sick leave with pay for academic staff:

1. Affirm the action of the Chancellor taken August 20, 1973, in which he formally adopted a sick leave plan for academic staff consistent with AR 41.060;

2. Make a finding that failure to act promptly will seriously prejudice the interests of the parties concerned; and

3. Adopt temporary rule AR 41.061 described below.

If academic staff members are to receive the benefits of Chapter 203, Oregon Laws 1975 (HB 3206), it is necessary for the Board to take the actions recommended above before July 27, 1975, (60 days following the effective date of the Act).

The 1975 Act amends the statute adopted in 1973 which provided that any public employer may "...request that its employees be compensated for accumulated unused sick leave [with pay] in the form of increased retirement benefits..." The Department of Higher Education made such a request and employees retiring since July 1973 have enjoyed the benefit. Because the language of the statute was vague and ambiguous in some respects, amendments were adopted in 1975. The significant amendments are quoted below:

2. Accumulated unused sick leave, with pay may be considered for the purpose of subsection (l) of this section only in accordance with the following requirements:

(a) Sick leave not credited at the rate actually provided by the public employer may not be considered. The amount of sick leave exceeding an amount credited at the lowest rate in effect for any employee of the public employer who is normally entitled to sick leave, and in any event exceeding an amount credited at a rate of eight hours for each full month worked, may not be considered.

(b) Sick leave credited for periods when an employee was absent from employment on sabbatical leave, educational leave or any leave without pay may not be considered.

(c) Any period during which an employee was absent from employment for illness or injury that was charged against sick leave not qualified for consideration shall be deducted from sick leave qualified for consideration.
(d) Sick leave for any period for which the public employer provides no sick leave with pay for its employees may not be considered.

(e) Sick leave accumulated on and after July 1, 1973, may be considered only to the extent it is supported by records of accumulation and use pursuant to a plan adopted formally by the public employer.

(f) Where the public employer provided sick leave before July 1, 1973, but formal records of accumulation and use were not required or if required, are unavailable or incomplete, or the sick leave was subject to administrative limitations on total accumulation or transfer between public employers, accumulated unused sick leave for periods before July 1, 1973, may be considered as equal to 2.675 hours for each full month worked, but reduced by the amount of any accumulated unused sick leave credited to an employee on July 1, 1973.

Concerning sub-section (f), academic staff members have been granted sick leave with pay since January 27, 1936. Full-time academic staff members employed during the period February 1, 1936, through June 30, 1973, are entitled to be credited with 2.675 hours of unused accumulated sick leave for each full month (or major fraction thereof) worked during this period of time.

With respect to sub-sections (a), (c), (d) and (e), academic staff members have been credited with 8 hours per month since July 1, 1973, and use of sick leave has been reported and recorded. This action was taken after passage of the 1973 Act. Institutions were instructed by a letter from the Chancellor to Institutional Executives dated August 20, 1973.

Action is being taken to conform our records and policy to the requirements of sub-section (b).

In order to remove any doubt concerning its formal adoption and to amplify the plan previously promulgated by the Chancellor, it was recommended that the Board adopt the following temporary rule:

**AR 41.061**

All full-time academic staff will be credited with eight hours of sick leave for each full month of service or major fraction thereof. Part-time academic staff employed .50 FTE or more will be credited a prorate amount for each full month of service or major fraction thereof. No credit shall be given during periods of sabbatical leave, educational leave or leave without pay.

Academic staff who have earned sick leave credits shall be eligible to use such credits for any period of absence from service which is due to the employee's illness, bodily injury, disability resulting from pregnancy, necessity for medical or dental care or attendance upon members of the employee's immediate family (employee's parents, spouse, children, brother, sister or member of the immediate household) where employee's presence is required because of illness or death in the immediate family of the employee or the employee's spouse.

At the time and in the manner prescribed by the Chancellor, each academic employee covered by these provisions shall certify to the officer designated the amount of sick leave earned and the amount of sick leave with pay utilized. Sick leave records will be maintained in an appropriate file for each staff member until separation or retirement, whichever first occurs.
Academic staff members who have less than 520 hours of earned unused sick leave may be advanced the difference between earned unused sick leave and 520 hours when the need arises. As sick leave is earned, the amount shall replace any sick leave advanced until all advanced time is replaced with earned time. The purpose of this provision is to assure academic staff members of at least 90 calendar days of sick leave with pay at all times. Unused advanced sick leave may not be considered for purposes of retirement benefits. There shall be no limitations on the amount of earned sick leave which can be accumulated.

Board Discussion and Action

In response to a question from Mr. Mosser concerning the variations in terminology in the report, Mr. Lemman said eight hours had been used in the recommendation to conform to statutory requirements; the references to working days and calendar days were based on a required five-day work week.

The Board approved the three staff recommendations as presented, including the adoption of temporary rule AR 41.061, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Perry.

Those voting no: Director Stewart.

The President, Mr. Mosser, did not cast a vote.

Mr. Mosser declared the recommendations approved and temporary rule AR 41.061 duly adopted.

President Mosser said the time had arrived for the hearing set on the appeal of Dr. Frank S. Giese from the order of President Blumel terminating him as a faculty member at Portland State University. He asked Board members to indicate whether they had read the record of the case which had been circulated to Board members. Directors Carpenter, Joss, Maden, McIntyre, McLaurin, Perry, Stewart, and Mosser said they had read the record. Directors Johnson and Layman had not. Mr. Branchfield said that attorneys for Dr. Giese and Portland State University had been notified that approximately 15 minutes each would be allowed for their formal presentations.

Mr. Jonathan A. Ater, the attorney representing Dr. Giese, said the case is somewhat constrained by the tenure policy and the principles behind it. The Board's rules also impose certain limitations in terms of burden of proof, evidence, and the rights and responsibilities of faculty members.

Mr. Ater said Dr. Giese is one of the most distinguished academicians on the faculty of Portland State University. He was employed with the promise of tenure and a full professorship, he has published widely and is a respected academician. Mr. Ater said there had been discussion at the time of the faculty hearing committee that the principal concern of an academic institution and its governing body should be the fitness of a faculty member to discharge his duties to the institution. The purpose is not to punish or pass a moral judgment, particularly concerning something which has happened outside the academic institution.

Mr. Ater said the rationale of President Blumel and the Chancellor at the hearing was that the basis of the conviction of Dr. Giese was so morally outrageous that he should be removed from the faculty because his continued employment was damaging to the institution and he might set a poor example for young people. He said this approach may have some validity in some instances, but he asked the Board to consider carefully its application to Dr. Giese at this time and in these circumstances.
Mr. Ater stated that Dr. Giese was a counselor at the Oregon State Correctional Institution. His present legal problems resulted from the fact that certain of the individuals from the institution were again in difficulty after their release. He said Dr. Giese had been associated with them and was charged with conspiring with them, that Dr. Giese has maintained his innocence at all times and is appealing his conviction, and that there are substantial questions which arise, as one studies the indictment and the court proceedings, as to whether the conviction will stand. This raises the question of the point at which an academic institution should attempt to disassociate itself from the faculty member, he said the record indicated that Dr. Giese is a dedicated teacher and scholar who continued to discharge his responsibilities even during his own trial.

Mr. Ater noted that President Blumel has made it clear that if Dr. Giese is successful in his appeal to have the conviction overturned, Dr. Giese will be reinstated. Mr. Ater said the only real evidence to support the termination of Dr. Giese is the opinion testimony of the Chancellor to the effect that a man who has been convicted of a felony is unfit to teach. However, the Board's Administrative Rules indicate sanctions may be imposed but not that they must be imposed. Other licensing laws of the State of Oregon say that evidence of a felony is to be considered but surrounding circumstances must also be taken into account.

Mr. Ater then asked the Board to read the indictment and consider the present status of the case. Dr. Giese was charged with six counts, five of which were substantive criminal offenses, such as bombing recruiting stations, possessing firearms, etc. The jury acquitted Dr. Giese of these charges. He was convicted of a conspiracy charge which stated that Dr. Giese and certain other people conspired to commit offenses against the government by committing certain overt acts. However, the overt acts were the things of which he was acquitted by the jury. Mr. Ater said the faculty hearing committee found there was at the most peripheral involvement and recommended that some sanction less than termination be imposed pending the decision on the appeal.

Mr. Ater said a number of conspiracy cases have occurred during the past ten years, many of which have resulted in the acquittal of those charged. He said there was a reasonable chance this might occur in the case of Dr. Giese, but in the meantime he will have been irreparably damaged by what has happened to his professional career.

Mr. Ater submitted a letter from Judge James M. Burns of the U. S. District Court in Portland. Judge Burns enclosed a letter from Mr. Lynn B. Meyer, a government witness in the trial. Mr. Ater said the letter from Mr. Meyer raised questions which could result in the dismissal of the case.

Mr. Mosser asked Mr. John Leahy, Assistant Attorney General representing the administration of Portland State University, if he had any objections to including the letter as a part of the record as evidence subsequent to the prior hearing.

Mr. Leahy said he did not object on that ground but on the grounds that the validity of the criminal conviction in the U. S. District Court was not before the Board and it was irrelevant.

Mr. Layman said the presentation seemed to be based on two points--that the sanction of dismissal should not be imposed because of the general circumstances involved in the case and also because dismissal was premature because the case had not been finally determined in the courts on appeal or possible retrial.

Mr. Ater said he always had stated that termination was premature. In addition, he said there was an absence of any evidence which would justify termination under the Board's rules.
Mr. Layman said the conviction would be cause for termination under the Board's rules although termination might be premature while the case is on appeal.

Mr. Ater said there is precedent both at Portland State University and elsewhere to the effect that a felony does not automatically justify termination.

The Board also discussed the length of time which might be involved in the appeal of the case and the implications of lengthy court proceedings with respect to the Board's decision on termination.

Mr. Ater said there was no issue about the conviction but the issue before the Board was the fitness of Dr. Giese as an academician and this question required consideration of the circumstances of the conviction. He said Dr. Giese was convicted of a crime which was somewhat questionable, was acquitted of the serious substantive offenses, his conviction is on appeal and he denies his guilt, and further there is additional evidence concerning the trial itself.

Mr. Leahy said the issue before the Board was whether Dr. Giese, who had been convicted of a crime in the U. S. District Court in the District of Oregon, was fit to be an academic faculty member at Portland State University. Mr. Leahy read portions of the indictment. He stated that conspiracy to commit an act of destruction was inconsistent with commitment to persuasion, rational discourse and the rule of law which the university had a right to expect of a member of the faculty and the community had a right to expect of the university. The record as it now exists indicates that Dr. Giese has been found by a trial jury to have conspired to engage in violence, terrorism, and disruption. He said such a person was not a person who has sufficient respect for academic value, sufficient commitment to persuasion and rational discourse, and to the rule of law to become and maintain himself as a faculty member at Portland State University.

Mr. Layman asked Mr. Leahy whether in considering the findings of the faculty committee the Board should give considerable weight to the recommendation of that committee.

Mr. Leahy responded that the Board should consider everything in the record. He said the judgment made by President Blumel was based essentially upon the same findings as those used by the faculty committee in reaching its decision. He said the conclusion of the faculty committee was a conclusion that does not follow from the findings that it made. President Blumel adopted in essence the findings of the faculty committee but reached a different conclusion as a result of those findings.

Mr. Leahy said termination from the faculty of Portland State University was not a punishment but a judgment as to whether Dr. Giese maintained sufficient academic value in addition to his technical competence to be retained as a faculty member.

Mr. Layman said he questioned the timing because the termination rested on the District Court conviction which is on appeal and may be reversed. He said if the appeal were upheld, the Board might then be in an awkward position if Dr. Giese had been terminated.

Mr. Leahy said the conviction was entered as a matter of law. He said the issue to be decided on appeal was not whether there was a mistake of fact made by the jury but whether the judge may have erred as a matter of procedure or substantive law during the course of the trial. If there were a reversal of the conviction on appeal, the decision of President Blumel ought to be reconsidered. However, Mr. Leahy said he did not suggest that the fact of a reversal would automatically mean there was no basis for the judgment of President Blumel.

The Board then considered alternatives to upholding the termination and whether Dr. Giese should be reinstated automatically if his conviction were reversed. The Board discussed the possibility of suspension with or without pay, the length of time required for possible court appeals, the possibility of imposing a lesser sanction than termination, and the relationship of academic freedom to the case in question.
During rebuttal, Mr. Ater pointed out that there may have been an unreliable witness or some government misconduct in the trial. He also stated again that Dr. Giese was convicted of conspiracy to commit offenses against the United States and was acquitted of the substantive counts of bombing and other acts of violence. Mr. Ater said only a few of the alleged overt acts involved Dr. Giese and those which did revolved around the bombing incident of which he was acquitted.

Mr. Ater said "when you get through with this indictment, Dr. Giese is alleged to have had a meeting at his farm in Sandy, Oregon, on June 13, 1973, and to have been at the residence of Ira Keller on December 12, 1972. Those are the only overt acts left in the conspiracy count, if you assume that the jury which acquitted him on the substantive counts could not have found him guilty of the same overt acts under the conspiracy."

Mr. Ater also pointed out that the Board's Administrative Rules contemplate a range of sanctions and have different causes for imposing sanctions, of which conviction of a felony is one. He said if there is an acquittal, there is no cause left for termination.

Upon motion by Mr. Layman, the Board voted to take the matter under advisement until the next regular or special meeting of the Board. Those voting in favor of the motion were: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Perry. Those voting no: Director Stewart.

Later in the meeting, Mr. Mosser said that because there would be changes in the Board membership in the near future, it seemed prudent to rule on the Giese case rather than deferring action to the next regular or special Board meeting. He asked Mr. Layman whether he had sufficient time during the noon hour to read the record in the case.

Mr. Layman indicated that he had read the record to a degree and was prepared to vote.

Mr. Mosser said two questions were before the Board, (1) whether to support the decision that conviction of the particular offense of which Dr. Giese was convicted, if ultimately sustained, warranted the sanction of termination as determined by President Blumel; and (2) whether that termination should be effective immediately in accordance with the decision of President Blumel, or deferred until the results of the appeal are determined.

Mr. Stewart moved that the Board support the action of President Blumel. He said with respect to the suspension without pay there would be no difference in the circumstances because President Blumel's letter to Dr. Giese indicated that he would support his reinstatement if the appeal were successful. Mr. Stewart read the following paragraph from President Blumel's letter:

"As you undoubtedly know, under the provisions of AR 41.375 you have the right of appeal to the Board of Higher Education. With respect to your conviction in District Court, you have advised that it is on appeal to the U. S. Circuit Court of Appeals. If that appeal is successful and the final court determination is that you are not guilty, there would, in my opinion, no longer exist a basis for the imposition of sanction and I would support your reinstatement with full rights and benefits."

Mr. Layman said he did not favor the motion. He said if the conviction were upheld in federal court as a conspiracy involving violence or threat of violence, that the termination action would be proper. He said, in his opinion, termination was premature and unnecessary until the conviction was upheld because the action of President Blumel was based entirely on the conviction. Mr. Layman said there
was no finding that Dr. Giese was a clear and present danger in the classroom or to the students. If the conviction is reversed and the Board has terminated a man who is on tenure, it has done him considerable damage. Since the conviction itself is serious, the same practical result would be obtained by putting him on suspension without pay until determination of the appeal. If the conviction were overturned and reversed, his suspension would end but he would not have had his tenured position terminated.

Mr. Layman said the middle ground of suspension without pay would accomplish everything the administration of Portland State University intended without the grave risk of doing great harm to a man’s career. This would be a sensible compromise and would not be, in effect, casting any reflections on the judgment of the president.

Mr. Layman then moved that the Board direct that Dr. Giese be suspended without pay pending determination of his appeal.

Mr. Joss said he would oppose the substitute motion because the Administrative Rules place the responsibility for making such decisions on the president of the institution. In the absence of arbitrary or capricious action on the part of a president, or unless there is a violation of the Board’s rules or law, Mr. Joss said it was the Board’s responsibility to support the decision of the president.

Mr. Maden said he would support the substitute motion because, in his opinion, it was not substituting the Board’s judgment for that of President Blumel. He said the Board generally concurs in that decision. However, he said the Board should await the final determination of the court.

Miss McIntyre and Mr. McLaurin indicated they would support the substitute motion.

The Board then defeated Mr. Layman’s substitute motion by a tie vote. Directors Carpenter, Layman, Maden, McIntyre, and McLaurin voted in favor and Directors Johnson, Joss, Perry, Stewart, and Mosser were opposed.

Mr. Mosser said he had voted no because if the conviction were upheld, it would then be necessary to reconsider whether the sanction should be termination. Mr. Mosser said he would support a motion for suspension with termination to follow conviction, and reinstatement to follow the overturning of the conviction, because such a motion would provide for a final disposition of the matter.

Mr. Layman moved that the sanction be changed to suspension without pay awaiting the outcome of any appeal or other proceedings to overturn the conviction of Dr. Giese. It was understood that if the conviction were ultimately upheld, Dr. Giese would be terminated; if it were not upheld, he would be reinstated with full benefits.

Mrs. Johnson said she would oppose this substitute motion because the Board had clearly delegated the responsibility for making these judgments to the president of the institution who acted upon the facts.

Mr. Mosser said that legal counsel had raised the question of whether any suspension can be effective for more than one year without pay. It is conceivable that more than one year could be required to resolve the matter in the courts.

Directors Layman, Maden, McIntyre, McLaurin, and Mosser voted in favor of the motion. Directors Carpenter, Johnson, Joss, Perry, and Stewart were opposed. Mr. Mosser declared the motion passed pending further information concerning the legality of a suspension without pay for a period longer than one year.
Later in the meeting, Mr. Mosser reported that legal counsel had determined the suspension without pay for a period of more than one year was not permitted by the Board's rules. Mr. Mosser therefore ruled that the second substitute motion by Mr. Layman was out of order. Mr. Mosser also stated that the letter from President Blumel to Dr. Giese was expressing the intent of the substitute motion and that Mr. Stewart's original motion was placing reliance on the statement by President Blumel that reinstatement would be appropriate if the conviction were subsequently overturned.

The Board then approved Mr. Stewart's motion that the Board support the action of President Blumel in the termination of Dr. Giese.

Directors Carpenter, Johnson, Joss, Maden, and Stewart voted in favor and Directors Layman, McIntyre, and McLaurin were opposed. Mr. Perry was absent from the meeting at this time. The President, Mr. Mosser, did not cast a vote.

Mr. Layman said the only basis for his negative vote was that the action was premature before the appeal is determined.

Acceptance of Bid for $8,000,000 State of Oregon, State Board of Higher Education Building Bonds, Series 1975 C, Article XI-F(1)

The Vice Chancellor for Administration reported that at 8:30 A.M., Pacific Daylight Time, on July 22, 1975, four sealed bids were received, pursuant to an advertisement authorized by the Board of Higher Education at its regular meeting on June 24, 1975, for the proposed sale of $8,000,000 State of Oregon, State Board of Higher Education Building Bonds, Series 1975 C. Present were Mr. James C. George of the State Treasury Department; and Mr. Richard D. Roberts of Rankin, Walsh, Ragen & Roberts, Bond Attorneys. The bonds were to be sold at a price of not less than $98 for each $100 par value thereof. Bids received for the bonds were as follows:

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<th>Name of Bidder</th>
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<td>1990-1992</td>
<td>6.25%</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1995-2005</td>
<td>6.50%</td>
<td>$8,701,425.00</td>
<td>$159,688.20</td>
<td>$8,861,113.20</td>
<td>6.4809%</td>
<td></td>
</tr>
</tbody>
</table>
Following the reading of the bids, the Vice Chancellor for Administration indicated that the most favorable bid was that of The Oregon Bank; The Chase Manhattan Bank, N.A.; Dillon, Read Municipal, Division of Dillon, Read & Co., Inc.; Blyth, Eastman Dillon & Co.; Merrill Lynch, Pierce, Fenner & Smith, Inc.; Southeast First National Bank of Miami; First Pennco Securities, Inc.; Crocker National Bank; A. G. Becker & Co., Municipal Securities, Inc.; Baird, Patrick & Co.; and Schroder Trust Co. with a total net interest cost of $8,836,294.45 and an effective interest rate of 6.4628 percent per annum. He also stated that the bonds were to be in denominations of $5,000.

It was recommended that the low bid be accepted by adoption of the following resolution:

RESOLUTION

BE IT RESOLVED that the EIGHT MILLION DOLLARS ($8,000,000) STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1975 C, sold to The Oregon Bank; The Chase Manhattan Bank, N.A.; Dillon, Read Municipal, Division of Dillon, Read & Co., Inc.; Blyth, Eastman Dillon & Co.; Merrill Lynch, Pierce, Fenner & Smith, Inc.; Southeast First National Bank of Miami; First Pennco Securities, Inc.; Crocker National Bank; A. G. Becker & Co., Municipal Securities, Inc.; Baird, Patrick & Co.; and Schroder Trust Co. at 98.328 per $100 on the 22nd day of July, 1975, be issued to bear date the fifteenth day of July, 1975; to bear interest at the rate of 5.70 percent per annum for the bonds of the issue maturing on January 15, 1977 to 1984 inclusive, at the rate of 5.80 percent per annum for the bonds of the issue maturing on January 15 of the year 1985, at the rate of 5.90 percent per annum for the bonds of the issue maturing on January 15 of the year 1986, at the rate of 6.00 percent per annum for the bonds of the issue maturing on January 15 of the year 1987, at the rate of 6.10 percent per annum for the bonds of the issue maturing on January 15 of the year 1988, at the rate of 6.20 percent per annum for the bonds of the issue maturing on January 15 of the year 1989, at the rate of 6.25 percent per annum for the bonds of the issue maturing on January 15 of the year 1990, at the rate of 6.30 percent per annum for the bonds of the issue maturing on January 15, 1991 to 1992 inclusive, at the rate of 6.40 percent per annum for the bonds of the issue maturing on January 15 of the years 1993 to 1994 inclusive, at the rate of 6.50 percent per annum for the bonds of the issue maturing on January 15 of the years 1995 to 2005 inclusive; and
Acceptance of Bid for $6,000,000 State of Oregon, Community College and Education Center Bonds, Series 1975 E, Article XI-G

BE IT FURTHER RESOLVED that the bonds be issued to mature serially on the dates provided in the resolution of the Board duly adopted at the regular meeting of the Board duly and legally held on June 24, 1975, and that both the principal of and interest upon the bonds be paid at the Fiscal Agency of the State of Oregon, in the City and State of New York; and

BE IT FURTHER RESOLVED that the said bonds and coupons annexed thereto be executed in the form prescribed in the resolution adopted by the Board at the June 24, 1975 meeting; and

BE IT FURTHER RESOLVED that the bonds be in denominations of $5,000, as provided in the resolution adopted by the Board at the June 24, 1975 meeting; and

BE IT FURTHER RESOLVED that the June 24, 1975 resolution of the Board authorizing the issuance of said bonds, and all acts performed by the Board in adopting the said resolution, and by the Secretary of the Board and the Vice Chancellor for Administration in connection with the issuance and sale of the said bonds, including the notice of bond sale and its publication in Oregon on July 2, 1975 and July 9, 1975, be and they hereby are fully approved, ratified, and confirmed.

BE IT FURTHER RESOLVED that functions of the Secretary of the Board in preparing and providing of transcript material, and other actions relating to the bond issue shall be performed by the Secretary of the Board or by the Assistant Secretary of the Board; and correspondingly, functions of the Vice Chancellor for Administration shall be performed by the Vice Chancellor for Administration or by his Administrative Assistant.

It was moved by Director Layman that the Board accept the low bid and adopt the proposed resolution. The President of the Board stated that it had been moved that the Board accept the low bid as indicated and adopt the proposed resolution.

On roll call vote the Board voted on the adoption of the motion as follows:

Those voting yes: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Mosser. Mr. Stewart was absent from the meeting at this time.

Those voting no: None.

The President of the Board declared said motion duly adopted by a unanimous vote.

The Vice Chancellor for Administration reported that at 8:30 A.M., Pacific Daylight Time, on July 22, 1975, two sealed bids were received, pursuant to an advertisement authorized by the Board of Higher Education at its regular meeting on June 24, 1975, for the proposed sale of $6,000,000, State of Oregon, Community College and Education Center Bonds, Series 1975 E. Present were Mr. James C. George of the State Treasury Department; and Mr. Richard D. Roberts of Rankin, Walsh, Ragen & Roberts, Bond Attorneys. The bonds were to be sold at a price of not less than $100 for each $100 par value thereof. Bids received for the bonds were as follows:
Following the reading of the bids, the Vice Chancellor for Administration indicated that the most favorable bid was that of Bankers Trust Company and Associates with a total net interest cost of $8,134,287.79 and an effective interest rate of 6.81349 percent per annum. He also stated that the bonds were to be in denominations of $5,000.

It was recommended that the low bid be accepted by adoption of the following resolution:

RESOLUTION

BE IT RESOLVED that the SIX MILLION DOLLARS ($6,000,000) STATE OF OREGON, COMMUNITY COLLEGE AND EDUCATION CENTER BONDS, SERIES 1975 E, sold to Bankers Trust Company and Associates at 100.005016 per $100 on the 22nd day of July, 1975, be issued to bear date the fifteenth day of July, 1975; to bear interest at the rate of 6.50 percent per annum for the bonds of the issue maturing on January 15, 1978 to 1982 inclusive, at the rate of 6.70 percent per annum for the bonds of the issue maturing on January 15, 1983 to 1996 inclusive, at the rate of 6.75 percent per annum for the bonds of the issue maturing on January 15 of the year 1997, at the rate of 6.80 percent per annum for the bonds of the issue maturing on January 15, 1998 to 1999 inclusive, at the rate of 6.90 percent per annum for the bonds of the issue maturing on January 15 of the years 2000 to 2005 inclusive; and

BE IT FURTHER RESOLVED that the bonds be issued to mature serially on the dates provided in the resolution of the Board duly adopted at the regular meeting of the Board duly and legally held on June 24, 1975, and that both the principal of and interest upon the bonds be paid at the Fiscal Agency of the State of Oregon, in the City and State of New York; and

BE IT FURTHER RESOLVED that the said bonds and coupons annexed thereto be executed in the form prescribed in the resolution adopted by the Board at the June 24, 1975 meeting; and

BE IT FURTHER RESOLVED that the bonds be in denominations of $5,000, as provided in the resolution adopted by the Board at the June 24, 1975 meeting; and

Following the reading of the bids, the Vice Chancellor for Administration indicated that the most favorable bid was that of Bankers Trust Company and Associates with a total net interest cost of $8,134,287.79 and an effective interest rate of 6.81349 percent per annum. He also stated that the bonds were to be in denominations of $5,000.

It was recommended that the low bid be accepted by adoption of the following resolution:

RESOLUTION

BE IT RESOLVED that the SIX MILLION DOLLARS ($6,000,000) STATE OF OREGON, COMMUNITY COLLEGE AND EDUCATION CENTER BONDS, SERIES 1975 E, sold to Bankers Trust Company and Associates at 100.005016 per $100 on the 22nd day of July, 1975, be issued to bear date the fifteenth day of July, 1975; to bear interest at the rate of 6.50 percent per annum for the bonds of the issue maturing on January 15, 1978 to 1982 inclusive, at the rate of 6.70 percent per annum for the bonds of the issue maturing on January 15, 1983 to 1996 inclusive, at the rate of 6.75 percent per annum for the bonds of the issue maturing on January 15 of the year 1997, at the rate of 6.80 percent per annum for the bonds of the issue maturing on January 15, 1998 to 1999 inclusive, at the rate of 6.90 percent per annum for the bonds of the issue maturing on January 15 of the years 2000 to 2005 inclusive; and

BE IT FURTHER RESOLVED that the bonds be issued to mature serially on the dates provided in the resolution of the Board duly adopted at the regular meeting of the Board duly and legally held on June 24, 1975, and that both the principal of and interest upon the bonds be paid at the Fiscal Agency of the State of Oregon, in the City and State of New York; and

BE IT FURTHER RESOLVED that the said bonds and coupons annexed thereto be executed in the form prescribed in the resolution adopted by the Board at the June 24, 1975 meeting; and

BE IT FURTHER RESOLVED that the bonds be in denominations of $5,000, as provided in the resolution adopted by the Board at the June 24, 1975 meeting; and
BE IT FURTHER RESOLVED that the June 24, 1975 resolution of the Board authorizing the issuance of said bonds, and all acts performed by the Board in adopting the said resolution, and by the Secretary of the Board and the Vice Chancellor for Administration in connection with the issuance and sale of the said bonds, including the notice of bond sale and its publication in Oregon on July 2, 1975 and July 9, 1975, be and they hereby are fully approved, ratified, and confirmed.

BE IT FURTHER RESOLVED that functions of the Secretary of the Board in preparing and providing of transcript material, and other actions relating to the bond issue shall be performed by the Secretary of the Board or by the Assistant Secretary of the Board; and correspondingly, functions of the Vice Chancellor for Administration shall be performed by the Vice Chancellor for Administration or by his Administrative Assistant.

It was moved by Director Perry that the Board accept the low bid and adopt the proposed resolution. The President of the Board stated that it had been moved that the Board accept the low bid as indicated and adopt the proposed resolution.

On roll call vote the Board voted on the adoption of the motion as follows:

Those voting yes: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Mosser. Mr. Stewart was absent from the meeting at this time.

Those voting no: None.

The President of the Board declared said motion duly adopted by a unanimous vote.

The Vice Chancellor for Administration reported that at 8:30 A.M., Pacific Daylight Time, on July 22, 1975, one sealed bid was received, pursuant to an advertisement authorized by the Board of Higher Education at its regular meeting on June 24, 1975, for the proposed sale of $1,600,000 State of Oregon, State Board of Higher Education Facilities Bonds, Series 1975 D. Present were Mr. James C. George of the State Treasury Department; and Mr. Richard D. Roberts of Rankin, Walsh, Ragen & Roberts, Bond Attorneys. The bonds were to be sold at a price of not less than $98 for each $100 par value thereof.

Mr. Holmer said that on the advice of the bond attorneys, the bid had been rejected because the discount exceeded the two percent maximum stipulated in the 'Notice of Bond Sale' by 20 cents. The rejected bid was submitted by The Oregon Bank; The Chase Manhattan Bank, N.A.; Dillon, Read Municipals, Division of Dillon, Read & Co., Inc.; Blyth, Eastman Dillon & Co.; Merrill Lynch, Pierce, Fenner & Smith, Inc.; Southeast First National Bank of Miami; First Pennco Securities, Inc.; Crocker National Bank; A. G. Becker & Co., Municipal Securities, Inc.; Baird, Patrick & Co.; and Schroder Trust Co.

A revised resolution authorizing the sale and including proposed changes in dates and maturities for the $1,600,000 State of Oregon, State Board of Higher Education Facilities Bonds, Series 1975 F bonds appears below.

Mr. Holmer said it would be possible to proceed with some of the construction projects that it had been anticipated would be financed from the funds which would have been received for the rejected bond issue by using resources not yet needed on other projects. However, it will be necessary to readvertise the $1,600,000 bond issue and sell the bonds in September.
July 22, 1975

On motion by Mr. Layman, the Board voted to reject the bid received on July 22, 1975, for State of Oregon, State Board of Higher Education Facilities Bonds, Series 1975 D, with a total par value of $1,600,000, and to reschedule a sale of bonds with bids to be opened September 23, 1975, in accordance with the details set forth in the following resolution.

$1,600,000 STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION
FACILITIES BONDS, SERIES 1975 F

RESOLUTION

WHEREAS, THE STATE BOARD OF HIGHER EDUCATION deems it necessary, pursuant to law, including Article XI-G of the Constitution of the State of Oregon, Chapter 331, Oregon Laws 1975, and applicable provisions of ORS Chapter 351, to sell general obligation STATE BOARD OF HIGHER EDUCATION FACILITIES BONDS, SERIES 1975 F, of the State of Oregon, in the principal amount of $1,600,000 to provide funds to acquire land, and to plan, construct, alter, repair, furnish, and equip buildings and facilities for the Department of Higher Education, and for payment of costs incident to the sale and issuance of the bonds; now, therefore,

BE IT RESOLVED BY THE STATE BOARD OF HIGHER EDUCATION OF THE STATE OF OREGON that, with the approval of the State Treasurer of the State of Oregon, ONE MILLION SIX HUNDRED THOUSAND DOLLARS ($1,600,000) par value of bonds authorized by law, including Article XI-G of the Constitution of the State of Oregon, Chapter 331, Oregon Laws 1975, and applicable provisions of ORS Chapter 351, be issued and sold; and

BE IT FURTHER RESOLVED that the said bonds totaling ONE MILLION SIX HUNDRED THOUSAND DOLLARS ($1,600,000) par value be issued and the proceeds from the sale of these STATE BOARD OF HIGHER EDUCATION FACILITIES BONDS, SERIES 1975 F, be used to acquire land, and to plan, construct, alter, repair, furnish, and equip buildings and facilities for the Department of Higher Education, and for payment of costs incident to the sale and issuance of the bonds, as provided by law, including Article XI-G of the Constitution of the State of Oregon, Chapter 331, Oregon Laws 1975, and applicable provisions of ORS Chapter 351; and

BE IT FURTHER RESOLVED that the principal of and the interest on all of the bonds issued pursuant to this resolution be paid on the due dates thereof at the Fiscal Agency of the State of Oregon, in the City and State of New York, and that the said bonds be designated STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION FACILITIES BONDS, SERIES 1975 F, and be numbered consecutively; and

BE IT FURTHER RESOLVED that the said bonds be dated September 15, 1975, be issued in denominations of $5,000 each, and mature upon the dates and in the principal installments hereinafter in this resolution set forth, subject to redemption in regular numerical order at par value and accrued interest on any interest-paying date on and after March 15, 1990, from the moneys and revenues indicated by law, including Article XI-G of the Constitution of the State of Oregon, Chapter 331, Oregon Laws 1975, and applicable provisions of ORS Chapter 351; and
BE IT FURTHER RESOLVED that the maturity dates and principal installments of said bonds be as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 15, 1978</td>
<td>$20,000</td>
<td>March 15, 1992</td>
<td>$50,000</td>
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<tr>
<td>March 15, 1979</td>
<td>$25,000</td>
<td>March 15, 1993</td>
<td>$55,000</td>
</tr>
<tr>
<td>March 15, 1980</td>
<td>$25,000</td>
<td>March 15, 1994</td>
<td>$60,000</td>
</tr>
<tr>
<td>March 15, 1981</td>
<td>$25,000</td>
<td>March 15, 1995</td>
<td>$65,000</td>
</tr>
<tr>
<td>March 15, 1982</td>
<td>$30,000</td>
<td>March 15, 1996</td>
<td>$66,000</td>
</tr>
<tr>
<td>March 15, 1983</td>
<td>$30,000</td>
<td>March 15, 1997</td>
<td>$70,000</td>
</tr>
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<td>March 15, 1984</td>
<td>$30,000</td>
<td>March 15, 1998</td>
<td>$75,000</td>
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<tr>
<td>March 15, 1985</td>
<td>$35,000</td>
<td>March 15, 1999</td>
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<tr>
<td>March 15, 1986</td>
<td>$35,000</td>
<td>March 15, 2000</td>
<td>$85,000</td>
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<tr>
<td>March 15, 1987</td>
<td>$40,000</td>
<td>March 15, 2001</td>
<td>$90,000</td>
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<tr>
<td>March 15, 1988</td>
<td>$40,000</td>
<td>March 15, 2002</td>
<td>$100,000</td>
</tr>
<tr>
<td>March 15, 1989</td>
<td>$45,000</td>
<td>March 15, 2003</td>
<td>$105,000</td>
</tr>
<tr>
<td>March 15, 1990</td>
<td>$45,000</td>
<td>March 15, 2004</td>
<td>$110,000</td>
</tr>
<tr>
<td>March 15, 1991</td>
<td>$50,000</td>
<td>March 15, 2005</td>
<td>$115,000</td>
</tr>
</tbody>
</table>

BE IT FURTHER RESOLVED that the State Board of Higher Education furnish to the original purchaser of said bonds, without cost to him, the written opinion of accredited bond attorneys certifying to the validity and legality of the said bonds; and

BE IT FURTHER RESOLVED that the said bonds be the direct general obligations of the State of Oregon, and that, except as to the variations in the interest rates and maturities, they be of uniform tenor and be in substantially the following form, prepared by the Attorney General of the State of Oregon:

Number

UNITED STATES OF AMERICA
STATE OF OREGON
STATE BOARD OF HIGHER EDUCATION
FACILITIES BOND
SERIES 1975 F

$5,000

KNOW ALL MEN BY THESE PRESENTS, that the STATE OF OREGON acknowledges itself to owe and for value received hereby promises to pay to bearer the principal sum of $5,000 on the fifteenth day of March, 1978, with interest on said sum from the date hereof until paid, at the rate of PERCENT (%) per annum, payable semiannually on the fifteenth day of March and the fifteenth day of September in each year, as evidenced by, and upon the presentation and surrender of, the interest coupons hereto annexed as they severally become due. Both the principal of and the interest on this bond are payable at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America.

The bonds of the issue of which this bond forms a part, maturing on and after March 15, 1991 may be redeemed at the option of the State of Oregon, on and after March 15, 1990, at par and accrued interest, on any interest-paying day or days in regular numerical order or in the entire amount of the issue outstanding at call date, upon notice given...
by the Treasurer of the State of Oregon at least thirty (30) days prior to the redemption date specified therein, by publication thereof in one issue of a newspaper or financial journal of general circulation printed and published within the City and State of New York, and one issue of a newspaper of general circulation printed and published within the City of Salem, Oregon. From the date of redemption designated in any such notice, interest on the bonds so called for redemption shall cease.

This bond is issued by the State of Oregon in conformance to its Constitution and under and by virtue of and in all respects in full and strict compliance with its laws, and in particular Article XI-G of the Oregon Constitution, Chapter 331, Oregon Laws 1975, and applicable provisions of ORS Chapter 351, for the purpose of financing the cost to acquire land, and to plan, construct, alter, repair, furnish, and equip buildings and facilities for the Department of Higher Education, and for payment of costs incident to the sale and issuance of the bonds.

The faith and credit of the State of Oregon hereby are irrevocably pledged to the punctual payment of the interest on and the principal of this bond as the same become due and payable respectively.

IN TESTIMONY WHEREOF, the STATE OF OREGON has caused this bond to be signed by the Governor and by the Secretary of State with their facsimile signatures, and by the State Treasurer, and sealed with the seal of the State of Oregon, and has caused the annexed interest coupons to be executed with the facsimile signatures of its said officers, all as of the fifteenth day of September, 1975.

Governor

(SEAL)

Secretary of State

State Treasurer

FORM OF COUPON

(For coupons maturing on March 15, 1976, up to and including March 15, 1990)

No. __________ On the fifteenth day of March 1976, THE STATE OF OREGON will pay the bearer $ __________

DOLLARS

at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America, for six months' interest then due on State of Oregon, State Board of Higher Education Facilities Bond, Series 1975 F, No. __________.

(facsimile) (facsimile) (facsimile)

State Treasurer Secretary of State Governor
(For coupons maturing on and after September 15, 1990)

No. On the fifteenth day of September 1990, unless the bond hereinafter designated shall have been called for previous redemption and due provision made for the payment thereof, THE STATE OF OREGON will pay the bearer

DOLLARS

at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America, for six months' interest then due on State of Oregon, State Board of Higher Education Facilities Bond, Series 1975 F, No. __________.

(facsimile) (facsimile) (facsimile)

State Treasurer Secretary of State Governor

The foregoing bond and coupon forms hereby are approved as to legal form this ______ day of ________, 1975.

LEE JOHNSON, Attorney General of
the State of Oregon

BE IT FURTHER RESOLVED that, as provided by ORS 351.430, the Secretary of the Board be and he hereby is authorized to advertise the said STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION FACILITIES BONDS, SERIES 1975 F, for public sale thereof on or about September 23, 1975, at a price of not less than $98 for each $100 par value thereof, and the accrued interest thereon, and the notice of sale to specify that the Board reserves the right to reject any or all bids for the bonds; and

BE IT FURTHER RESOLVED that the Secretary and Vice Chancellor for Administration of the State Board of Higher Education be authorized to effect the necessary arrangements to deliver the bonds and to receive payment therefor.

Those voting in favor of the motion to reject the bid received on July 22, 1975, and to adopt the above resolution were: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Mosser.

Those voting no: None.

The President of the Board thereupon declared the resolution duly adopted by a unanimous vote of those present. Mr. Stewart was absent from the meeting at this time.

Budget Adjustment for Marine Biology Station Alterations at Charleston, UO

Inasmuch as the final plans and specifications for the proposed alterations to facilities at the Marine Biology Station at Charleston, prepared by the staff of the Physical Plant Department of the University with the aid of consultants, conformed generally to the preliminary plans reviewed and approved by the Board on July 23, 1974, and authorization to proceed had been granted by the Emergency Board on November 22, 1974, bids were solicited and were opened at the Station on July 1. As adjusted to exclude all deductive bid alternates, the quotations
submitted by four general contractors ranged from $68,430 to $84,073, compared with the pre-bid budget estimate of $44,570 for direct construction costs. The bid overrun can be attributed to a number of factors, including delays in the planning process, special requirements of agencies having jurisdiction over building permits (such as a different method of waste disposal than had been anticipated), greater inflation of construction prices than had been projected, failure to recognize adequately price differentials in the southern coastal area of the state, etc.

Based upon the lowest bid, plus the planning costs, furnishings and equipment, construction supervision and miscellaneous costs, as well as a small contingency reserve, the project budget would total $82,000, or $22,000 more than the expenditure limitation of $60,000 authorized by the Board and the 1973 Legislature. Inasmuch as the scope of the work would be limited to the minimum requirements through the exercise of the deductive alternates, it is not practical to make further significant changes in the plans and specifications. Furthermore, additional time delays would be costly.

Because of the need to undertake the remodeling as soon as possible in order to provide the lecture room and general purpose space within the former U. S. Coast Guard boathouse and repair facility, it is proposed that the additional funds required, not to exceed $22,000, be provided from balances available to the University of Oregon from capital outlay building use credits originating from indirect cost allowances on instructional and research contracts and grants.

Staff Recommendation to the Board

It was recommended that the appropriate Board officials be authorized to seek the approval of the State Emergency Board to increase the expenditure limitation for the Marine Biology Station Alterations at Charleston, which had been included in the capital construction program approved by the 1973 Legislature, from $60,000 to $82,000 with the understanding that the additional requirements in an amount not to exceed $22,000 would be financed from balances available to the University of Oregon from building use credits.

RECAPITULATION UPON RECEIPT OF CONSTRUCTION BIDS

Project - Marine Biology Station Alterations, UO

Legislative authorization - Chapter 592, Oregon Laws 1973

Board's priority in 1973-1975 - No. 10 (Educational and General Plant)

Estimated gross area:
- Remodeling - 2,022 sq. ft.
- New work - 536 sq. ft.
- Total 2,558 sq. ft.

Estimated total project cost $ 82,000

Estimated direct construction cost - Total 68,430
Average (per square foot) - $26.75

Tentative schedule:
- Contract award - July 1975
- Completion - November 1975
Meeting #425-20

June 24, 1975

Tentative financing plan:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund appropriation within Chapter §92, Oregon Laws 1975</td>
<td>$30,000</td>
</tr>
<tr>
<td>Bond borrowings under provisions of Article XI-G of Oregon Constitution</td>
<td>$30,000</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$60,000</td>
</tr>
<tr>
<td>Building use credits</td>
<td>$22,000</td>
</tr>
<tr>
<td>Total</td>
<td>$82,000</td>
</tr>
</tbody>
</table>

Board Discussion and Action

The Board approved the recommendation as presented, with the following voting in favor: Directors Carpenter, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. Mrs. Johnson voted no. Mr. Perry was absent from the meeting at this time.

(Considered by Committee on Finance, Administration, and Physical Plant, June 24, 1975; present--McIntyre, Carpenter, McLaurin.)

Staff Report to the Committee

In order to increase the seating capacity within McArthur Court at the University of Oregon, principally for spectators at basketball games, it is proposed to construct balconies at the north and south ends of the building. Provision for such construction was anticipated in the design of the balconies which were constructed in 1954 on the east and west sides of the pavilion. In effect, the new balconies would be physically connected to the present balconies for continuous seating around the basketball court.

According to plans being developed by Rose & Breedlove, Inc., structural engineers, approximately 1,300 additional seats could be provided in the new balconies and another 100 seats or so could be installed within the present upper balconies, thus making a total of 1,400 spaces. Of this number, about 400 would be assigned to students to offset the reduction caused by the decision of the fire marshal to limit the capacity of existing bleacher seating for safety purposes. The net increase of approximately 1,000 seats would be marketed to provide the resources needed to finance the estimated project costs of $250,000. A sponsor drive, similar to that undertaken several years ago for the construction of Autzen Stadium, is now underway under the auspices of the Athletic Department and the UO Development Fund. It is proposed that all phases of the project be completed by December 1, 1975, so that the additional seating would be available for the 1975-76 basketball season.

Staff Recommendation to the Committee

It was recommended that the appropriate Board officials be authorized to approve the plans and specifications now being prepared by the consulting engineers for the proposed construction of additional spectator seating within McArthur Court, solicit bids, and if sufficient gift funds are available and the approval of the State Emergency Board is secured, award a contract for such work within a project budget not to exceed $250,000.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the recommendations as presented.

Board Discussion and Action

In response to a question concerning the timetable for the construction, Mr. Hunderup said that the project is being expedited as much as possible in the hope that it might be ready for the 1975-76 basketball season. However, all of the resources must be available before the contract award is made.
The Board approved the recommendations as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. Those voting no: None. The President, Mr. Mosser, did not cast a vote, and Mr. Perry was absent from the meeting at this time.

BA/BS Program in Nursing, SOSC

(Considered by Committee on Instruction, Research, and Public Service Programs, June 24, 1975; present--Stewart, Johnson, Joss, Layman, Maden.)

Staff Report to the Committee

July 25, 1974, the Board authorized Southern Oregon State College to offer a BA/BS degree program in nursing for registered nurse students (associate degree and diploma nurses), effective 1975-76, provided funding for the program was appropriated by the 1975 Legislature. Legislature funding for the program has been approved. Thirty students will be admitted to the junior class fall term 1975 and 36 juniors will be admitted fall term 1976, as shown in Table I, below.

### TABLE I

<table>
<thead>
<tr>
<th>Year</th>
<th>Assoc. Degree</th>
<th>Bacc. Degree</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fr.</td>
<td>Soph.</td>
<td>Jr.</td>
</tr>
<tr>
<td>1975-76</td>
<td>40</td>
<td>36</td>
<td>30</td>
</tr>
<tr>
<td>1976-77</td>
<td>40</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>1977-78</td>
<td>40</td>
<td>36</td>
<td>36</td>
</tr>
</tbody>
</table>

\(^1\)Associate degree enrollments shown for 1975-76 are for the state-funded instructional program. An additional 10 students, all of whom are licensed practical nurses, will be completing associate degrees in 1975-76 in an accelerated program entirely funded by federal capitation grant funds.

At its July 1974 meeting, the Board indicated its expectation that (1) Southern Oregon State College would use one FTI position for planning during 1974-75 to enable several faculty members who would be involved in the program to participate in its planning, (2) procedures would be developed for effective evaluation of the nursing competencies of applicants for admission and for appropriate placement of students in the program after admission, (3) the program would be planned and developed in concert with the Board's programs at the University of Oregon School of Nursing, and (4) the program would be planned so that it might achieve accreditation by the National League for Nursing (NLN), both as an assurance of quality of the program in preparing baccalaureate-level nurses for employment and as assurance that graduates of the program will meet basic educational requirements for admission to master's degree programs in nursing.

Southern Oregon State College has filed a progress report in preparation for implementation of the program 1975-76, the principal features of which are summarized in the following pages.
Who Has Been Responsible for SOSI Planning and Review of Plans

Planning for the program has been the responsibility of two staff members who will teach in the baccalaureate program, and the chairman of the nursing department. All three hold master's degrees in nursing. One of the staff members who will be teaching in the program has nursing specialization in public health nursing and has teaching experience in the associate degree program at Southern Oregon State College, the other has a nursing specialization in psychiatric nursing and teaching experience in the baccalaureate degree nursing program at the University of Oregon School of Nursing. The third staff member needed to inaugurate the junior year of the program fall term 1975-76 has a master's degree with specialization in maternal-child nursing. She is presently teaching in the baccalaureate program at the University of Texas.

In the development of plans for the baccalaureate program, staff members have visited the NLN-accredited BA/BS program for RN students at Sonoma State College, a program very similar in objectives and design to the program being developed at Southern Oregon State College.

Visiting the Southern Oregon State College campus as consultants to the Southern Oregon State College program have been:

- Miss Malissa Harkleroad, Consultant in Nursing Education, National League for Nursing
- Dr. Holly Wilson, Nursing Research Specialist, Sonoma State College
- Dr. Barbara Gaines, Curriculum Coordinator, University of Oregon School of Nursing
- Professor Merla Olson, Psychiatric Nursing, University of Oregon School of Nursing
- Professor Viola Eisenbach, Community Health Nursing, University of Oregon School of Nursing

Consultation with the University of Oregon School of Nursing is continuing as the program moves to inauguration of the junior year. The most recent meeting with University of Oregon School of Nursing personnel was held on the University of Oregon School of Nursing campus June 13, 1975.

Plans for the program have been reviewed by Miss Susan Leddy, consultant in nursing education for the National League for Nursing replacing Miss Harkleroad. Miss Leddy, in a letter dated May 7, 1975, made several suggestions for changes in wording and in details of the nursing curriculum, and concluded by saying, "In general, the work looks sound as a foundation for the conceptual framework and the curriculum pattern."

Status of Planning in Respect to Admission and Placement of Students

Criteria and procedures adopted by Southern Oregon State College for selection of students for admission to the baccalaureate program assure that all students admitted to the upper-division nursing program for RN students will have:

1. A current Oregon license.
2. At least 90 hours of acceptable lower-division credit distributed as follows:
Meeting #425-23

Nursing
Science-Mathematics
Social Science, Communications, and Humanities
Electives
Total

<table>
<thead>
<tr>
<th></th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Nursing</td>
<td>45</td>
</tr>
<tr>
<td>Science-Mathematics</td>
<td>12</td>
</tr>
<tr>
<td>Social Science, Communications, and Humanities</td>
<td>15</td>
</tr>
<tr>
<td>Electives</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>90</td>
</tr>
</tbody>
</table>

Hours in science-mathematics, social science, communications, and humanities in excess of number required will be applied toward meeting the requirement of 18 hours of electives, but hours in nursing in excess of 45 will not be counted as elective credit.

3. Scores at or above national norms for baccalaureate students on the following National League for Nursing Baccalaureate Achievement Tests:
   - Psychiatric Nursing
   - Maternal-Child Nursing
   - Medical-Surgical Nursing
   - Applied Natural Sciences

4. Indicated potential for success in a baccalaureate program in nursing as shown by achievement on the California Personality Inventory test.

5. An entering grade-point average 2.50 (2.00 for disadvantaged students).

6. Satisfactory evaluations from employers concerning the candidate's work experience, employment capabilities, and potential for continuing education toward a baccalaureate degree and contribution to nursing.

The first step in the admissions process is an evaluation of the applicant's hospital school and/or collegiate work by the Southern Oregon State College registrar and the chairman of the nursing department. This is a transcript evaluation. The student is notified as to the courses and hours of credit accepted and the credit hours remaining to be completed. It is expected that most associate degree graduates will have at least 90 hours of transferable credit with the appropriate distribution. Diploma graduates will meet the requirement of 45 hours in nursing, but, unless college course work has been completed in addition to the hospital school program, they are likely to be short of credit in non-nursing subjects.

Applicants who do not have 90 hours of appropriate transfer course work can, if they wish to pursue admission to the baccalaureate program, make up the deficiencies by enrolling for appropriate course work at any accredited collegiate institution.

Applicants who meet basic requirements for admission will form the pool from which final selection will be made. All applicants in the final pool will be interviewed personally by the selection committee. If the selection committee certifies more qualified applicants than the program can admit, final selection will be made by the baccalaureate degree nursing faculty on the basis of results of the NLN achievement tests and the California Personality Inventory.

The NLN achievement tests have been selected to validate the quality of the candidate's nursing background at the time of entry in the Southern Oregon State College BA/BS program and to identify any areas of competence needing strengthening.
These tests are usually administered to students enrolled in baccalaureate
degree nursing programs upon completion of instruction in the area tested. The
norms against which Southern Oregon State College applicants will be measured,
thus represent the level of achievement in basic nursing areas and applied
natural science attained by baccalaureate degree students who have completed the
instruction in the foregoing areas.

Applicants falling below national norms will not be considered for admission
until satisfactory improvement has been demonstrated. Those who wish to do so
may complete modules in the associate degree program related to their areas of
weakness by enrolling in Nur 199 Special Studies.

(Candidates whom the selection committee believes have good potential for
success in the baccalaureate program, but who need to make up minor deficiencies
either in credit hours required for admission or in nursing competencies and who
can reasonably do so after admission to the baccalaureate program may be accepted
for admission by special action of the faculty.)

Objectives of the
Baccalaureate Program

It may be asked, if all students admitted to the Southern Oregon State College
baccalaureate program for RN students score at or above national norms for
achievement of baccalaureate students, what are the objectives of the Southern
Oregon State College BA/BS program. It should be noted that the NLN tests cover
basic areas of nursing which are a part of all RN programs--diploma, associate
degree, and baccalaureate. The proposed baccalaureate degree program is not
designed to remediate or update these basic nursing competencies, although the
junior year of the program in community health nursing will provide a good
review as nursing competencies are applied in community settings.

An important part of the planning process for the baccalaureate program at
Southern Oregon State College has been to identify those competencies expected
of baccalaureate graduates over and above basic nursing competencies expected of
all registered nurses. This has been difficult because the traditional bacca-
laureate program integrates development of basic nursing competencies throughout
the professional program. Essentially, baccalaureate degree nursing programs
include instruction and experience in the following areas which, because of
pressure of time, are not generally covered or are covered only in an intro-
ductive fashion in associate degree and diploma programs:

1. Nursing in non-traditional settings.
2. Nursing service supervision and administration.
3. Teaching.
4. Leadership.
5. Basic physical assessment.
6. Introduction to nursing research.

Southern Oregon State College has drawn up a statement of competencies expected
to be developed in the Southern Oregon State College BA/BS degree program.

Competencies of Baccalaureate Graduates in Nursing
Southern Oregon State College

The Southern Oregon State College baccalaureate degree nursing program will
expect to produce a graduate who is capable of:
1. Assessing the psychological and physical status of patients in greater depth than associate degree or diploma school nurses characteristically are able to.

2. Developing, with the collaboration of associated personnel (e.g., peers, associate degree and diploma nurses, licensed practical nurses, aides) and members of selected other professions (e.g., physicians, occupational therapists, social and mental health workers), health care plans consistent with patient/family physical and emotional needs and sound medical and health principles.

3. Making effective judgments as to and initiating needed adaptations and changes in the nursing care plan on the basis of a continuing evaluation of the changing needs of the patient/family.

4. Interpreting and demonstrating effective nursing care to patient/families, to associated personnel, and to members of selected other professions cited above.

5. Practicing and managing effective nursing care with people of all ages in varying circumstances and in a variety of settings.

6. Initiating action in planning and carrying out effective community health programs that recognize and are appropriately responsive to the various forces affecting community health and social welfare.

7. Initiating effective research (inquiry) into health care problems.

8. Assuming positions requiring administrative, leadership, and community nursing abilities.

9. Qualifying for admission to master's degree programs.

10. Evaluating the need for continuing personal and professional development and accepting responsibility for promoting necessary and desired professional growth.

Development of Curricular Program

The curricular program for the Southern Oregon State College baccalaureate nursing program has been designed to achieve the above competencies. The baccalaureate nursing staff members have identified eight facets of needed instruction, which they call "processes." Junior and senior year instruction in each of the eight processes has been outlined in accordance with identified objectives to be achieved each year, and syllabi have been prepared for the junior year of the program (Nur 301, 302, 303 Community Health Nursing, 9 hours each term), and for the senior year (Nur 411, 412, 413 Nursing Management, 9 hours each term). These materials are on file in the Board's Office.

Degree Requirements

Requirements for the BA/BS degree in nursing are:
Meeting #425-26

Meeting

July 22, 1975

Met
in
90
Hours
Required
for
Admission

Additional
Credit
Hours
Required

Total
Required
for
BA/BS

<table>
<thead>
<tr>
<th>Hour Requirements Applicable Toward BA/BS degree</th>
<th>90</th>
<th>96</th>
<th>186</th>
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<tr>
<td><strong>Institutional Requirements</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications (6 hours writing, 3 hours speech)</td>
<td></td>
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<tr>
<td>Humanities</td>
<td>15</td>
<td>30</td>
<td>18</td>
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<tr>
<td>Social Science</td>
<td>12</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td>Science-Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Nursing Major Requirements</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nursing</td>
<td>45</td>
<td>54</td>
<td>99</td>
</tr>
<tr>
<td>Bi 321, 323 Human Physiology</td>
<td>0</td>
<td>(4)**</td>
<td>(4)**</td>
</tr>
<tr>
<td>BA 365 Principles of Personnel Management</td>
<td>0</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>18*</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total Hours for Degree</strong></td>
<td>90</td>
<td>96</td>
<td>186</td>
</tr>
</tbody>
</table>

*Note: Nursing course credit in excess of the required 45 credit hours may not be counted as part of the 18 credit hours of electives. **Note: Bi 321, 323 also counts as three hours of science-mathematics.

It should be noted that some students will have more than 90 hours transfer credit applicable to the baccalaureate degree program. For instance:

- Southern Oregon State College has evaluated transcripts of an applicant with an associate degree from Northern Arizona University who has 140.5 hours of acceptable credits, 120 of which are applicable toward requirements of the SOSC BA/BS degree program in nursing. If admitted, this student would need to complete only the nursing major requirements, 3 hours of speech, and 2 hours of humanities, a total of 66 credit hours, to graduate.

- A graduate of the Lane Community College associate degree program has 124 transferable credits, 108 of which are applicable toward meeting degree requirements. If admitted, she will need to complete 78 credit hours, consisting of the 61 credit hours required in the nursing major, 15 credit hours of humanities, and 2 credit hours of electives.

As noted earlier, however, some applicants will need to complete additional work to qualify for admission to the baccalaureate program. For example:

- A diploma school graduate has 78 credit hours of acceptable work. She needs to complete 12 hours of collegiate work to be eligible for admission, 2 hours of science-mathematics, 9 hours of social science, humanities, and communications, and 1 hour of elective credit.

Accreditation by National League for Nursing and Admissibility of Graduates to Master’s Degree Programs

The staff at Southern Oregon State College has worked with consultants of the National League for Nursing, and staff from the accredited baccalaureate program for RN's at Sonoma State College and from the University of Oregon School of
Nursing, in the development of the program, in an effort to assure that the program will meet accreditation standards and its graduates will be admissible to master's degree programs.

Comments of the NLN consultant reported earlier, p. 607, and conversations with Dean Jean Boyle, University of Oregon School of Nursing, both of whom have reviewed the Southern Oregon planning to date, indicate that in their judgment planning is proceeding on a sound basis. Should present direction be continued in implementation of the program, it may be expected that the program will qualify for accreditation and that qualified graduates will be eligible for acceptance into graduate programs.

Board's Office Recommendation

The Board's Office recommended that the Committee accept Southern Oregon State College's progress report on the BA/BS program in nursing. It was suggested that the Board's Office continue to monitor progress of the program, with a report to be made to the Committee on experience of the program and activities of its graduates, one year after the first class is graduated (June 1978).

Discussion and Recommendation by the Committee

Mrs. Johnson made the following observations:

1. Admission requirements for the Southern Oregon State College BA/BS degree program in nursing as presently developed appear fairly clean cut, and evaluation of credentials of applicants holding associate degrees in nursing should be fairly easy. The evaluation of credentials of graduates from diploma schools will present problems, she cautioned, but provisions must be made for serving diploma RN nurses as well as associate degree nurses.

2. The objectives of the program are clearly set forth. This is important in view of (a) proposals by Linfield College to develop a baccalaureate degree program for the associate and diploma nurse graduate which does not provide any instruction in professional nursing; and (2) questions in the minds of some prospective students and taxpayers as to whether the Southern Oregon State College program, which by design is different from the University of Oregon School of Nursing program, is equally good in respect to the quality of graduates it will produce.

3. In view of these questions, Mrs. Johnson said, she felt the Board's Committee should monitor the program closely, and require yearly reports on how well the program is meeting its objectives. In this respect she said it would be helpful for the Board's Committee to know the kind of people who are applying, the kind of people being admitted, their deficiencies, and what Southern Oregon State College does to help them correct these deficiencies.

President Sours said that while Southern Oregon State College can provide annual reports, the crucial report year would be 1978, when Southern Oregon State College had graduated its first class. He said the institution has sought to comply with the Board's expectations for the new program, and expects the continued interest of the Board's Committee, but that he wondered, in view of the increasing demands of paperwork for those charged with the administration of the institutions, if annual reports on this program were needed.
Mr. Maden proposed that the requirement of "indicated potential for success in a baccalaureate program in nursing as shown by achievement on the California Personality Inventory test" (item 4, page 608 of this document) be omitted from requirements for admission to the program. He said (1) he did not believe the California Personality Inventory test could indicate potential success in a baccalaureate program in nursing, (2) personality tests in general cannot sort out people or personalities capable of success in nursing, (3) personality tests as a criterion of admission are probably an invasion of privacy, (4) he is not satisfied that Southern Oregon State College has provided any controls in the use of this information.

President Sours said he shared Mr. Maden's concern, but that in the past the screening of candidates for performance-oriented programs such as teaching and nursing has sometimes been subjective to the point that screening committees have run the risk of being hauled into court on charges of discriminatory and arbitrary behavior. As a result, he said, efforts are being made to standardize screening, to make it less subjective. This, he said, he felt was desirable, but that he would totally reject any move to place heavy emphasis in admissions on personality inventories.

Mrs. Machak said it was not the intent of the nursing department to use the California Personality Inventory test score as the ultimate criterion for admission, but rather as a part of the total data base collected on prospective students. She said the test has been used with applicants to the associate degree program without objection from students. She said the department would like to continue to have this information available concerning its applicants.

Mr. Stewart suggested that President Sours work with the department to develop a statement governing use of the test which would respond to concerns expressed by Mr. Maden, or delete the requirement. Mr. Joss said he felt (1) personality was an important factor in nursing success and (2) psychologists ought to be able to devise tests useful in screening for this factor.

Mrs. Johnson objected to the wording of item 5, page 608 which indicated that disadvantaged students would be admitted to the program on the basis of a 2.00 grade-point average, instead of the basic requirement of 2.50. She said to identify certain kinds of students as needing this kind of provision cheapened their standing in their own eyes and in the eyes of others. Mrs. Machak said Southern Oregon State College wished to make special effort to serve students such as the Mexican-Americans and blacks and that to do so it is willing to admit to the program, if necessary, some minority students with less than a 2.50 GPA. President Sours said he felt Southern Oregon State College could reword the GPA requirement to permit the department to provide the service it wishes without identifying categories of student applicants as "disadvantaged."

The Committee accepted the report with provision for: (1) continued monitoring of the program by the Board's Office with a report on experience of the program to be made in 1978, one year after the first class is graduated; and (2) modification of wording of admission requirements along lines indicated in Committee discussion. The Committee accepted the report by a vote of three to two, with Mrs. Johnson and Mr. Maden voting no.

Board Discussion and Action

Mrs. Johnson said that although the docket indicated that no Board action on the Southern Oregon State College baccalaureate program in nursing was necessary, she felt that the Board should act on the report. She said that the recommendation of the Committee was that a report be made to the Committee on experience with the program and the activities of its graduates one year after the first class is graduated in June 1978. She said that she felt that the program is of such importance that interim reports should be made annually to the Committee and to the Board.
Mrs. Johnson moved that (1) the Board accept the progress report; (2) that the Board's Office continue to monitor the progress of the Southern Oregon State College program and that it report to the Committee on Instruction, Research, and Public Service Programs annually on the program; and (3) that a summary report be made one year after the first class is graduated in June 1978.

Mr. Maden said he had voted against acceptance of the report by the Committee because he opposed the use of the California Personality Inventory Test as a criterion for admission to the nursing program. He said he objected because the test was not valid for determining whether an individual would be a successful candidate for the bachelor's degree in nursing. Further, he said, requiring the test is an invasion of privacy of the applicant and there are no safeguards concerning the acceptability for admission of a person who refuses to take the test. Mr. Maden moved that the Board instruct Southern Oregon State College to eliminate the test as a criterion for admission to the nursing program.

Mr. Mosser ruled that the motion was not germane as a substitute to the motion before the Board and was temporarily out of order.

Dr. Romney said that the Board's Office had felt that with the present progress report, to be followed with a report on the program one year after the graduation of the first class in June 1978, the Board would have sufficient information to permit it to monitor the Southern Oregon State College program to the extent that it would wish to monitor it. He said that, however, if the Board felt that it wished to be kept more intimately informed concerning the program, the Board's Office would supply the Board and its Committee with annual reports, if requested.

The Board approved the motion by Mrs. Johnson with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, and McLaurin. Mr. Stewart voted no. The President, Mr. Mosser, did not cast a vote, and Mr. Perry was absent from the meeting at this time.

Mr. Mosser then indicated that Mr. Maden's previous motion was in order and Mr. Maden again moved that the Board instruct Southern Oregon State College not to use the California Personality Inventory Test as a criterion for admission to the nursing program.

Dr. Romney observed that for the Board to instruct Southern Oregon State College not to use the California Personality Inventory Test would be to deny the institution the opportunity to gather information as to the usefulness of this test in the admission program. Comment was also made that for the Board to inject itself in this depth into matters of this nature would be out of keeping with the appropriate role of the Board.

Mrs. Johnson said she was reluctant to have the Board adopt the motion because it would set a precedent for instructing other institutions on other admissions policies.

The Board discussed the proposed use of the test as one criterion for admission and whether there were any safeguards for candidates who chose not to take the test.

The Board defeated a motion by Miss McIntyre to refer the question to the Committee on Instruction, Research, and Public Service Programs for further review. Directors Carpenter, Johnson, Joss, Layman, McLaurin, and Stewart were opposed. Directors Maden and McIntyre voted yes. The President, Mr. Mosser, did not cast a vote. Mr. Perry was absent from the meeting at this time.
The Board then defeated the motion by Mr. Maden to instruct Southern Oregon State College not to use the personality test as a criterion for admission to the nursing program.

Directors Carpenter, Johnson, Joss, Layman, McIntyre, and Stewart voted no. Directors Maden and McLaurin voted yes. The President, Mr. Mosser, did not cast a vote. Mr. Perry was absent from the meeting at this time.

Proposal for Instructional Program Review, OSSHE

(Considered by Committee on Instruction, Research, and Public Service Programs, June 24, 1975; present--Stewart, Johnson, Joss, Maden.)

Staff Report to the Committee

The following report was presented to the Committee on Instruction, Research, and Public Service Programs at its meeting on June 24, 1975.

Meaning of "Program Review"

The terms "program," "review," and "program review" are currently widely used in higher education, with a variety of meanings.

The following are the meanings we attach to these terms:

1. An "instructional program" is a "collection of activities and resources contributing to the education of a group of students pursuing a common curricular path."

2. "Review" is used in the broad sense of "going over with critical examination in order to discover excellence or defects."

3. "Program review," then, is a process involving a deliberate, critical, and systematic examination of an instructional program with the primary purpose of judging its strengths and weaknesses and determining its benefits and effectiveness.

The major thrust of program review, as defined here, is evaluative. Hence, the terms "program review" and "program evaluation" will be used synonymously.

Functions To Be Served by Program Review

The following are the major functions to be served by program review:

1. To determine whether a program meets certain minimum standards set for the program by the institution or various other agencies, e.g., accrediting associations, governing bodies, state and federal agencies.

2. To assess the degree to which a program is meeting current student needs and the potential the program has for meeting those needs in the future.

3. To provide information needed to strengthen and improve programs.

4. To supply needed data for making sound judgments concerning the allocation of resources to programs.

5. Under certain circumstances, to form the basis for determining whether a program should be expanded, modified, or phased out.
Present Program Review Procedures in the State System

A study has been made by the Board's Office of Academic Affairs of present program review practices and procedures in the State System. Information has been provided by each of the seven colleges and universities concerning the following: (1) accreditation activities; (2) program review and evaluation by outside consultants during the past five years; and (3) internal review of programs by the institutions in program planning and program decision-making.

Review by Accrediting Agencies

Accrediting agencies may be said to be of two principal types: (1) regional accrediting associations which accredit the total institution on the basis of general overall quality of the institution, and (2) national and/or state accrediting associations which accredit given professional programs, e.g., engineering, business administration, medicine, law, architecture.

The Northwest Association of Schools and Colleges (one of six regional accrediting associations in the nation) accredits the general, overall quality of the institutions (usually each ten years although frequently there is some check of the status of the institution at the mid-point of the ten-year cycle). All Oregon State System of Higher Education institutions are now fully accredited by the Northwest Association.

Various specialized and professional accrediting agencies periodically assess whether specific academic (e.g., chemistry, psychology) and professional programs meet certain minimum standards.

- For the state colleges, the principal professional accrediting agency is the National Council on Accreditation for Teacher Education (NCATE).

- The universities, with a larger number of professional programs, have extensive involvement with national professional accrediting bodies. For instance, Oregon State University's professional programs are accredited by 11 different accrediting associations: American Chemical Society, Institute of Food Technologists, Accreditation Council of the American Association of Collegiate Schools of Business, National Council on Accreditation for Teacher Education, Engineers' Council for Professional Development, Society of American Foresters, American Public Health Association, National Environmental Health Association, National Athletic Trainers Association, American Home Economics Association, Council for Professional Development, American Council of Pharmaceutical Education.

- There are also a number of Oregon state boards and commissions that are involved in the accreditation of professional programs, e.g., State Board of Engineering Examiners, Teacher Standards and Practices Commission, Oregon State Board of Nursing.

Accreditation judgments are usually made on the basis of (1) a self-study by the faculty of the institution or of the program being accredited, the results of which are supplied to the accrediting agency; (2) an evaluation visit by a team of experts designated by the accrediting association to determine whether the program meets minimum accreditation standards; and (3) a final analysis and decision by an accreditation board or committee, based upon the institutional self-study materials and the report of the team of experts.
Accreditation coverage of programs is uneven. The Northwest regional accrediting association evaluates the institution as a whole. It emphasizes the general rather than the specialized functions at the institution. Acceptance for membership implies that the institution as a whole meets minimum accreditation standards. Although some programs may be looked at specifically, generally there isn't the intensive study and evaluation of particular programs that is characteristic of the approach used by the specialized accrediting agencies such as NCATE (National Council on Accreditation for Teacher Education) and ECPD (Engineers' Council for Professional Development). Thus, across the broad sweep of the liberal arts offerings and other non-professional areas, the accreditation process is not likely to result in an intensive review and evaluation of specific programs.

Program Review and Evaluation by Outside Consultants or Panels of Experts Other Than in Accreditation Reviews

Extent of Use of Outside Consultants

Outside consultants are used quite extensively by the University of Oregon, Oregon State University, and Oregon Institute of Technology, but only occasionally at the state colleges.

Purposes Served by Outside Consultants

Outside consultants serve a broad range of purposes, whether brought in by departments, divisions, schools, or special agencies on the campus. Some of the major purposes for which consultants have been engaged are as follows:

1. To evaluate particular programs—the curriculum, qualifications of faculty, adequacy of facilities, administrative leadership, and impact on students.
2. To assist in program and curriculum revision and to help identify future staff and facility needs.
3. To evaluate the effectiveness of administrative and management techniques and procedures used in specific programs.
4. To assess the quality of research and research management.
5. To review the curriculum as seen by employers through recruiter visits (used primarily at Oregon Institute of Technology).
6. To assist with problems or issues that have been identified with respect to particular programs in terms of theory and practice.

Review of Federally-Funded Programs

Federal and governmental agencies periodically send representatives to campus to evaluate and check the status of agency-funded programs. It is also common practice for representatives of federal agencies to make on-site reviews of selected programs and activities to determine whether applications for funding by the institutions should be approved by the agency.

Internal Institutional Review of Programs

Curriculum and program review of various kinds is a continuing process in the academic departments, divisions, and schools.
Curricula are periodically examined and revised.

Approaches to and methodologies used in the programs are reviewed and modified.

Course content is updated and reorganized.

Oregon State University
Graduate Program Review

State System institutions are giving increasing attention to the need for providing for more systematic review of instructional programs. Illustrative of the best that is occurring in the State System in this respect is the excellent review program being carried on by Oregon State University under which Oregon State University's graduate programs are subject to periodic, searching review. Launched in 1974-75, the program envisions the review of four graduate programs per year. In the initial, shake-down year, two programs (botany, horticulture) were reviewed. Four are scheduled for review in 1975-76 and each year thereafter. The importance of the program warrants a description here of its nature.

The purpose of the program is to stimulate and encourage the academic units to improve the quality of their graduate programs.

The review occurs under the direction of the graduate dean. It involves (1) an extensive self-study within the academic unit in accordance with an outline provided by the graduate dean, followed by (2) a review by a committee consisting of (a) the administrative head of the academic unit and three additional personnel from the unit, (b) the dean, associate dean, and assistant dean of the graduate school, (c) the academic dean of the unit being reviewed, (d) two graduate council representatives appointed by the Dean of the Graduate School, (e) on occasion, outside experts, (f) on occasion, two graduate students from the academic unit.

Data and information accumulated as part of the self-study (and later used by the review committee) is wide-ranging and relates to such matters as: admissions and recruitment practices, trend in enrollments, qualifications of students admitted to the program, trend in student credit hours generated and degrees awarded, trend in years required by students to complete degree requirements, student placement and advising procedures, examination procedures, faculty qualifications, faculty workload, measures of faculty productivity, placement and professional activity of graduates, other evidences of quality of program.

A written summary and conclusions resulting from the review is prepared by the Graduate School staff and Graduate Council representatives. The summary and conclusions are made available to the University community generally.

Oregon State University feels that the program will have a very salutary effect on the entire institution, as well as on the academic units under review at any given point.

Review by the Board's Office, the Board's Committee on Instruction, Research, and Public Service Programs, and the Board of Higher Education

Certain program review activities related to program authorization and program improvement involve the Board's Office, the Board's Committee on Instruction, Research, and Public Service Programs, and the Board of Higher Education.
1. Where Board authorization to an institution of an additional academic program is being considered, a review is made by the Board's Office, the Board's Committee, and ultimately the Board of Higher Education, of a number of factors, including the objectives, the need for, and the availability of resources necessary to the program, and the nature and extent of similar programs in Oregon.

2. Periodically, specific academic programs being offered in the State System institutions are examined by the Board's Office, the Board's Committee, and the Board, e.g., teacher education, technical education, nursing education.

**Status of Program Cost Analysis Procedures in the State System**

An important item in program review is program cost. In the allocation of resources to programs and in program planning and program decision-making, generally, it is useful to have information about the cost of the program and the degree to which various factors contribute to that cost.

For some time, the State System has been in process of developing the tools for the determination of the cost of instructional programs.

- In 1973 funds were allocated for the development in the State System of the Resource Requirements Prediction Model (RRPM), a long-range planning model designed to aid management in determining the resource requirements of alternative policy and planning changes. Basically, RRPM is designed to make it possible to predict the effect on the resource requirements of an institution, school or division, or budgetary unit if there are changes in the assumptions about enrollment, faculty, staff or other expenses. One of the outcomes of RRPM has been the identification of data requirements and of needed changes in the various operational systems to do program costing.

- More recently, the State System has become involved in the Information Exchange Procedures (IEP) project of the National Center for Higher Education Management Systems (NCHEMS). This is a long-term project designed to facilitate and improve the exchange of comparable information and data among institutions across the country. One of the components of the IEP project is a cost study that uses data from an institution's accounting, student registration, and personnel systems to determine the costs of instruction in the various disciplines (departments) and degree programs (program majors). Information collected from the cost study includes (a) direct and full cost per credit hour by instruction level within the various disciplines and by student level within a student's program, (b) cost of other primary activities, and (c) costs of support activities.

It is anticipated that within the next six months, data on both the direct and full cost of instructional programs in the State System institutions will become available. As cost procedures are refined, it should be possible to assess the degree to which various factors influence the cost of a program, e.g., total enrollments and credit hour production in the program; size of classes; proportion of senior faculty; relative emphasis on laboratory, field, and other special-type experiences; need for special equipment.

Ultimately, the IEP project should provide the possibility of making intra- and inter-state comparisons among colleges and universities on various items relating to institutional operation and management. For
example, it will facilitate the comparison of the cost of a given program with the cost of other programs of a similar nature in comparable public institutions in other states. However, IEP is still in its early stages, and it will be a year or two before information collection procedures and the data base are sufficiently developed to make possible meaningful information exchange among the institutions at the national and inter-state level.

Status of Procedures for Assessing Program Outcomes in the State System

The survey made of present program review procedures in the State System did not attempt to identify the various means used by the institutions in the State System to determine the outcomes of benefits of a program. Program evaluation is difficult and complex. Bowen, in his essay on the products of higher education succinctly summarizes the problem: "The outcomes of programs are numerous, complexly interrelated, often subtle, sometimes unintended, difficult to identify or substantiate, hard to measure, sometimes negative, and valued differently by different observers."

One of the components of IEP gives attention to program outcomes. An outcome study is being made to identify and collect outcome measures appropriate to an institution. The outcome data are collected through a survey of current students, graduates, and employees of graduates. They include such information as the number of graduates in each program, the number of graduates seeking access to and accepted for further study, the number of graduates seeking and obtaining employment, and the extent to which graduates feel their educational experiences enabled them to meet their educational goals.

The IEP study obviously stresses the development and use of objective measures for assessing program outcomes in order to provide data that are comparable among the institutions. However, it is emphasized in this present proposal that program evaluation must be broadly based, using both objective and subjective data. The IEP program outcome measures will be useful, but should constitute only one aspect of a broadly-based, multi-faceted approach to the assessment of program outcomes in the State System.

Need for a Systematic and Comprehensive Approach to Program Review

In the light of the foregoing analysis and discussion of the functions to be served by program review, and the procedures and practices that presently prevail in the State System, what are the basic needs to be met and what should be the major points of emphasis in the development of a comprehensive and systematic plan for program review in the State System? We suggest the following as the areas of greatest need and the categories of activity on which major emphasis should be placed.

1. Consideration needs to be given to the extension of the System-wide review of low degree-conferral graduate programs currently in process to other program categories or program groupings.

2. There is great need, generally, to improve and refine program review practices and procedures. If possible, broad guidelines for program review should be developed that could be used by the institutions and the State System to strengthen and systematize program review procedures.

3. Provision needs to be made for greater articulation, coordination, and systematization of program review activities on the campus. Such systematization of program review procedures on the campus should assure the review of programs not presently covered or receiving only nominal attention and would provide for the periodic review of all programs.

In the sections that follow, a plan of action is proposed for each of the three areas of need identified as essential in the development of a comprehensive and systematic approach to program review in the State System, followed by a discussion and a rationale to support the proposed plan of action.

**System-Wide Review of Programs**

**Plan of Action**

1. The System-wide review of graduate low degree-conferral programs will be extended to include undergraduate low degree-conferral programs.

   It should be emphasized that a low level of degree conferrals in a program ought not to be taken per se as evidence that the program should be discontinued. Other factors than the number of degrees conferred must be examined, some of which may lead to the conclusion that there is justification for continuation of the program despite the low number of degrees awarded. As, for instance, when the program in question is the only program at that level in that subject matter field available in the State System and it is felt that the State System ought to make such a program available as a matter of principle; or when the unit offering the program emphasizes service to students in other programs rather than the conferral of degrees.

2. A pilot study will be made of programs that deviate very significantly in cost either above or below the norm at a particular institution, or that differ significantly in cost from similar programs in other State System institutions. The study will involve:

   a. A cost analysis to identify the factors contributing either to the relatively high or relatively low cost of the program.

   b. The selection, on the basis of the cost analysis and other criteria, of some of the programs identified in (a) for intensive academic review to study the cost-benefits interaction.

3. As experience is gained with the System-wide review of programs and as procedures are refined, the possibilities of extending System-wide review of programs to other categories or groupings of programs (e.g., new programs, duplicate programs, high-cost programs, broad categories of programs such as teacher education, business administration) will be considered.

**Guidelines for Program Review in the State System**

It is recommended that intensive efforts be directed to the development of basic guidelines and a format for program review and program evaluation. Such guidelines should:

1. Help to strengthen and refine program review practices on the several campuses and in the state, generally.
2. Provide direction and assistance to the institutions in coordinating, integrating, and systematizing their program review practices and procedures.

**Plan of Action**

It is recommended that an interinstitutional Task Force be appointed with responsibility for (1) developing and recommending broad guidelines and a format for program review; (2) acting in an advisory capacity to the Board's Office and to the institutions to help deal with problems and issues relating to the effective implementation of program review practices and procedures; and (3) serving as the liaison and communication link among the various institutions.

The Task Force will consist of representatives of the Board's Office, the institutions (experts in curriculum and evaluation and/or with responsibility for program development and program review), and the Teaching Research Division. The project will be directed by the Board's Office.

A small group of individuals (three or four) with special qualifications will be designated to assist the Office of Academic Affairs in making working papers and other materials available to the Task Force and, in general, providing the staff services needed for the Task Force to function effectively and efficiently.

Such topics as the following would be covered by the guidelines: (1) definition of program objectives; (2) kinds and types of data to be collected; (3) evaluation strategies and measurement approaches; (4) identification and measurement of program outcomes; (5) use of external evaluators; (6) analysis and interpretation of program review data; and (7) uses to be made of the data.

**Procedures and Methodology for Program Review**

If the basic thrust of program review is to be evaluative, involving an assessment of a program's benefits and effectiveness, how can programs be evaluated? What procedures and methodologies should be used? What are the indices of program quality? How does one really measure educational outcomes?

The answers given to these questions by experts in the relatively new field of program evaluation vary widely. Often the differences are semantic, but there are also fundamental differences in philosophical and methodological postures. For example, some evaluators would not go beyond the level of subjective description of a program, while others would insist that efforts at evaluations should be as scientifically rigorous in design and execution as any research in the behavioral sciences.

We do not, at this point, propose to engage in a full discussion of the various problems, issues, and complexities involved in developing a methodology for program evaluation. For the purpose of this proposal, we will list (1) some areas of agreement concerning the characteristics of program evaluation, (2) some significant steps in program evaluation, and (3) some fundamental principles that should guide program evaluation procedures and the collection of data.

**Some Areas of Agreement**

It is possible to list some characteristics of program evaluation on which there is wide, if not universal, agreement. A recent publication² has summarized some of these areas of agreement.

1. The primary purpose of evaluating an education or training program is to provide information for decisions about the program. Thus, an evaluation study should be planned with relevant alternative decisions in mind.

2. Evaluation results should be useful for program-improvement decisions, not just for decisions about continuation or termination.

3. Evaluation information should be provided in time to be useful for such decisions.

4. Evaluation is a human judgmental process applied to the results of program examination. Measurement is not evaluation, but it can provide useful data for evaluation.

5. Evaluation efforts should take into account the long- and short-term objectives of the program. It is also desirable for evaluators to be alert to any unintended effects that a program might have.

6. Just as it is important to consider effects that a program was not necessarily designed to foster, so it is important to delineate events other than the program that might have produced any effects that are discerned.

7. Models for evaluation usually have to be multivariate in nature since human behavior is complex and multivariate.

8. The processes of obtaining information for evaluation should meet appropriate criteria of objectivity, reliability, validity, practicality, utility, and ethical responsibility. Although data may be--and usually are--collected on individuals, the focus of program evaluation efforts is on the program. Thus, the measurement and interpretation systems for program evaluation have different requirements from systems designed for selection, placement, or guidance of individuals.

Significant Steps in Program Evaluation

The significant steps in program evaluation can readily be identified and simply stated:

1. Define the goals of the program.

2. Identify and measure the outcomes.

3. Compare the goals and the outcomes and then judge the degree to which the goals are achieved.

Obviously, these steps involve much more than gathering a few bits of readily available data, feeding the data into the computer, and reading off the answers. Each step in the process involves problems of identification, measurement, and judgment.

Some Fundamental Principles That Should Guide Program Evaluation Methodology

1. The degree of specificity in identifying the objectives of a program will vary with the nature of the program; complex and long-range objectives should be included even though they cannot be described in precise terms or the extent of this attainment measured with a high degree of accuracy.
Ideally, objectives should be expressed in terms of measurable student behavior. But sole emphasis on measurable objectives relating to student behavior excludes from consideration much complex and high-level student behavior which college and university programs are presumably designed to foster.

2. Program evaluation will usually be broadly conceived utilizing objective, quantitative data as well as subjective analysis and judgment.

Often secondary rather than primary criteria will be used, e.g., the jobs graduates obtain, the student-faculty ratio, the number of books in the library, the faculty's publication record, the quality of course syllabi. These are not, strictly speaking, measures of effectiveness, but are assumed to correlate with effectiveness. Although they frequently lead to subjective judgments, they identify problems that need attention and may sometimes give a better overall understanding of the program than a carefully controlled experimental approach.

3. In gathering evidence concerning the benefits and outcomes of a program attention must be given as to what evidence it is feasible to obtain.

The practicality and the cost of securing evidence must be considered. Demanding a particular kind of evidence that cannot be obtained is tantamount to saying that no evidence will be presented.

4. Judgments by outside evaluators not based on direct involvement or vested interest in the programs being reviewed are useful, and probably necessary to get a valid reading on certain programs.

Such judgments are particularly essential for highly specialized and advanced-level programs. However, the cost of such services must be considered. The degree to which outside evaluators may be used in the program evaluation process will depend on the extent to which resources can be made available.

5. Because of the difficulty in defining and measuring program outcomes, the interpretation and use of data concerning program outcomes will continue to depend largely on the subjective and even intuitive judgment of qualified persons.

There are many signs and indications that the art of program evaluation, including the measurements of educational outcomes, is improving. Significant facts and statistical data are becoming more readily available. However, judgments made with respect to the program outcomes require professional experience and sensitivity to the goals of higher education.

6. In general, the assumption is made that evaluative judgments made about programs, even if subjective, can be informed and made more credible by systematic fact-gathering and analysis.

Institutional Plans for Systematic Program Review

Present program review activities in the State System, the current and proposed Systemide review of certain categories or groupings of programs, and the proposed development of guidelines with practical applicability for program review—should culminate in the development of a plan at each institution for the systematic and periodic review of all programs. Such an institutional plan should accomplish the following:

1. Provide for the periodic review of all programs.
2. Provide for the articulation and coordination of the various program review activities on the campus (accreditation, evaluation by outside consultants, and internal review).

3. Facilitate the effective integration of the program review process into the program-planning and program decision-making process.

4. Serve to strengthen and improve program review practices at the institution, generally.

Obviously, the development of institutional plans for systematic program review must be a long-term goal. Much will depend on the success and usefulness of the various other program review activities and procedures that are initiated. Although we are not in this present proposal attempting to set any schedule for the development of institutional plans, we expect to make periodic progress reports to the Board's Committee.

Board's Office Recommendation

It was recommended that the Board's Committee accept the report here presented and that the work proceed in accordance with the following recommendations:

1. That the Board's Office, in collaboration with the institutions affected, complete the review of graduate low-degree conferral programs and report recommended action to the Board's Committee during fall term 1975.

2. That the Board's Office, in collaboration with the institutions, extend its examination of low-degree conferral programs to those at the undergraduate level and that it report to the Board's Committee during 1975-76, concerning the findings and recommendations growing out of the study.

3. That a pilot study be undertaken of a limited number of selected programs that deviate very significantly in cost either above or below the norm at a particular institution, or that differ significantly in cost from similar programs in other State System institutions as outlined on p. 621 of the present report.

Cost factors relating to specific programs will be examined and an intensive academic review will be made of a selected number of programs in studying the cost-benefits interaction.

4. That the Board's Office, in collaboration with the institutions, undertake a study of the programs on the several campuses in a given subject matter area, after the manner discussed under the heading "Broad Categories of Programs" in the full report; that the area to be studied be teacher education and related programs in the schools or divisions of education on the several campuses.

(The study of teacher education will provide the mechanism through which the processes to be used in the review of such "broad categories" of programs can be refined; and the results of the study will also provide information useful in responding to the 1975 Ways and Means Committee budget note requiring that "... the Department of Higher Education ... select one element of its budget and submit it in an alternative format designed to display comparative program costs and effectiveness. The preferred program element would be schools of education.")
5. That a Task Force be created as proposed on p. 622 to develop basic guidelines for program review and evaluation, and that it proceed forthwith to the tasks outlined for it.

It is planned that present institutional program review activities, the current and proposed System-wide review of certain categories or groupings of programs, and the proposed development of guidelines with practical applicability for program review—will culminate in the development of an integrated program review plan at each institution for the systematic and periodic review of programs.

Discussion and Recommendation by the Committee

Mrs. Johnson said program review is one of the most important matters the Board will be considering because academic programs are at the heart of the budgeting, construction and other activities of the State System. She questioned the definition of "program" as used in the report. Dr. Romney said the intent was to focus on those programs that lead to certificates or degrees.

Mr. Maden said the review of the programs should consider the geographic location because some programs may not be located appropriately in terms of the kind of program and the market which the program serves. Mr. Maden said it was a question of reviewing allocation of programs to appropriate locations and, if necessary, exploring the possibility of moving or consolidating programs.

Mrs. Johnson mentioned that the Oregon Educational Coordinating Commission established by the legislature is also going to review programs. Therefore, mutually-developed ground rules should be used in any review. The relationship to the community colleges and the cost-per-student also needs to be part of the review. Dr. Romney said the Board's Office would be in communication with the Commission.

Dr. Glenn Starlin, Vice-Provost for Academic Affairs at the University of Oregon, commented that the cost for program review is another factor that needs to be considered. He said program review is beneficial but when it is done properly it is a tremendous task. Dr. Starlin urged that budgetary support be made available to assist the institutions in providing staff time for this and other staff reviews that are requested.

Dr. Romney said a specific request would be made to the 1977 Legislature for budgetary support for program review.

The Committee recommended that the Board approve the staff recommendations as presented, including the suggestions made by Committee members with respect to the scope of the review.

Board Discussion and Action

Mr. Stewart referred to the recommendation of the Board's Office and asserted that the Board's Committee was unanimous in supporting the recommendation. He moved its adoption by the Board, at the same time entering a caution to the effect that the Board should be careful to avoid requesting more reports than are necessary, noting that the request for reports places a burden on the institutions and the Board's Office.

Mr. Mosser said that he had some reservations as to the staff recommendations. He agreed, he said, that each institution ought to adopt a plan for systematic program review. He did not think that the type of review of every program needs to be the same; one program might be reviewed one way, and another program in another way. He did not feel, he said, that the nature of program review had
to be the same at all institutions. The frequency with which reviews are made need not be the same in all institutions or for all types of programs. The main purpose for pushing for institutional program review, he said, is simply to be sure that there is some program of review in each institution and that program review had not been overlooked or accomplished in a haphazard fashion. He emphasized that in his view, the system of review needn't be the same for each institution and observed that he questioned the need for the establishment of an interinstitutional task force to develop guidelines, as proposed in the recommendations.

Dr. Romney briefly reviewed the several aspects of the staff recommendations noting that some aspects of the review are currently underway and will be pushed through to completion: (1) the low-degree conferral graduate programs, (2) the low-degree conferral undergraduate programs, (3) a pilot study of a limited number of programs that deviate markedly in cost from the norm, (4) teacher education, (5) an interinstitutional task force to develop guidelines for program review and evaluation.

He observed that the low-degree conferral graduate program study is currently underway; that the low-degree conferral undergraduate program study had not yet been begun, nor had the pilot study of programs deviating markedly in cost from the norm. The teacher education study appeared to be a desirable study inasmuch as Subcommittee 5 of the Ways and Means Committee, in a budget note, has requested that the State System submit an element of its budget in an alternative format in a manner to display comparative program costs and effectiveness. The subcommittee has suggested that teacher education be that element. Hence, it was included in the proposed program review. The task force, he said, was thought to be a desirable and useful mechanism for offering institutions input into the planning for program review.

Mr. Mosser asserted that the institutions ought to develop their own plans for program review. If compatible data for a study of teacher education across the State System are necessary, then the institutions should be asked to provide the data in the appropriate form. But, he said, he didn't think that the development of compatible data for all institutions ought to be a primary objective of the program review effort. Mr. Mosser said that he'd go for items (1), (3), and (4) in the staff recommendations. He said he had reservations concerning the need for a study of low-degree conferral undergraduate programs, and he felt that the creation of an interinstitutional task force is unnecessary.

Mrs. Johnson said that in the main she was in agreement with Mr. Mosser's stated position, but that she felt that program review is of great importance and that it must be pursued vigorously.

President Rice expressed the view that in whatever is done, the work undertaken should be coordinated with what the institutions are already doing by way of program review. He alluded to the accreditation studies that are shortly to be made in the field of teacher education. He asserted that in 1975-76, Oregon College of Education would be doing a program review of at least 60 percent of their programs in connection with accreditation.

Dr. Romney noted that the Board's Office expected fully to coordinate with what the institutions are currently doing and plan to do in program review. He noted that the Board's Office had completed a study of the institutional efforts at program review, the results of which study had been included in the report to the Board's Committee on Instruction, Research, and Public Service Programs, dated June 24, 1975, and presented to the Committee on that date. He said that that review had been made precisely for the purpose of permitting the fullest coordination of effort on the part of the Board's Office and the institutions in the development of institutional plans for program review.
In response to a question from Mrs. Johnson, alluding to the role of the new Oregon Educational Coordinating Commission in program review, Dr. Romney asserted that he had discussed with Dr. Terry Olson, Executive Director of the Commission, ground rules for review of new program proposals and that he and Dr. Olson had scheduled a further meeting within two weeks to discuss the matter of program review as it relates to existing programs.

The Board voted to approve the staff recommendations and the Committee recommendation as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. Mr. Mosser voted no. Mr. Perry was absent from the meeting at this time.

Staff Report to the Committee

A report on indirect cost recoveries associated with grant and contract projects was submitted to the Board in January 1975. That report described the dollar volume, cost categories, rate determination and budgetary procedures applicable to indirect costs. These costs represent expenses that are not chargeable directly to the grant or contract but are essential to conducting the activities to carry out the sponsored project.

Indirect cost recoveries can be described as overhead costs. In industry, proportionate costs of administration, business and other support functions are added to direct production costs to determine the total cost allocable to an activity or product. In Higher Education, proportionate costs of administration, physical plant operations, building and equipment use allowances and other support functions are added to direct costs of the grant or contract project to determine the total cost of the activity. Through this mechanism, the granting agency bears the portion of "overhead costs" generated by a project.

Recoveries are affected by indirect cost rates negotiated with Federal agencies and the volume of activity conducted during a fiscal year. Recovery rates are currently at a fixed rate with carry forward adjustments at the University of Oregon, Oregon State University and the Health Sciences Center, which means that recoveries at an agreed upon rate are subject to audit and subsequent revision. Other institutions operate under a predetermined rate which is not adjusted retroactively. Under the fixed rate with carry forward agreements, an institution is required to repay excess recoveries, through a reduced rate in subsequent periods, if the audit determines that the recovery rate was greater than the audited rate would have produced. Supplemental recoveries would also apply if the recovery rate were less than the audited rate. Fixed rates with carry forward thereby create a variable in recovery potential which cannot be calculated until the rate audit is conducted.

Volume fluctuations inject another uncertainty into indirect cost recovery estimates. Unanticipated declines in volume reduce recoveries and cause disruptive expenditure adjustments when the change occurs within one fiscal year. The potential for both rate and volume changes lead to the need for a process through which an institution can adjust to the changes in a planned orderly fashion.

During years 1972-73 and 1973-74, the University of Oregon, Oregon State University and the Health Sciences Center operated under the fixed rate agreement. In recognition of the potential for rate adjustments, indirect cost recoveries were not fully expended so that a contingency reserve could be established. The
State Division of Audits, in its 1972-73 audit report, criticized the reserves on the basis that they were deemed to be excessive and that full Board control of the funds had not been exercised. The criticism was not directed at the principle of reserving funds to deal with retroactive rate adjustments.

Staff examination of the indirect cost recovery issues has led to a recommendation to authorize contingency funds applicable to indirect cost recovery adjustments. The recommendations are that:

1. Contingency funds be authorized at each institution as a protection against rate and volume changes. Amounts would be limited to $250,000 each for the University of Oregon, Oregon State University and the Health Sciences Center. A separate fund limited to $50,000 would be authorized at the University of Oregon relative to the Tongue Point Job Corps Center in recognition of the differences in risks and the off-campus recovery rate applicable to the Center. Other institutions may establish contingency funds at limits established by the Chancellor, based upon the amount of indirect cost recoveries in the institution's operating level.

2. Contingency funds not now established may be accumulated, within the recommended limits, to the extent that recoveries exceed amounts committed to expenditure.

3. The purpose of the contingency fund is to protect against rapid fluctuations in volume and rates. When such fluctuations occur, it is intended that all or part of the fund be applied to augment current recoveries so that undue budget reductions do not occur within one fiscal period.

4. If, after applying a portion of the funds to cover deficiencies, excess recoveries occur in a subsequent fiscal period, the fund may be rebuilt to its limit. This process will enable the institution to maintain the protection over an extended period of time.

5. Use of the contingency fund and any change in the budgeted indirect cost recoveries will be subject to the Chancellor's approval.

6. Within the authorized limits and resources available to the institutions, the contingency funds may be established in closing fiscal year 1974-75 so that the protection afforded by the policy is effective during year 1975-76.

Staff Recommendation to the Committee

It was proposed that the foregoing guidelines be recommended by the Committee on Finance for adoption by the Board as policy for the Department.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendation as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. The President, Mr. Mosser, did not cast a vote. Mr. Perry was absent from the meeting at this time.
Staff Report to the Committee

The Budget Report by the Ways and Means Committee of the 1973 Legislature provided biennial expenditure levels for the central station and each of the branch stations. The Budget Notes suggested that the Division should place more emphasis on research conducted at the branch stations. The Notes further specified that each station was to operate within its limitation unless the Board of Higher Education approved transfers among the stations.

In March 1975, the Board approved a recommendation which redistributed branch station expenditure levels that resulted in a net increase of $92,355 in branch station budgets, offset by a decrease of a similar amount for the central station. Since that revision request was prepared, further changes have occurred which result in the need to redistribute $35,866 from the central station to the branch stations. The changes at most stations result from increased costs of fertilizers, feed, and oil products over the initial budget. Other changes include: a Columbia Basin Station adjustment for personnel changes; a Squaw Butte Station adjustment for the purchase of cattle for an Anaplasmosis study; a Southern Oregon Station adjustment for purchase of an irrigation system. All of the increases are offset by reductions in the central station.

The adjustments are summarized below:

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Staff Recommendation to the Committee

It was recommended that the Committee recommend to the Board the increase of $35,866 in branch station expenditure authority, offset by a decrease in like amount for the central station expenditures, as summarized in the staff report to the Committee.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendation as presented.
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Board Discussion and Action

Mrs. Johnson said she would vote against the recommendation because the amount in question was a mere pittance in terms of the total budget and did not provide additional experimentation at the branch stations. She said the $35,000 covered additional costs and did not fulfill either the obligations set forth by the Ways and Means Budget Committee report or the intent of the blue ribbon committee reviewing experiment stations.

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Carpenter, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. Mrs. Johnson voted no. The President, Mr. Mosser, did not cast a vote, and Mr. Perry was absent from the meeting at this time.

Closure of C. M. & E. Company Trusteeship of Allen McKenzie

It was recommended that the Board adopt the following resolution in connection with the closure of the trusteeship of the interest of the Board in the stock of the C. M. & E. Company. A copy of the Report of Trustee appears as Supplement A to these minutes.

RESOLUTION

WHEREAS, on June 15, 1967, Allen McKenzie was appointed Trustee for the Oregon State Board of Higher Education for and on behalf of the University of Oregon Medical School to receive as trustee and to administer all assets distributable to the Board by the trustee in liquidation of the C. M. & E. Company, a Washington corporation, in accordance with a gift made by Mrs. Esther Perrault of 345 shares of the stock of C. M. & E. Company, and

WHEREAS, the said Allen McKenzie entered upon said trust and performed all of the duties thereof and whereas he has fully reported and accounted to the Board of Higher Education upon all of his activities as such said trustee and has assigned, set over, transferred and delivered to the Board of Higher Education all assets remaining in his hands as trustee,

NOW THEREFORE, in consideration of the premises, the Oregon State Board of Higher Education does hereby accept and approve the report and accounts filed by the said Allen McKenzie, trustee, and does hereby release him from any and all liability to the State of Oregon, and does hereby acknowledge that the said Allen McKenzie has faithfully performed his fiduciary duties as such trustee.

Board Discussion and Action

Upon motion by Mr. Joss, the Board adopted the above resolution on roll call vote, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Stewart, and Mosser.

Those voting no: None. Mr. Perry was absent from the meeting at this time.

The President of the Board thereupon declared the resolution duly adopted by a unanimous vote of those present.

Mr. Joss commended Mr. McKenzie for his performance as trustee.
In its amended form, Senate Bill 539 (Chapter 610, Oregon Laws of 1975) provides for the acquisition of Station KVDO-TV (Channel 3), Salem, by the Department of Higher Education. That bill authorizes the appropriation of $79,000 for acquisition and the sale of Article XI-G bonds in the sum of $79,000.

Senate Bill 539 (Chapter 610, Oregon Laws of 1975) and the Budget Note accompanying it place certain requirements on the acquisition of the station, as follows:

"In addition to the specific instructions in SB 539 for the Emergency Board approval process related to acquisition and operation of the KVDO-TV equipment and facilities, it is the intent and full understanding of the Joint Ways and Means Committee that the Department of Higher Education conduct negotiations in such a manner as to obtain an agreement whereby:

1. No additional General Fund moneys will be required for acquisition or operation of such facilities in 1975-77.

2. The appropriation and bonded indebtedness (including debt service) approved in this bill will be repaid before the end of the 1977-79 biennium."

After passage of Senate Bill 539, discussions were resumed with Liberty Broadcasting, Eugene Television and Lane Community College. A proposed new agreement has been prepared for final consideration and execution by all four parties. The agreement contains the following major elements and conditions:

1. Oregon Educational and Public Broadcasting Service, on behalf of the Board of Higher Education, will be the sole manager and operator of KVDO-TV, commencing not later than December 31, 1975, if:

   a. The Board of Higher Education authorizes the Board's Office to enter into the agreement, to seek from the Federal Communications Commission a transfer of license from Corvallis Cable to the State of Oregon, acting by and through the State Board of Higher Education, and reservation of Channel 3 in Salem for operation as an educational broadcasting station. (This authorization was granted by the Board at its meeting on March 25, 1975.)

   b. The Federal Communications Commission awards a transfer of license to the State of Oregon, acting by and through the State Board of Higher Education.

   c. Sufficient assurances of private donations to Oregon Educational and Public Broadcasting Service have been received to comply with the Budget Note attached to Senate Bill 539.

   d. The Emergency Board has given all the necessary approvals for Higher Education to proceed.

2. Oregon Educational and Public Broadcasting Service and Lane Community College will provide for training for Lane Community College students in broadcasting to be supported by a portion of gifts totaling $275,000 from Eugene Television to Oregon Educational and Public Broadcasting Service in accordance with the following schedule:
On or before December 31, 1975 $ 40,000
On January 15, 1976 $ 37,500
On or before March 1, 1976 $ 40,000
On January 15, 1977 $ 37,500
On or before December 31, 1977 $ 40,000
On or before December 31, 1978 $ 40,000
On or before June 30, 1979 $ 40,000

3. Liberty Television shall provide Higher Education with a binding commitment to donate the remainder of the funds needed to comply with the Budget Note to Senate Bill 539.

4. Lease agreements now held by Corvallis Cable for the present facilities will transfer to Oregon Educational and Public Broadcasting Service with a one-year cancellation provision as to the existing studio.

The agreements and various documents required by the Federal Communications Commission and others in this matter have been reviewed and revised in consultation with the Board's attorney and with Washington, D.C., legal associates of Mr. John Kendall, Special Legal Consultant for Oregon Educational and Public Broadcasting Service.

Staff Recommendation to the Board

It was recommended by the Chancellor that the Board's Office be authorized to enter into an agreement on behalf of the Board for acquisition and operation of KVOO-TV (Channel 3) Salem, with the understanding that the agreement does not take effect until a transfer of license has been awarded by the Federal Communications Commission and all financial conditions and other requirements have been met.

Board Discussion and Action

Mr. Maden asked about the source of the contributions for the acquisition of the station and questioned whether the contributors would benefit if KVOO were eliminated as a competitive commercial station.

Mr. Larson replied that he had been informed that the station has been operated for several years at a substantial loss and that the possibility of its being operated profitably as a commercial station is very remote. He said that in the process of assigning a license for educational purposes to the State of Oregon, every opportunity would be available for commercial interests to file in opposition to that license and have a hearing before the Federal Communications Commission. He explained that historically throughout the nation, the development of educational broadcasting could be described as enlightened self-interest because the commercial stations were unable to do the kinds of things that could be done by educational public broadcasting.

The Board approved the staff recommendation, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, McIntyre, McLaurin, and Stewart. Mr. Maden voted no. The President, Mr. Mosser, did not cast a vote, and Mr. Perry was absent from the meeting at this time.

Mr. Maden explained his negative vote by saying that, in his opinion, there may be a potential conflict of interest with respect to private donations for the purchase of this station. He said it could be interpreted that it was in the interest of the private donor to preclude the use of KVOO in Salem for commercial use as a direct competitor.
Within the capital construction program approved by the 1973 Legislature was an expenditure limitation of $170,000 for parking improvements, including land, at Southern Oregon State College. As reported to the Board on July 23 and September 25, 1973, approximately $50,000 of this authorization was used for the paving and landscape development of Parking Lot #14, which is north of Ashland Street and east of Palm Avenue, immediately south of Taylor Hall and west of Central Hall. It was contemplated that most of the remainder of the expenditure authorization would be used for the acquisition of land within areas designated for future parking consistent with the 5-year plan reviewed and approved by the Board on July 24, 1972. To date, only one additional property purchase has been made, involving about $15,000, so there is an unencumbered balance of approximately $105,000 remaining within the original expenditure limitation. All of the funding for the project is being provided from self-liquidating bond borrowings under the provisions of Article XI-F(1) of the Oregon Constitution and/or from balances available for auxiliary enterprises.

Institutional officials have proposed that the area immediately west of Parking Lot #14, bounded by Ashland Street on the south, Palm Street on the east, Mountain Avenue on the west and the Music Building area on the north, be improved. It has been used as a temporary parking lot (identified as Parking Lot #15) for about 227 vehicles, but without any improvements. The proposal is to install drainage, pave and make landscape improvements so that it would accommodate about 114 cars on the western portion of the site and to plant grass on most of the area closest to Palm Avenue. One of the objectives is to eliminate a problem of erosion of loose granite which has been of major concern to the City of Ashland in the maintenance of storm drains down the hill at the intersection of Siskiyou Boulevard and Palm Avenue. City officials have also cited the hazards involved to pedestrians, bicyclists and motorists when the granite or other surface material is washed away from the unimproved parking lot onto streets and sidewalks during heavy rain storms.

It was recommended that the appropriate Board officials be authorized to approve plans and specifications now being prepared for the improvement of Parking Lot #15 and the adjacent landscaped area and authorize the expenditure of approximately $27,500 of self-liquidating bond borrowings and/or balances from auxiliary enterprises for this purpose as part of the project approved by the 1973 Legislature for parking improvements, including land, at Southern Oregon State College.

The Board approved the staff recommendations as presented, with the following voting in favor: Directors Johnson, Joss, Layman, Maden, McIntyre, and McLaurin. The President, Mr. Mosser, did not vote. Directors Carpenter, Perry, and Stewart were absent from the meeting at this time.
a lease to Merle McKee and W. C. Harrington. The lease contains an option permitting the lessees to buy the property for the sum of $60,000. The option requires a payment of $12,000 down, with monthly payments on the balance over a period of 15 years. The rate of interest is equal to the prime rate, adjusted quarterly. The option has been exercised, and the lessees have paid the sum of $12,000. It is proposed that the State Board of Higher Education convey the property to the lessees, and receive a promissory note, secured by mortgage, for payment of the remaining balance of $48,000, plus interest as it accrues. The Board's attorney has approved the proposed documents as to form.

Staff Recommendation to the Board

It was recommended that the Board approve the request and that it authorize the President and Secretary to execute the deed and to receive back a promissory note and mortgage.

Board Discussion and Action

Mr. Layman said normally a larger down payment would be required for a deed and mortgage purchase. The Board discussed alternatives for consummating the property purchase.

The Board approved a motion to authorize the President and Secretary of the Board to proceed with the execution of a deed taking back a promissory note and trust deed or a contract of sale, if the down payment remained at $12,000; or to take back a note and mortgage if the down payment were increased to $20,000. The following voted in favor of the motion: Directors Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. Those voting no: None. The President, Mr. Mosser, did not cast a vote. Directors Carpenter and Perry were absent from the meeting at this time.

Mr. Layman said the nominating committee had been considering its recommendations for Board officers but the committee was faced with a variable situation on Board membership with one certain change and two possible changes in membership in the very near future.

He said the nominating committee recommended that the matter of the election of officers be continued until the next regular or special meeting of the Board. He said the committee was aware of the provision in the Administrative Rules stating that Board officers would be elected in July, but under the circumstances it was appropriate to defer action for one meeting.

Mr. Layman moved that the election of officers be continued until the next regular or special meeting of the Board, with full authority for the existing officers to act in the interim.

The Board approved the recommendation as presented, with the following voting in favor: Directors Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. The President, Mr. Mosser, did not cast a vote. Mrs. Carpenter and Mr. Perry were absent from the meeting at this time.

Mr. Mosser appointed a new nominating committee consisting of Mr. McLaurin as Chairman, Mr. Maden and Miss McIntyre.
Included in the Safety Deficiency Correction Program (Phase I), which the 1975 Legislature authorized for Eastern Oregon State College, were improvements to the automatic fire sprinkler and alarm system for Ackerman School. Plans and specifications therefor were prepared with the assistance of Morrison, Funatake & Associates, Inc., consulting engineers, Portland, and were accepted by the Board's Office upon recommendation of institutional officials. Five bids were received for this work on May 22, 1975, ranging from a low of $30,300 to a high of $41,049. Since the low bid was well within the estimate and the funding resources available, a contract award was made and the following tentative budget was approved:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs - National Automatic Sprinkler Company of Oregon, Portland</td>
<td>$30,300</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>$3,030</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>$5,000</td>
</tr>
<tr>
<td>Contingencies</td>
<td>$7,500</td>
</tr>
<tr>
<td><strong>Total budget</strong></td>
<td><strong>$45,830</strong></td>
</tr>
</tbody>
</table>

Other portions of the Safety Deficiency Correction program are being accomplished by the Physical Plant staff of the institution. The total expenditures, including the requirements for the contract identified above, shall not exceed the total of $100,000 budgeted for Eastern Oregon State College out of the expenditure limitation of $5,920,000 authorized by Chapter 48, Oregon Laws 1975, for the correction of safety deficiencies on the various campuses. The project will be financed in equal shares from the General Fund appropriation in the Act and from Article XI-G bond borrowings.

RECAPITULATION UPON RECEIPT OF BIDS AND CONTRACT AWARD

Project - Ackerman School Fire Protection Improvements portion of the Safety Deficiency Correction Program (Phase I), EOSC

Engineers - Morrison, Funatake & Associates, Inc., Portland

Board's Priority - Part of No. 1 in 1975-1977 (Educational and General Plant)

Legislative authorization - Chapter 48, Oregon Laws 1975

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total project costs</td>
<td><strong>$45,830</strong></td>
</tr>
<tr>
<td>Total direct construction costs</td>
<td><strong>$30,300</strong></td>
</tr>
</tbody>
</table>

Scheduled completion - September 1975

Tentative financing plan:

- General Fund appropriation within Chapter 48, Oregon Laws 1975 - **$22,915**
- Bond borrowings under provisions of Article XI-G of the Oregon Constitution - **$22,915**
- **Total** - **$45,830**

Board Discussion and Action

The Board received the report as presented.
Acceptance of the Design Development Phase of Planning for Marine Science Center Library and Laboratory Addition, OSU

The schematic design phase of planning for the proposed Library and Laboratory Addition at the Yaquina Bay Marine Science Center for Oregon State University was approved by the Board on January 22, 1974. Thereafter, the project architects, Hewlett, Jamison, Atkinson & Luey, Portland, were authorized to undertake the design phase of planning. Inasmuch as these plans, which were completed recently, were in general conformance with the schematic design previously approved by the Board, they were accepted by the Board's Office and authorization was given to the architects to proceed with the construction documents.

The total gross area of 15,875 square feet includes a covered connector (previously omitted) and reflects more precise calculations compared with the earlier estimate of 15,400 square feet. Based upon an anticipated bid opening later in 1975, the direct construction costs are estimated to be $809,422.

The construction project was authorized by the 1975 Legislature with an expenditure limitation of $970,000. It is expected that funding will be provided in equal shares from the General Fund appropriation and Article XI-G bonding.

RECAPITULATION UPON THE ACCEPTANCE OF DESIGN DEVELOPMENT PHASE OF PLANNING

Project - Marine Science Center Library and Laboratory Addition, OSU
Architects - Hewlett, Jamison, Atkinson & Luey, Portland
Board's priority - No. 9 in 1975-1977 (Educational and General Plant)
Legislative authorization - Chapter 331, Oregon Laws 1975

Approximate gross area of addition - 15,875 square feet

Estimated total project cost $ 970,000
Estimated direct construction costs:
  Total, excluding sitework and utilities $ 809,422
  Average (per square foot) - $45.34

Tentative schedule:
  Bidding - November 1975
  Completion - December 1976 or earlier

Tentative financing plan:
  General Fund appropriation within Chapter 331, Oregon Laws 1975 $ 485,000
  Bond borrowings under provisions of Article XI-G of the Oregon Constitution 485,000
  Total $ 970,000

Board Discussion and Action

The Board received the report as presented.
Insurance Company of America for $1,750,000. Title to the real estate and to the personal property within the building was transferred on June 23, 1975. As reported to the Board on June 24, a management contract was negotiated with Professional Food-Service Management, Inc. for the operation of the residence hall for Oregon State University.

Pending the availability of proceeds from the sale of bonds on July 22, 1975, under the provisions of Article XI-F(1) of the Oregon Constitution, interim financing was arranged consistent with the program approved by the Board on May 20, 1975.

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Inasmuch as the design development phase of planning for the proposed remodeling of Withycombe Hall at Oregon State University, completed by the project architects, Martin, Schultz & Geyer, Eugene, was generally in conformance with the schematic design approved by the Board on January 21, 1975, the Board's Office has acknowledged acceptance upon the recommendation of institutional officials. The gross area was refined slightly to a new total of 40,910 square feet, compared with the earlier estimate of 41,045 square feet. Both figures include the proposed new exterior stairway but exclude the lecture hall-auditorium in which air conditioning would be provided but no other remodeling work would be done.

Based upon an earlier projected bid date of December 1975, the estimated total direct construction costs were reported to be approximately $1,443,526 and the total project cost was indicated at $1,815,000 in the Board's capital outlay requests for 1975-1977. Funding was expected to be provided in equal amounts from a General Fund appropriation and Article XI-G bond borrowings.

Because the project was not authorized by the 1975 Legislature, further architectural planning has been deferred.

RECAPITULATION UPON ACCEPTANCE OF DESIGN DEVELOPMENT PHASE OF PLANNING

Project - Withycombe Hall Remodeling, OSU

Architects - Martin, Schultz & Geyer, Eugene

Board priority - No. 5 in 1975-1977 (Educational and General Plant)

Legislative authorization - Requested but not obtained in 1975

Approximate gross area of remodeling (including construction of a new stair but excluding the auditorium) - 40,910 square feet

Estimated project cost $ 1,815,000

Estimated direct construction costs:

  Total $ 1,443,526
  Total - excluding air conditioning of auditorium $1,410,003
  Average (per square foot) - $34.47

Tentative schedule: Deferred pending legislative authorization in 1977
Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

On June 24, 1975, the Board authorized expenditures of $56,250 of research overhead funds for a proposed physical oceanography service laboratory unit at Oregon State University as part of the Oceanography Research Service Facilities approved by the 1971 Legislature in the total amount of $200,000. Inasmuch as authorization was also granted by the State Emergency Board on June 27, a contract award was made to the low bidder and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs</td>
<td>$52,903</td>
</tr>
<tr>
<td>Engineering costs and construction supervision</td>
<td>1,500</td>
</tr>
<tr>
<td>Contingencies and miscellaneous costs, including building permit</td>
<td>1,847</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$56,250</strong></td>
</tr>
</tbody>
</table>

Of the total requirements, $35,000 is being provided from building use credits and the remaining $21,250 is being financed from indirect cost allowances available to the Department of Oceanography.

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

On March 25, 1975, when the Board reviewed recommendations applicable to the siting of the Woodcock House and other old residences which might be moved to the campus of Oregon State University, the matter was referred back to the Committee on Finance, Administration, and Physical Plant "for further study in an effort to resolve some of the legal and financial questions which were discussed."

According to recent press reports, Benton County has sold the Woodcock House at public auction to Mrs. Walter Kraft, a resident of Corvallis who indicated an intent to relocate the building onto land which she and her husband own.

In view of these developments subsequent to the March 25 meeting, further study by the Board's Committee on Finance, Administration, and Physical Plant will not be necessary.

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Pursuant to authorization granted by the Board on May 22, 1973, plans and specifications for the replacement of foundations for some of the units within the Amazon Housing Complex at the University of Oregon were prepared with the assistance of Frank Honey and Associates, Inc., structural engineers, Portland. Bids for this work were received in Eugene on June 4, 1975. The quotations submitted by eight contractors ranged from a low of $124,127 to a high of $203,490. Inasmuch as the low bid was within the resources available, a contract award was made and the following tentative budget was approved for the project:
### Report of Acquisition of College Inn Property in Eugene, UO

**Direct construction costs - V. A. Harding Construction Co., Eugene**

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional service fees</td>
<td>$7,500</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>$6,040</td>
</tr>
<tr>
<td>Physical Plant costs and miscellaneous expenses</td>
<td>$6,127</td>
</tr>
<tr>
<td>Contingencies</td>
<td>$6,206</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$150,000</strong></td>
</tr>
</tbody>
</table>

The work may be described briefly as follows: The perimeter wood-frame foundations of 21 single-story buildings, each approximately 21 feet wide by 100 feet long and containing four dwelling units, will be replaced with lightweight, precast, reinforced concrete wall segments whose ends butt and rest upon new spaced concrete footings, and the floors of the units leveled. In addition, regrading immediately adjacent to and around the buildings will be required, and in some instances footing drains installed.

The indicated total of $150,000 for this maintenance and repair project is well within the limitation of $170,000 approved by the Board. All of the funds required are being provided from the repair and replacement reserves from married student housing operations at the University.

The scheduled completion date is in November 1975.

**Board Discussion and Action**

The Board received the report as presented.

### Staff Report to the Board

Based upon authorization granted by the Board on November 26, 1974, and by the State Emergency Board on January 7, 1975, the College Inn property at 1000 Patterson Street, Eugene, was purchased from The Prudential Insurance Company of America for $1,650,000. Title to the real estate and to the personal property within the building was transferred on June 16, 1975, and the University of Oregon took over the operations of the residence hall on that date.

Funds for the acquisition of the property were provided from proceeds from the sale of bonds under the provisions of Article XI-F(1) of the Oregon Constitution.

**Board Discussion and Action**

The Board received the report as presented.

### Report of Appointment of Architects for Hospital Dietary Area Alterations, UOHSC

**Staff Report to the Board**

Upon the recommendation of officials of the University of Oregon Health Sciences Center, arrangements have been made for the professional services of Architects Broome, Selig, Oringdulph and Partners, Portland, in connection with proposed alterations within the dietary areas of University Hospitals South and North. The first phase of the architects' work will be the review, verification and study of recommendations formulated in 1974 by Bert Marshall, Jr., food service consultant, and the preparation of diagrammatic and schematic designs and cost estimates, all on a time and materials basis within a maximum charge of $13,500. If authorization is given thereafter for the design and contract administration of the alterations, the maximum charge, inclusive of work within the first phase, shall not exceed 12 percent of the direct construction costs.
Funds required for the initial study are being provided from resources available to the institution. At a later time, when the scope of work has been defined and cost estimates are available, recommendations will be submitted to the Board concerning a financing plan to undertake the proposed alterations which are essential to the accreditation and licensing of the hospitals.

Board Discussion and Action

The Board received the report as presented.

Report of Bids and Contract Award for the Ophthalmology Clinic Expansion, UOHSC

On May 20, 1975, a report was made to the Board concerning the acceptance of the construction documents phase of planning for the Ophthalmology Clinic Expansion at the University of Oregon Health Sciences Center in Portland. Thereafter, bids were received on June 10, 1975, from six contractors whose quotations ranged from $262,344 to $328,700 after excluding a deductive alternate for the omission of certain interior cabinet work. Inasmuch as the low bid was within the resources available, a contract award was made and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs-Bart Hess Building Contractor, Portland</td>
<td>$262,344</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>28,000</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>7,500</td>
</tr>
<tr>
<td>Physical Plant and miscellaneous costs</td>
<td>4,000</td>
</tr>
<tr>
<td>Contingencies (5 percent of direct construction costs)</td>
<td>13,156</td>
</tr>
<tr>
<td><strong>Total project costs</strong></td>
<td><strong>$315,000</strong></td>
</tr>
</tbody>
</table>

The indicated total of $315,000, which excludes donated furnishings and equipment, corresponds with the expenditure limitation approved by the Board and the 1975 Legislature. Authorization to proceed with the project was obtained at the January 7, 1975, meeting of the State Emergency Board.

The project will provide an addition of approximately 3,563 square feet of gross area in new construction on the tenth floor of University Hospital South, utilizing space which is presently a roof deck of the East Wing. Construction will be of concrete and steel in order not to impair the present vertical expansion capacity of this wing. The exterior appearance and the interior finishes will match those of the existing building.

The new space, adjacent to the existing Adult and Children's Eye Clinics, will relieve presently overcrowded conditions. Approximately 2,000 square feet of the new area is to be occupied by the new Children's Eye Clinic and Center to be identified with the Elks Vision for the Future program which has provided extensive financial support to the Medical School for many years. Three rooms on the south side of the new space will be occupied by photographic, optics, prosthetics, and instrument laboratories. Five examining rooms, two staff offices, three waiting rooms, a visual fields room, a dark room, a nurses station, and a utility room comprise the remainder of the space. Minor remodeling within the existing tenth floor area will provide staff access and the integration of new spaces with the existing clinic areas.

Architects for the project are Daniel, Mann, Johnson & Mendenhall/Hilton of Portland. All of the funds required for the project are being provided from gifts and grants in accordance with the financing plan approved by the Board on May 20, 1975. No state tax funds are involved in the construction.
RECAPITULATION UPON RECEIPT OF BIDS AND AWARD OF CONTRACT

Project - Ophthalmology Clinic Expansion, UO HSC

Architects - Daniel, Mann, Johnson & Mendenhall/Hilton, Portland

Board priority - No. 19 in 1973-1975 (Educational and General Plant)

Legislative authorization - Chapter 592, Oregon Laws 1973

Estimated gross area - 3,563 square feet

Estimated total project costs $ 315,000

Direct construction costs - Total
Average (per square foot) - $73.63

Scheduled completion - December 1975

Financing plan:

Gifts and Grants:
  UO Medical School Advancement Fund $ 80,000
  B.P.O.E. contributions 70,000
  Watzek Ophthalmology Endowment Income 54,000
  Weeks Ophthalmology Fund 64,500
  Watzek Reserve for Ophthalmology 46,500
  Total $ 315,000

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Upon the recommendation of officials of the University of Oregon Health Sciences Center, arrangements have been made for the professional services of Ezra D. Ehrenkrantz and Associates, P.C., New York, for a space/staff test study limited to four selected departments (one each from Basic Science, Clinical Science, Administration and Central Service). The study is to assemble data on the use of current space, to document existing space and staffing patterns, and to make projections of the space and staff needs for the next decade at the institution. The four model departments will be identified to test the procedures and system involved prior to making a decision as to whether or not to proceed with the study on a campus-wide basis.

For their services, the consultants are to be compensated on a time and materials basis not to exceed $18,000. Funds for the study have been advanced from the Board's reserve for architectural/engineering planning with the understanding that they will be repaid from a subsequent capital construction project at the University of Oregon Health Sciences Center.

Board Discussion and Action

The Board received the report as presented.
Report of Bids
and Contract
Award for Safety
Deficiency
Correction
Program
(Phase I), SOSC

Staff Report to the Board

With the assistance of Marquess & Marquess, consulting engineers, Medford, plans and specifications were prepared for the correction of various safety deficiencies on the campus of Southern Oregon State College authorized by Chapter 48, Oregon Laws 1975. Upon the recommendation of institutional officials, these plans were accepted on behalf of the Board and bids for the major part of the work were opened in Ashland on June 26, 1975. As adjusted to exclude a deductive alternate being exercised, the quotations received from three contractors ranged from $142,915 to $157,681. A contract award was made to the low bidder and the following tentative budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs-Patterson Plumbing Co., Inc., Medford</td>
<td>$142,915</td>
</tr>
<tr>
<td>Other construction work expected to be done by the Physical Plant Department or by contract</td>
<td>$22,692</td>
</tr>
<tr>
<td>Total direct construction costs</td>
<td>$165,607</td>
</tr>
<tr>
<td>Professional service fees</td>
<td>$9,000</td>
</tr>
<tr>
<td>Physical Plant costs and miscellaneous expenses, including construction supervision</td>
<td>$3,893</td>
</tr>
<tr>
<td>Contingencies</td>
<td>$6,500</td>
</tr>
<tr>
<td>Total</td>
<td>$185,000</td>
</tr>
</tbody>
</table>

The work included within the contract includes improvements to the mechanical, electromechanical and electrical systems in various buildings on the campus of Southern Oregon State College, such as the addition of heating, ventilating and air conditioning units within Science and Taylor Halls, the installation of additional fume hoods and room exhausts within Science and Taylor Halls, the installation of sawdust collection systems in carpenter shops in Central and Taylor Halls, the installation of a paint spray booth in Taylor Hall, the installation of battery-powered emergency lighting in Churchill, Central, Science and Taylor Halls, the installation of smoke detector activated door closers in Churchill, Central and Science Halls and the Physical Education Building, and miscellaneous structural and electrical safety improvements within Science, Churchill and Taylor Halls.

The total project costs of $185,000 correspond with the amount budgeted for this work at Southern Oregon State College out of the expenditure limitation of $5,920,000 authorized by Chapter 48, Oregon Laws 1975, for the correction of safety deficiencies on the various campuses. The project will be financed equal shares from the General Fund appropriation in the Act and from Article XI-G bond borrowings.

RECAPITULATION UPON RECEIPT OF BIDS AND CONTRACT AWARD

Project - Correction of Safety Deficiencies (Phase I), SOSC

Engineers - Marquess and Marquess, Medford

Board priority - Part of No. 1 in 1975-1977 (Educational and General Plant)

Legislative authorization - Chapter 48, Oregon Laws 1975

Estimated total project costs                                     $185,000
Estimated direct construction costs                              $165,607
Scheduled completion - October 1975

Financing plan:
   General Fund appropriation within Chapter 48, Oregon Laws 1975
   Article XI-G bond borrowings
   Total
   $92,500    $92,500    $185,000

Board Discussion and Action

The Board received the report as presented.

Report of Bids and Contract Awards for Safety Deficiency Correction Program (Phase I), OCE

Utilizing plans and specifications prepared with the assistance of Morrison, Funatake & Associates, Inc., consulting engineers, Portland, bids were received in Monmouth on May 29, 1975, for the correction of safety deficiencies in various buildings at Oregon College of Education, which had been authorized by the 1975 Legislature. Separate basic bids were called for major categories of work and the following is a tabulation thereof:

<table>
<thead>
<tr>
<th>Basic Bid</th>
<th>Category</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Fire Protection Sprinkler Work</td>
<td>7</td>
<td>$24,690</td>
<td>$36,975</td>
</tr>
<tr>
<td>B</td>
<td>Electrical Work</td>
<td>5</td>
<td>$14,596</td>
<td>$43,480</td>
</tr>
<tr>
<td>C</td>
<td>Mechanical Work</td>
<td>4</td>
<td>$37,809</td>
<td>$59,000</td>
</tr>
<tr>
<td>D</td>
<td>Miscellaneous General Work</td>
<td>3</td>
<td>$41,250</td>
<td>$49,703</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the low bids was within the estimates and resources for the work, contract awards were made and the following tentative budget was approved for the project:

Direct construction costs:
   A-Grinnell Fire Protection Systems Company, Inc., Lake Oswego
   B-Vibbert Electric, Inc., Salem
   C-Raco, Inc., dba Valley Plumbing & Heating Salem
   D-L. D. Mattson, Salem
   Total direct construction costs
   $118,345

Professional services fees
   $11,835

Construction supervision & miscellaneous costs
   $6,000

Contingencies
   $9,468

Subtotal
   $145,648

Less-Rehabilitation work funded from Board's reserve for physical plant rehabilitation and minor capital outlay (included within direct construction contract awards above):

Remodeling darkroom for Audio-Visual Department within Library
   $4,000

Replacement of heating and ventilating unit for Wolverton Pool in Old Physical Education building
   4,000

Net budget requirements applicable to Safety Deficiency Correction Program (Phase I)

   $137,648
The Safety Deficiency Correction Program (Phase I) was the Board's highest priority in the listing for the Educational and General Plant in 1975-1977. The 1975 Legislature responded to Governor Straub's plea for early implementation of this work in an effort to stimulate the economy of the state and authorized this work under Chapter 48, Oregon Laws 1975, substantially prior to the consideration of the Board's other capital construction requests.

The work included in the budget above for Oregon College of Education consists of fire sprinkler protection, exitway and access improvements, guardrail and handrail improvements, door revisions, and electrical system corrections in Campbell Hall; fire sprinkler protection, swimming pool water quality improvement, and door revisions in the Old Physical Education Building; electrical system corrections, exitway and access improvements, mechanical revisions, and darkroom improvements in the Library; and electrical system improvements in The Cottage.

Other items of work for the correction of safety deficiencies are being accomplished by the Physical Plant staff of the institution. The total of all expenditures shall not exceed the budget of $150,000 allocated from the expenditure limitation of $5,920,000 authorized by Chapter 48, Oregon Laws 1975, for the correction of safety deficiencies on the various campuses. Funds are being provided in equal shares from the General Fund appropriation in the Act and from Article XI-G bond borrowings, consistent with the program approved by the Joint Committee on Ways and Means on April 1, 1975, when authorization was given to the Board to proceed with this work.

RECAPITULATION UPON THE RECEIPT OF BIDS AND AWARD OF CONTRACTS

Project - Safety Deficiency Corrections Program (Phase I), OCE
Engineers - Morrison, Funatake & Associates, Inc., Portland
Board's priority - Part of No. 1 in 1975-1977 (Educational and General Plant)
Legislative authorization - Chapter 48, Oregon Laws 1975

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total project cost</td>
<td>$137,648</td>
</tr>
<tr>
<td>Total direct construction costs (including portion financed from Board's reserve for physical plant rehabilitation and minor capital outlay)</td>
<td>$118,345</td>
</tr>
<tr>
<td>Scheduled completion - September 1975</td>
<td></td>
</tr>
<tr>
<td>Financing plan:</td>
<td></td>
</tr>
<tr>
<td>General Fund appropriation within Chapter 48, Oregon Laws 1975</td>
<td>$68,824</td>
</tr>
<tr>
<td>Bond borrowings under Article XI-G of the Oregon Constitution</td>
<td>$68,824</td>
</tr>
<tr>
<td>Total</td>
<td>$137,648</td>
</tr>
</tbody>
</table>

Board Discussion and Action

The Board received the report as presented.
Staff Report to the Board

The following schedule provides a comparative summary of the Board's requests for capital construction, major rehabilitation and land purchases during 1975-1977 with the Governor's budget recommendations and the program approved by the 1975 Legislature. It should be noted that authorizations were contained within four separate Acts as detailed at the end of the schedule. Some adjustments may be required, such as for the amounts indicated for expenditure from "Other Gifts and Grants," particularly with respect to the coordination of the proposed acquisition of KVDO, Channel 3, Salem (per Chapter 610, Oregon Laws 1975) with the item for OEPBS TV Mobile Unit Color Modifications and Capitol Studio (within Chapter 331, Oregon Laws 1975).

Authorization to increase the student building fee to $12.50 per term and to acquire the Ondine Residence Hall for the housing of students in Portland, utilizing a portion of the expenditure limitation of $10,000,000 approved in 1973, was also contained within Chapter 331, Oregon Laws 1975.

Board Discussion and Action

The Board received the report as presented.
**OREGON STATE BOARD OF HIGHER EDUCATION**  
**CAPITAL OUTLAY PROGRAM FOR 1975-1977**  
**COMPARISON OF BOARD'S REVISED REQUESTS AND GOVERNOR'S BUDGET RECOMMENDATIONS**  
**WITH LEGISLATIVE AUTHORIZATIONS IN 1975**  
(Cost Estimates in Thousands of Dollars)

<table>
<thead>
<tr>
<th>Priority Number</th>
<th>Institution</th>
<th>Project Description</th>
<th>Board's Revised Requests</th>
<th>Governor's Recommendations</th>
<th>Legislative Authorizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ROSC</td>
<td>Safety Deficiency Correction Program Phase I:</td>
<td>$100</td>
<td>$1,185*</td>
<td>$1,185*</td>
</tr>
<tr>
<td></td>
<td>OCE</td>
<td></td>
<td>150</td>
<td>75</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>OSU</td>
<td></td>
<td>1,650</td>
<td>1,430</td>
<td>1,430</td>
</tr>
<tr>
<td></td>
<td>OSUK</td>
<td></td>
<td>185</td>
<td>255</td>
<td>255</td>
</tr>
<tr>
<td></td>
<td>UO</td>
<td></td>
<td>1,675</td>
<td>1,815*</td>
<td>1,815*</td>
</tr>
<tr>
<td></td>
<td>UO</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PSU</td>
<td></td>
<td>75</td>
<td>75</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>PSU</td>
<td></td>
<td>225</td>
<td>225</td>
<td>225</td>
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<tr>
<td></td>
<td>PSU</td>
<td></td>
<td>85</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td></td>
<td>OEPBS</td>
<td></td>
<td>255</td>
<td>255</td>
<td>255</td>
</tr>
<tr>
<td></td>
<td>OSU</td>
<td></td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>OSU</td>
<td></td>
<td>505*</td>
<td>505*</td>
<td>505*</td>
</tr>
<tr>
<td></td>
<td>OSU</td>
<td></td>
<td>585*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>OSU</td>
<td></td>
<td>2,655</td>
<td>2,655</td>
<td>2,655</td>
</tr>
<tr>
<td></td>
<td>PSU</td>
<td></td>
<td>855*</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*(Cost Estimates in Thousands of Dollars)*

**Meeting 425-62**  
**July 22, 1975-67**
### Oregon State Board of Higher Education, Capital Outlay Program for 1975-1977, Comparison of Board's Revised Requests and Governor's Budget Recommendations with Legislative Authorizations in 1975 (Cost Estimates in Thousands of Dollars), Continued

<table>
<thead>
<tr>
<th>Priority Number</th>
<th>Institution</th>
<th>Project Description</th>
<th>Board's Revised Requests</th>
<th>Governor's Recommendations</th>
<th>Legislative Authorizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>SOSC</td>
<td>Drama Laboratory (Theater)</td>
<td>$825</td>
<td>-</td>
<td>$-</td>
</tr>
<tr>
<td>19</td>
<td>UOHS C</td>
<td>Various Medical School Buildings Remodeling</td>
<td>1,000</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>20</td>
<td>PSU</td>
<td>Library Building</td>
<td>325*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>21</td>
<td>OIT</td>
<td>Library Building</td>
<td>90</td>
<td>-</td>
<td>90</td>
</tr>
<tr>
<td>22</td>
<td>OEPBS</td>
<td>Coastal TV Translators</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>23</td>
<td>OEPBS</td>
<td>Eastern Oregon TV Transmitter and Translator Network</td>
<td>90</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>OEPBS</td>
<td>Acquisition of KVDO, Channel 3, Salem</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subtotals</td>
<td>$30,830</td>
<td>$12,330</td>
<td>$12,605</td>
</tr>
<tr>
<td></td>
<td></td>
<td>II. Educational and General Plant - Gifts, Grants, etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>PSU</td>
<td>Applied Science and Engineering Laboratory</td>
<td>70</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>6</td>
<td>OEPBS</td>
<td>TV Mobile Unit Color Modifications and Capitol Studio</td>
<td>235*</td>
<td>235</td>
<td>235</td>
</tr>
<tr>
<td>18</td>
<td>SOSC</td>
<td>Drama Laboratory (Theater)</td>
<td>2,330</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>22</td>
<td>OEPBS</td>
<td>Coastal TV Translators</td>
<td>85</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>23</td>
<td>OEPBS</td>
<td>Eastern Oregon TV Transmitter and Translator Network</td>
<td>240</td>
<td>240</td>
<td>240</td>
</tr>
<tr>
<td>24</td>
<td>OSU</td>
<td>Oceanography Addition</td>
<td>1,820</td>
<td>1,820</td>
<td>1,820</td>
</tr>
<tr>
<td></td>
<td>OEPBS</td>
<td>Acquisition of KVDO, Channel 3, Salem</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subtotals</td>
<td>$4,780</td>
<td>$2,450</td>
<td>$2,554.5</td>
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<tr>
<td></td>
<td></td>
<td>Totals - Educational and General Plant</td>
<td>$35,610</td>
<td>$14,780</td>
<td>$15,317.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>III. Auxiliary Enterprises</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>UOHS C</td>
<td>Utility Improvements (Steam Service)</td>
<td>50*</td>
<td>45*</td>
<td>50*</td>
</tr>
<tr>
<td></td>
<td>Various</td>
<td>Land Acquisition</td>
<td>110*</td>
<td>110*</td>
<td>110*</td>
</tr>
<tr>
<td>2</td>
<td>UO</td>
<td>Utility Improvements</td>
<td>625*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>UOHS C</td>
<td>Utility Improvements (Electrical and Water)</td>
<td>25*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>OSU</td>
<td>Utility Improvements</td>
<td>270*</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Priority Number</th>
<th>Institution</th>
<th>Project Description</th>
<th>Board's Revised Requests</th>
<th>Governor's Recommendations</th>
<th>Legislative Authorizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>SOSC</td>
<td>Utility Improvements (Plant Interconnection and Chilling), including land</td>
<td>$370*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>PSU</td>
<td>Utility Improvements</td>
<td>50*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>OSU</td>
<td>Student Union Facilities</td>
<td>2,890@</td>
<td>3,160@</td>
<td>2,890</td>
</tr>
<tr>
<td>8</td>
<td>OSU</td>
<td>Acquisition of College Inn Property, Corvallis</td>
<td>-</td>
<td>1,750</td>
<td>-</td>
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<tr>
<td></td>
<td></td>
<td>Subtotals</td>
<td>$6,140</td>
<td>$3,315</td>
<td>$4,800</td>
</tr>
<tr>
<td></td>
<td>PSU</td>
<td>Science II Remodeling for Laboratories for DEQ and Health Division</td>
<td>-</td>
<td>$3,230</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Totals - Auxiliary Enterprises</td>
<td>-</td>
<td>$9,370</td>
<td>$8,030</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Grand Totals</td>
<td>$44,980</td>
<td>$18,095</td>
<td>$23,347.5</td>
</tr>
</tbody>
</table>

*Partial cost; portions financed within the Educational and General Plant and from Auxiliary Enterprises
@Excludes intrafund transfer of approximately $880,000 for conversion of Snell Hall from student residence hall to student union use

**Request submitted to Joint Committee on Ways and Means after Governor's budget was published

Summary of Legislative Authorizations:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Fund</th>
<th>XI-G Bonds</th>
<th>Federal</th>
<th>Other Gifts</th>
<th>XI-E(1) Bonds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>$2,960,000</td>
<td>$2,960,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$5,920,000</td>
</tr>
<tr>
<td>5016</td>
<td>$3,142,500</td>
<td>$3,142,500</td>
<td>$600,000</td>
<td>$1,850,000</td>
<td>$8,030,000</td>
<td>$16,765,000</td>
</tr>
<tr>
<td>Subtotals</td>
<td>$6,102,500</td>
<td>$6,102,500</td>
<td>$600,000</td>
<td>$1,850,000</td>
<td>$8,030,000</td>
<td>$22,685,000</td>
</tr>
<tr>
<td>2355</td>
<td>$6,302,500</td>
<td>$6,302,500</td>
<td>$600,000</td>
<td>$1,850,000</td>
<td>$8,030,000</td>
<td>$23,085,000</td>
</tr>
<tr>
<td>Subtotals</td>
<td>$6,505,000</td>
<td>$6,505,000</td>
<td>$600,000</td>
<td>$1,850,000</td>
<td>$8,030,000</td>
<td>$23,185,000</td>
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<tr>
<td>539</td>
<td>$79,000#</td>
<td>$79,000#</td>
<td>$(115,000)#</td>
<td>$219,500#</td>
<td>-</td>
<td>$262,500#</td>
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<tr>
<td>Totals</td>
<td>$6,381,500</td>
<td>$6,381,500</td>
<td>$485,000</td>
<td>$2,069,500</td>
<td>$8,030,000</td>
<td>$23,347,500</td>
</tr>
</tbody>
</table>

#Estimated net requirements for acquisition of KVDO, Channel 3, Salem, in addition to amounts listed for OEPBS TV Mobile Unit Color Modifications and Capitol Studio (Priority No. 6 above)

Office of Facilities Planning
July 3, 1975
Staff Report to the Board

When development of the budget request for the 1975-1977 biennium was begun, one of the significant issues identified was that of providing for an adequate rate of equipment replacement. The data appeared to show that the budgeted rate of replacement was far too low (averaging over 35 years). The raw data, however, left a great many unanswered questions.

In its earlier review of higher education management (April 1973), the Foundation for Oregon Research and Education (FORE) had published recommendations relating to equipment acquisition, including the consideration of leasing as a possibly desirable form of acquisition. In July, therefore, President Mosser invited FORE to appoint a task force to work with Board representatives in developing proposals for a more effective approach to planning and financing equipment acquisition.

The FORE representatives were:

Dick Humphreys, Assistant General Counsel, Jantzen, Inc.
Ralph Nordlund, Office Manager, Stimson Timber Co.
Jack Samper, Operations Manager, Distribution Division, Georgia-Pacific
Randolph Todd, Loan Officer, Bank of California
Ray Alexander, Director, Oregon Community Foundation
Jerry Bitz, Treasurer, Cascade Corporation
Bill deWeese, President, Odyssey Productions, Inc.
Stanley Sackett, Assistant Vice President, First National Bank

For the Board:

John D. Mosser
Edward G. Westerdale II (until his resignation)
Freeman Holmer, Vice Chancellor for Administration
J. I. Hunderup, Vice Chancellor for Facilities Planning
John L. Watson, Controller
Donald L. Young, Manager, Fiscal Operations
Keith L. Jackson, Budget Director
Richard S. Perry, Director of Administrative Services

The joint task force met on four occasions, with subcommittees meeting as necessary between the formal sessions. At the final meeting of the task force on May 29, a report summarizing the recommendations of the FORE representatives was reviewed and accepted by the Department as a guide for development of an orderly program for equipment replacement.

The FORE recommendations were prefaced by affirmation of the "thesis that the need for systematic replacement of equipment and facilities should be recognized in the budgeting process of educational institutions." A further prefatory statement defined as "critical tools" the facilities and equipment required for instruction and research. The FORE recommendations:

"I. We recommend that immediate attention be given:

A. To identifying in the present inventory of equipment that class of items we have denoted as critical tools with respect to the instruction and research functions."
B. To making best-judgment estimates of:
   1. The need for eventual replacement.
   2. Remaining useful life based on condition and present employment.

C. To making best-judgment estimates of the cost of functional replacement at the time replacement of these "critical" items is indicated.

D. To developing a summary report form which initially indicates the timing of anticipated replacement of these critical items and which, secondarily, will provide a basis for budgetary requests and decisions.

II. We further recommend that, as time and staff permit, the balance of the existing inventory of less "critical" items of equipment be reclassified into categories which will provide information to support systematic budgeting for replacement.

With respect to these recommendations, a prior note is appended to suggest broad categories of a classification system which might aid in ordering inventory data in a manner to provide the information necessary to support these recommendations.

The Controller's Office is analyzing the equipment inventory to identify the feasibility of item-by-item analysis of replacement needs for those items valued in excess of $500 in accord with the FORE suggestions. Replacement schedules for equipment of lesser unit values are also to be developed.

Institutions have been alerted to the FORE proposals and institutional cooperation in their implementation is anticipated.

The assistance of the FORE representatives and of the FORE staff (notably Wilson H. Hulley, Executive Director, and Melissa Morris, Executive Assistant) has been constructive and is greatly appreciated.

Board Discussion and Action

The Board received the report as presented.

Condition of Board's Special and Plant Rehabilitation Reserves

CONDITION OF BOARD'S SPECIAL AND PLANT REHABILITATION RESERVES
As of July 22, 1975, for the Fiscal Year Ending June 30, 1976

I. Board's Unallocated Reserve
   (No funds reserved in allocation plan approved by the Board on June 24, 1975)

II. Board's Reserve for Plant Rehabilitation
   (Amount to be budgeted in allocation plan approved by the Board on June 24, 1975) $164,250

III. Computer Systems Development
   (Biennial amount to be budgeted for 1975-76 pending Board approval of an expenditure plan) $1,000,000
IV. Accreditation and Instructional Services & Supplies

(As directed by the Board on June 24, 1975, amount to be reserved for expenditure in either 1975-76 or 1976-77)

$1,207,000

Board Discussion and Action

The Board received the report as presented.

(Considered by Committee on Instruction, Research, and Public Service Programs, June 24, 1975; present--Stewart, Johnson.)

Staff Report to the Committee

There was presented to the Committee on Instruction, Research, and Public Service Programs at its June 24, 1975, meeting a report from the Board's Office entitled Production of Elementary and Secondary School Teachers in the State System of Higher Education, copies of which are filed in the Board's Office.

The report was in response to an earlier request of the Committee (1972) that the Board's Office keep the Committee informed concerning the level of production of elementary and secondary school teachers by State System institutions, as related to the extent of the job opportunities for qualified teachers.

Some of the essential elements of the aforementioned report may be summarized as follows:

1. In 1972, the Board, after due consideration, tabled a recommendation of its Academic Affairs Committee that a quota be established for production of elementary school teachers by State System institutions such that, by 1974-75, the institutions would be producing just over 1,000 teachers (1,036) per year. The quota figure would have represented a reduction of 229 (18.1 percent) from the 1,265 elementary teachers produced in 1971-72.

2. In tabling the Committee's recommendation, the Board asked that its teacher education institutions undertake to ensure that before admitting students to teacher education programs the students be fully informed as to the difficulties of finding employment in the teaching field.

3. An examination of teacher production in Oregon in recent years reveals that:

   a. In the five-year period, 1969-70 to 1973-74 (the latest year for which complete data are available), elementary teacher production in State System institutions declined by about one-fourth (23.3 percent--from 1,463 in 1969-70 to 1,122 in 1973-74). A further decline is projected for 1974-75, with slight increases in 1975-76 and 1976-77, resulting in production of 1,039, 1,058, and 1,063 teachers, respectively. (The 1,039 in 1974-75 is approximately the same as the number recommended as a quota by the Board's Committee.)

Percentage change in production of elementary teachers in State System institutions, 1969-70 to 1973-74, is as follows:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Percentage Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOSC</td>
<td>-38.9 percent</td>
</tr>
<tr>
<td>PSU</td>
<td>-51.5 percent</td>
</tr>
<tr>
<td>PSU</td>
<td>-35.2 percent</td>
</tr>
<tr>
<td>OSU</td>
<td>-23.2 percent</td>
</tr>
<tr>
<td>OCE</td>
<td>+11.5 percent</td>
</tr>
</tbody>
</table>
Independent college and university production of elementary teachers remained relatively unchanged in 1969-70 (151) to 1973-74 (152). Slight reductions are projected for 1975-76 (137), 1975-76 (147), and a slight increase by 1976-77 (163).

b. State System production of secondary school teachers declined 14.6 percent from 1969-70 (1,613) to 1973-74 (1,378). A slight decline is projected for 1974-75, and slight increases in 1975-76 and 1976-77, resulting in production of 1,303, 1,391, and 1,423 teachers, respectively.

Corresponding institutional figures for 1969-70 and 1973-74 reveal that production of secondary teachers declined by the following percentages:

- PSU: 33.8 percent
- OCE: 22.2 percent
- OSU: 1.6 percent

Eastern Oregon State College and Southern Oregon State College both show increases in production in 1973-74 over 1969-70 (21.3 and 4.4 percent, respectively).

Independent college and university production declined 25.8 percent 1969-70 (318) to 1973-74 (236). Production is projected to remain below 1973-74 production in 1974-75 (218), 1975-76 (234), and 1976-77 (228).

c. State System production of secondary teachers in many regular subject fields (e.g. English, biology, art, mathematics, social studies/history) decreased from 1969-70 to 1973-74, exceptions being health and physical education, industrial arts, music, speech and drama, in which fields the number of teachers produced increased, and agriculture, foreign languages, home economics, journalism, and physics in which the number of teachers produced remained about the same at the beginning and end of this five-year period.

Of the educational specialties (e.g. counseling, special education, librarians) greatest growth in production, 1969-70 to 1973-74, has been in the field of extreme learning problems in which the number of teachers produced almost doubled. An additional increase of 60 percent is projected by 1976-77. The growing emphasis on reading in the public schools accounts for a substantial part of that growth.

Production of certified librarians is also growing and is projected to continue growing. Production of counselors, teachers of the deaf, mentally retarded, physically and visually handicapped, and speech correctionists seem to have reached a fairly steady state and is projected to continue at approximately present levels of production.

4. In reviewing demand in Oregon for elementary and secondary teachers it is well to bear in mind:

a. That demand for persons with teacher preparation backgrounds cannot be measured solely in terms of the number of teaching positions in the aggregate there are in public and private schools of Oregon, or in terms of the number of teaching positions to be filled each year.
Teacher preparation is useful preparation for entry into many other lines of work, as well.

b. That teachers move readily across state boundaries. Oregon-prepared teachers serve more than the Oregon market. Conversely, Oregon imports a significant number of teachers whose teacher preparation work has been taken out-of-state.

5. Demand for new teachers is a function of (1) growth in demand, and (2) replacements for teachers who die, retire, or leave teaching for other reasons.

a. Growth in demand for new teachers, in turn, stems from (1) increasing number of elementary or secondary students and/or (2) increased level of staffing in elementary and secondary schools.

(1) Public school enrollment projections for Oregon--taken along--suggest that the demand for elementary school teachers in Oregon will continue to decline for the next five years; that demand for secondary school teachers will increase annually by about 100 teachers until 1977-78, and then decrease by 100 teachers in 1978-79, assuming a 1:20 teacher-student ratio.

(2) Level of staffing

(a) There is a marked trend in Oregon toward reduction in the number of teachers with substandard certification as indicated by the fact that in 1969-70 there were 1,060 teachers teaching on a limited or restricted certificate. In 1973-74 there were but 341.

(b) Student-teacher ratios in Oregon have been decreasing slightly. Public school enrollments increased .4 percent 1969-70 to 1973-74, whereas the number of FTE classroom teachers increased 2.7 percent.

(c) Special services to students with learning problems (physically, emotionally, mentally handicapped) were roughly at about the same level in 1973-74 as they were in 1969-70, in terms of FTE teachers in special services functions.

(d) The number of psychological personnel in the public schools in 1973-74 was 30 percent above the number in 1969-70.

(e) The number of FTE's in guidance and counseling in the public schools has increased significantly (43.6 percent) from 1969-70 to 1973-74.

b. Turnover rates and recent demand for new teachers in the public schools.

(1) State Department of Education figures showing the number of educational personnel terminating their positions indicate a rather sharp drop from 1969-70 (3,754) to 1970-71 (3,375), since then the number has increased each year until in 1973-74 the number (3,730) approximated the number in 1969-70.
(2) State Department figures as to the number of new teachers (i.e. beginning teachers, plus other teachers new to their districts) reveal that there was a 16.1 percent increase from 1971-72 (3,128) to 1974-75 (3,630).

(3) The number of beginning teachers employed in Oregon has increased over the same period by 2.3 percent (from 1,938 in 1971-72 to 1,983 in 1974-75). There were reported to be 885 beginning elementary teachers in Oregon in 1974-75; 779 beginning secondary teachers; 319 beginning "other" teachers.

(4) The number of teachers with experience who were new to their districts increased 38.4 percent (1,190 in 1971-72; 1,647 in 1974-75).

Committee Discussion

Mr. Stewart noted that the report had been received by the Committee and that no Committee or Board action was required.

Board Discussion and Action

The Board received the report as presented.
## SUMMARY OF GIFTS AND GRANTS TO DATE FOR YEAR 1975-76

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Total</th>
<th>Cumulative Total for Current Year</th>
<th>Comparable Cumulative Total for Preceding Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 22, 1975</td>
<td>$13,636,435.23</td>
<td>$13,636,435.23</td>
<td>$8,914,842.74</td>
</tr>
</tbody>
</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board’s Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to call upon the institutions to make suitable acknowledgement on behalf of the Board to the donors and grantors. The Board accepted the report as presented with the following voting in favor: Directors Johnson, Joss, Layman, Marden, McIntyre, McLaurin, and Stewart. The President, Mr. Mosser, did not cast a vote. Directors Carpenter and Perry were absent from the meeting at this time.

Oregon State University

Scholarships & Fellowships

Gifts totaling $156,762.11 from the following donors for scholarships and fellowships:

- African American Institute, New York: $4,223.00
- Alcoa Foundation, Pittsburgh, Pennsylvania: 3,600.00
- American Legion Auxiliary, Salem: 250.00
- Anonymous Donor: 600.00
- Arizona Sawyer’s Fund, through the Oregon State University Foundation, Corvallis: 2,000.00
- The Autzen Foundation, Portland: 625.00
- Kate L. Bartholomew Endowment Fund, through the Oregon State University Foundation, Corvallis: 500.00
- Benton County Medical Auxiliary, Corvallis: 385.00
- Benton County Medical Foundation, through Good Samaritan Hospital, Corvallis: 500.00
- Beruby Forestry Scholarship, through the Bank of California, Portland: 4,125.00
- The Boeing Company, Seattle, Washington: 272.00
- Boise Cascade Corporation, Boise, Idaho: 2,325.00
- Central Point School, through School District No. 6, Central Point: 1,696.00
- John Lind Ching Memorial Fellowship, through the Oregon State University Foundation, Corvallis: 500.00
- Cole, Clark and Cunningham, Inc., Portland: 500.00
- Cottage Grove High School, Cottage Grove: 200.00
- Covert Memorial Scholarship, through the Oregon State University Foundation, Corvallis: 200.00
- Joe M. Crahan Memorial, through the Oregon State University Foundation, Corvallis: 1,000.00
- Crown Zellerbach Foundation, San Francisco, California: 1,250.00
- Marshall and Melissa Martin Dawes Memorial, through the Oregon State University Foundation, Corvallis: 266.50
- Delta Kappa Gamma Society, Tau Chapter, Portland: 100.00
- Lulu M. Demaray Scholarship Trust Fund, through the First National Bank of Oregon, Medford: 100.00
- Denabelle Linville Endowment, through the Oregon State University Foundation, Corvallis: 1,000.00
- Douglas Medical Foundation, Roseburg: 500.00
- Dow Chemical Company, Midland, Michigan: 600.00
- E. I. duPont de Nemours and Company, Wilmington, Delaware: 1,400.00
- Electrical Women's Round Table, Inc., Portland: 150.00
- Elks Lodge No. 1829, Enterprise: 100.00
- Elks Lodge No. 1950, Independence: 340.00
- Eric Englund Memorial Trust, through the National Savings and Trust Company, Washington, D.C.: 4,000.00
- Fernhopper Scholarship in Forestry, Richmond, California: 460.00
Meeting #425-73  
July 22, 1975

Forest Products Management Scholarship, through the Oregon State University Foundation, Corvallis  
$500.00

Forestry Minority Scholarship, through the Oregon State University Foundation, Corvallis  
$561.00

Foundry Educational Foundation, Cleveland, Ohio  
$399.00

Eldon Frink Fund Endowment, through the Oregon State University Foundation, Corvallis  
$375.00

Georgia Pacific Foundation, Portland  
$7,250.00

Grants Pass High School, Grants Pass  
$533.54

Grolier Foundation, Inc., New York  
$100.00

Hollinger Educational Foundation, through the Oregon State University Foundation, Corvallis  
$400.00

Hollinger Track and Field Award Endowment, through the Oregon State University Foundation, Corvallis  
$150.00

Home Economics Department, Corvallis  
$100.00

Hui-O Hawaii Club, through the Oregon State University Foundation, Corvallis  
$300.00

Robert C. Ingalls Endowment, through the Oregon State University Foundation, Corvallis  
$400.00

International Nickel Company, Bellevue, Washington  
$8,250.00

Jackson County Home Extension, Medford  
$300.00

Edwin J. Kelsey Charitable Foundation, Petaluma, California  
$100.00

Robert F. Keniston Memorial, through the Oregon State University Foundation, Corvallis  
$200.00

Leonora Hamilton Kerr Memorial Scholarship, through the Oregon State University Foundation, Corvallis  
$561.00

Martin Luther King, Jr., Scholarship Fund of Oregon, Portland  
$187.00

Ursula Bolt Knaus Endowment, through the Oregon State University Foundation, Corvallis  
$500.00

K. Ethel Lathrop Endowment, through the Oregon State University Foundation, Corvallis  
$100.00

Mildred Litster Trust Fund, through the U. S. National Bank of Oregon, Medford  
$1,105.00

Longview Fibre Company, Longview, Washington  
$2,000.00

Jim McCall Memorial, through the Oregon State University Foundation, Corvallis  
$600.00

Helen McDowell Memorial, through the Oregon State University Foundation, Corvallis  
$100.00

McMinnville Lions Club, McMinnville  
$333.34

Edward Arthur Mellinger Educational Foundation, Inc., Monmouth, Illinois  
$100.00

National Council of State Garden Clubs, Inc., St. Louis, Missouri  
$1,000.00

Oregon Congress of Parents and Teachers, Inc., Portland  
$1,250.00

Oregon Indoor Invitational Track Meet Association, Portland  
$3,140.00

Oregon Logging Conference, Eugene  
$2,000.00

Oregon Lung Association, Lexington  
$200.00

Oregon State University Book Stores, Inc., Corvallis  
$561.00

Oregon State University Dads Club, Corvallis  
$11,533.00

Oregon State University Dames, Corvallis  
$150.00

Oregon State University Educational Foundation, through the Oregon State University Foundation, Corvallis  
$334.00

Oregon State University Folk Club, Corvallis  
$2,244.00

Oregon State University Foundation Engineering Minority Students Scholarship, Corvallis  
$1,675.00

Oregon State University Foundation Merit Scholarships, Corvallis  
$3,500.00
Meeting #425-73

Oregon State University Fund, Corvallis $4,050.00
Oregon State University Mothers Club, Salem 4,632.87
Oregon State University Mothers Club, Hawaii Unit, Kailua, Hawaii 150.00
Pacific Egg and Poultry Association, Los Angeles, California 750.00
Panharmonic Association, Corvallis 1,000.00
Polo Sisterhood, Chapter BL, Portland 325.00
Phi Kappa Phi Endowment, through the Oregon State University Foundation, Corvallis 1,000.00
Phoenix High Scholarship Fund, Phoenix 267.00
Portland Rose Festival, Portland 187.00
Warren Randall Memorial, through the Oregon State University Foundation, Corvallis 600.00
Elizabeth P. Ritchie Endowment, through the Oregon State University Foundation, Corvallis 4,800.00
Rohm and Haas Company, Philadelphia, Pennsylvania 1,000.00
Samuel Rosenthal Scholarship Fund, Nashville, Tennessee 333.34
Rotary Club of Brookings, Brookings 350.00
Azalea and Charles Sager Fund, through the Oregon State University Foundation, Corvallis 200.00
Dave Schilling Memorial, through the Oregon State University Foundation, Corvallis 100.00
Eva Seen Scholarship Endowment, through the Oregon State University Foundation, Corvallis 200.00
Shell Aid in Chemical Engineering, through the Shell Companies Foundation, Houston, Texas 152.00
Shell Companies Foundation, Houston, Texas 500.00
Joseph E. Simmons Scholarship, through The Massachusetts Fund 992.72
C. Wylie Smith III Memorial, through the Oregon State University Foundation, Corvallis 600.00
Society of American Military Engineers, Portland 100.00
Soroptimist Club of Brookings, Brookings 200.00
South Santiam First Year Scholarship, through the Oregon State University Foundation, Corvallis 2,000.00
South Santiam Forestry Fellowship Fund, through the Oregon State University Foundation, Corvallis 22,832.00
South Santiam Undergraduate Scholarship, through the Oregon State University Foundation, Corvallis 2,500.00
Standard Oil Company of California, San Francisco, California 3,750.00
Stauffer Chemical Company Foundation, Richmond, California 900.00
Buena Steinmetz Memorial, through the Oregon State University Foundation, Corvallis 100.00
Strickland Endowment, through the Oregon State University Foundation, Corvallis 1,650.00
Bertha Stutz Memorial, through the Corvallis Womens Club, Corvallis 300.00
Tektronix Foundation, Beaverton 250.00
Teledyne Wah Chang, Albany 500.00
Edward Trindle Award, through the Oregon State University Foundation, Corvallis 200.00
Union Oil Company of California Foundation, Los Angeles, California 500.00
United Farm Agency, Kansas City, Missouri 2,000.00

July 22, 1975

659
Wayne Valley Memorial Scholarship Fund, through the Oregon State University Foundation, Corvallis $1,000.00
R. M. Wade Foundation, Portland 400.00
Warrens Memorial, through the Oregon State University Foundation, Corvallis 174.00
Western Kraft, Portland 840.00
Weyerhaeuser Company Fellowship, Tacoma, Washington 7,600.00
Earnest Wiegand Endowment, through the Oregon State University Foundation, Corvallis 187.00

Grants totaling $61,385 from the Educational Coordinating Council, Salem, for research and other purposes, as follows:

1. $6,825 - "To study and develop a method of application of the guided design concept to BA 302 management process course and to assess the results," April 1, 1975, through March 31, 1977, under the direction of Dr. Matt M. Amano, Associate Professor of Business Administration.

2. $2,000 - "Competencies and Testing in English Composition in Oregon Colleges and Universities," April 1, 1975, through March 31, 1977, under the direction of Dr. John Frank Ligon, Professor of English.

3. $3,017 - "To put together a package of maps and audio-tutorial materials for the Department of Geography," April 1, 1975, through March 31, 1977, under the direction of Dr. Charles L. Rosenfeld, Assistant Professor of Geography.

4. $8,745 - "Investigation and development of methods for improvement of recitation periods for Introductory Anthropology," April 1, 1975, through March 31, 1977, under the direction of Dr. Kenneth L. Beals, Assistant Professor of Anthropology.

5. $2,873 - "For acquisition of films and materials to provide an improved method of demonstrating important cinematographic concepts to beginning students," April 1, 1975, through March 31, 1977, under the direction of Mr. Dennis G. Miles, Assistant Director for Broadcast Media, Department of Information.

6. $22,325 - "To prepare innovative materials which will take into account the wide discrepancy in the backgrounds of students entering college and expecting to take the first course in calculus," April 1, 1975, through March 31, 1977, under the direction of Dr. Gary L. Misser, Assistant Professor of Mathematics.

7. $15,600 - "To study and develop methods for developing a student's linguistic, rational, and analytic skills in the context of mass education," June 1, 1975, through May 31, 1977, under the direction of Mr. William F. Frank, Instructor of Philosophy, and Dr. Robert D. Dale, Assistant Professor of Philosophy.

Grant of $200,286 from the Embassy of Libyan Arab Republic, Cultural Section, Washington, D. C., "to provide training in the field of Nuclear Engineering to a selected group of Libyan national students," January 1, 1975, through June 30, 1979, under the direction of Dr. Chi H. Wang, Head, Department of Nuclear Engineering.
Institute of Life Insurance

Grant of $10,586 from the Institute of Life Insurance, New York, "for the conduct of a workshop on Personal Finance for Home Economics and Business Teachers," January 1 through December 31, 1975, under the direction of Dr. Betty E. Hawthorne, Dean of Home Economics.

National Aeronautics & Space Administration

Grants totaling $123,548 from the National Aeronautics and Space Administration, Greenbelt, Maryland, for research, as follows:

1. $23,548 - "Interrelationship of Particle Dynamics and Ocean Color," April 11, 1975, through April 11, 1976, under the direction of Dr. Ronald V. Zaneveld, Research Associate, Oceanography.

2. $100,000 - "The Development and Operation of an Environmental Remote Sensing Application Laboratory," April 1, 1975, through March 31, 1976, under the direction of Dr. Barry J. Schrumpf, Director, Remote Sensing Lab.

National Endowment for the Humanities

Grant of $29,947 from the National Endowment for the Humanities, Washington, D.C., for "a planning project which will examine the historical events, the cultural heritage, and the present state of the 'Oregon Country,' covering several northwest states," June 16, 1975, through June 15, 1976, under the direction of Dr. Robert J. Frank, Assistant Professor of English.

National Science Foundation

Grants totaling $1,110,950 from the National Science Foundation, Washington, D.C., for research and other purposes, as follows:

1. $13,600 - "Intramolecular Cyclizations of Organometallic Compounds," June 1, 1975, through November 30, 1976, under the direction of Dr. Stanley E. Wilson, Assistant Professor of Chemistry.

2. $90,000 - "Theoretical Studies of Currents for Eastern Ocean Boundaries," June 1, 1975, through November 30, 1977, under the direction of Dr. John S. Allen, Associate Professor of Oceanography.

3. $44,000 - "Avian Responses to Environmental Heterogeneity in Arid Shrub Steppe Systems," June 1, 1975, through November 30, 1976, under the direction of Dr. John A. Wiens, Associate Professor of Zoology.

4. $64,600 - "Canopy Subsystems of Western Coniferous Forests," June 1, 1975, through November 30, 1976, under the direction of Dr. William C. Denison, Associate Professor of Botany.

5. $44,800 - "Antioxidation Catalysis by Cobalt (II)," July 1, 1975, through December 31, 1977, under the direction of Dr. John T. Yoke, Professor of Chemistry.

6. $18,000 - "Optimization of Kinetics-Based Measurements," May 1, 1975, through October 31, 1976, under the direction of Dr. James D. Ingle, Jr., Assistant Professor of Chemistry.
7. $50,000 - "Biosynthesis and Distribution of Cytokinins in Plant Ribonucleic Acid Preparations," May 1, 1975, through October 31, 1977, under the direction of Dr. Donald J. Armstrong, Assistant Professor of Botany.

8. $7,700 - "Study of Magma Flow and the Processes of Phenocryst Sorting in Dikes and Sills," May 1, 1975, through October 31, 1976, under the direction of Dr. Paul D. Komar, Associate Professor of Oceanography.

9. $6,000 - "Systematics and Development of Zoology," June 15, 1975, through November 30, 1976, under the direction of Dr. Paul L. Farber, Assistant Professor of History of Sciences-General Science.


11. $61,400 - "Auditory and Olfactory Stimuli and Response in Bark Beetles," May 15, 1975, through October 31, 1977, under the direction of Dr. Julius A. Rudinsky, Professor of Forest Entomology.

12. $350 - "Teaching and Research in the Oceanography Curricula at Catholic University of Valparaiso, Chile," April 24, 1975, through February 29, 1976, under the direction of Dr. Steve Neshyba, Associate Professor of Oceanography.

13. $29,400 - "Applied Aerodynamics of Wind Power Machines," April 1, 1975, through September 30, 1976, under the direction of Dr. Robert E. Wilson, Professor of Mechanical Engineering.

14. $42,000 - "Investigation into the Factors Necessary for the Activation of Ligated Dinitrogen Towards Reduction," June 1, 1975, through November 30, 1977, under the direction of Dr. William E. Silverthorn, Research Associate, Chemistry.

15. $64,000 - "Energy Production from Renewable Sources - An Exploratory Cost/Benefit Analysis," June 1, 1975, through June 30, 1976, under the direction of Dr. Richard W. Boubel, Professor of Mechanical Engineering.

16. $7,400 - "For the purchase of Instructional Scientific Equipment," June 1, 1975, through May 31, 1977, under the direction of Dr. David P. Shoemaker, Chairman, Department of Chemistry.

17. $41,000 - "Nuclear Physics and Weak Interactions at Intermediate Energies," June 1, 1975, through November 30, 1976, under the direction of Dr. L. W. Swenson, Associate Professor of Physics, and Dr. A. Stuart Richert, Associate Professor of Physics.

18. $12,800 - "For the purchase of instructional scientific equipment," June 1, 1975, through May 31, 1977, under the direction of Dr. John E. O'Leary, Professor of Forest Engineering.

19. $40,000 - "Arctic Benthic Ecology: Beaufort Sea Sublittoral and Bathyal Communities," July 1, 1975, through December 31, 1976, under the direction of Dr. Andrew G. Carey, Jr., Associate Professor of Oceanography.
20. $276,000 - "Dredge Spoil Distribution and Estuarine Effects," July 1, 1975, through December 31, 1976, under the direction of Dr. Larry S. Slotta, Director of Ocean Engineering Programs.

21. $2,400 - "To pay travel costs in behalf of Michael G. Barton and Kevin M. Howe," June 1, 1975, through November 30, 1977, under the direction of Dr. Carl E. Bond, Professor of Fisheries.

22. $55,000 - "Accelerated Planetary Boundary Layer Flow in the Presence of Baroclinity and Heat Fluxes," July 1, 1975, through December 31, 1977, under the direction of Dr. Larry J. Mahrt, Assistant Professor of Atmospheric Science.

23. $88,500 - "An Investigation of the Nazca Lithospheric Plate and Its Interaction with the South American Continental Block," May 1, 1975, through October 31, 1976, under the direction of Dr. LaVerne D. Kulm, Associate Professor of Oceanography.

24. $20,000 - "Theory and Application of Generalized Exponential Families," July 1, 1975, through December 31, 1976, under the direction of Dr. H. D. Brunk, Professor of Statistics.

Grants totaling $42,630 from the Oregon State Board of Education, Salem, for the following purposes:

1. $20,000 - "A Field-Based Vocational Education Personnel Development Center - Portland," April 2 through August 31, 1975, under the direction of Dr. Arnie Heuchert, Instructor of Vocational Education.

2. $22,630 - "For a program of Adult Training in Basic Education and Staff Development," May 30, 1975, through June 30, 1976, under the direction of Dr. Tom E. Grigsby, Adult Education Coordinator.

Grants totaling $65,751 from the Pacific Northwest Regional Commission, Vancouver, Washington, for research and other purposes, as follows:

1. $40,000 - "To develop a computer simulation model which will allow the Public Utility Commission to evaluate the feasibility of alternative energy policies and to determine the extent to which they are in consonance or conflict with a variety of economic and demographic and land use policies," February 21, 1975, through January 31, 1976, under the direction of Dr. Owen D. Osborne, Assistant Professor of Electrical and Computer Engineering.
2. $25,751 - "For research on ways to reduce acidity in wines," December 23 through December 31, 1974, under the direction of Dr. Hoya Y. Yang, Associate Professor of Food Science and Technology.

Grants totaling $243,000 from the Rockefeller Foundation, New York, for the following purposes:

1. $225,000 - "For research on alternative approaches to the prevention and control of air pollution in the Willamette River basin region of Oregon," April 17, 1974, through May 31, 1976, under the direction of Dr. Emery N. Castle, Dean, Graduate School.

2. $18,000 - "Strengthening collaboration between environmental research programs of the university and state agencies," February 1, 1975, through January 31, 1976, under the direction of Dr. Emery N. Castle, Dean, Graduate School.

Grant of $16,478 from the Southwest Community Action Program, Inc., Coquille, "to prepare unemployed persons to compete in seeking employment," April 1 through June 30, 1975, under the direction of Miss Lynn Cannon, County Extension Agent.

Grant of $210,000 from the U. S. Agency for International Development, Washington, D. C., "for research on the various methods and costs of weed control in foreign countries," April 1, 1974, through December 31, 1975, under the direction of Dr. Stanley F. Miller, Associate Professor of Agricultural Economics.

Grants totaling $254,428.22 from the U. S. Department of Agriculture, Washington, D. C., for research and other purposes, as follows:

1. $2,803.22 - "Advanced Logging Systems Yarding Studies," under the direction of Dr. George M. Jemison, Professor Emeritus.

2. $49,900 - "Physical and Chemical Factors Affecting the Transport and Distribution of Nutrient Ions in Soils Developed on Volcanic Materials," April 10, 1975, through April 10, 1978, under the direction of Dr. Larry Boersma, Professor of Soil Science.


4. $8,029 - "To study and establish a criteria for a system that would enable a production greenhouse operator to precisely determine growing conditions in a tree seedling greenhouse," April 17 through June 30, 1975, under the direction of Dr. D. L. Amort, Associate Professor of Electrical and Computer Engineering.

5. $8,210 - "Evaluation of the Characteristics and Amounts of Post-harvest Logging Residue," June 1 through October 30, 1975, under the direction of Mr. Dennis Dykstra, Instructor, Forest Engineering.


7. $50,000 - "For development of models for tussock moth population dynamics and tree and stand interactive response," April 18, 1975, through April 17, 1976, under the direction of Dr. W. Scott Overton, Professor of Forest Management.
8. $12,011 - "Regulation of Bud Bursting Time of Douglas-fir and Grand fir," April 18, 1975, through April 17, 1976, under the direction of Dr. Michael Newton, Associate Professor of Forest Ecology.

9. $15,479 - "Impact of Forest Harvest Practices on Surface Soil Cover, Surface Erosion, Compaction and Seedling Establishment and Growth," June 1, 1975, through June 30, 1977, under the direction of Dr. R. H. Waring, Associate Professor of Forest Management.


U. S. Department of the Interior
Grant of $4,000 from the U. S. Department of the Interior, Washington, D. C., for a study concerned with, "Vegetation dynamics in ponderosa pine forest, Crater Lake National Park," under the direction of Dr. Donald B. Zobel, Associate Professor, Forest Research Laboratory.

U. S. Department of Labor
Grant of $100,000 from the U. S. Department of Labor, Washington, D. C., "for a manpower institutional grant for the conduct of a training and certification program in manpower management," July 1, 1975, through June 30, 1976, under the direction of Dr. Gary W. Sorenson, Chairman, Economics Department.

U. S. Energy Research and Development Administration
Grant of $10,000 from the U. S. Energy Research and Development Administration, Richland, Washington, "for a three-day conference on the magnitude and deployment schedule of energy resources," April 1 through December 31, 1975, under the direction of Dr. Chih H. Wang, Director, Office of Energy Research and Development.

U. S. Environmental Protection Agency
Grants totaling $49,481 from the U. S. Environmental Protection Agency, Ada, Oklahoma, for research and other purposes, as follows:

1. $20,307 - "A Comprehensive Feedlot Pollution Control Design Model," June 15, 1975, through June 14, 1976, under the direction of Dr. J. Ronald Miner, Associate Professor of Agricultural Engineering.

2. $29,174 - "Laboratory Determination of Chloramine Concentrations Safe for Aquatic Life," June 25, 1975, through June 24, 1976, under the direction of Dr. Charles E. Warren, Professor of Fisheries.

U. S. Public Health Service
Grants totaling $323,741 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $2,450 - "Synthesis of Methymycin," September 1, 1974, through August 31, 1975, under the direction of Dr. James D. White, Associate Professor of Chemistry.

2. $55,848 - "Biomedical Sciences Support Grant," June 1, 1975, through May 31, 1976, under the direction of Dr. Roy A. Young, Vice President for Research and Graduate Studies.
3. $59,459 - "Replication Map of an Oncogenic Virus," May 1, 1975, through April 30, 1976, under the direction of Dr. George D. Pearson, Assistant Professor of Biochemistry and Biophysics.

4. $50,434 - "Biochemical Basis for Establishment of Cell Polarity," June 1, 1975, through July 31, 1976, under the direction of Dr. Ralph S. Quatrano, Associate Professor of Botany.

5. $56,714 - "Research on Respiratory Proteins, Structure and Function," May 1, 1975, through April 30, 1977, under the direction of Dr. Kensel E. VanHolde, Professor of Biophysics.

6. $27,789 - "Oxidation of Coordinated Cysteine and Cysteamine," June 1, 1975, through July 31, 1976, under the direction of Dr. James H. Krueger, Associate Professor of Chemistry.

7. $26,616 - "Molecular Basis for Protein-Nucleic Acid Interactions," June 1, 1975, through May 31, 1976, under the direction of Dr. Henry W. Schaup, Assistant Professor of Biochemistry and Biophysics.

8. $2,945 - "Nucleic Acids: Their Conformation and Function," November 1, 1974, through October 31, 1975, under the direction of Dr. Walter Johnson, Associate Professor of Biochemistry and Biophysics.

9. $5,500 - "Cultivation of Molluscan Cell Lines," April 7 through December 31, 1975, under the direction of Dr. C. J. Bayne, Assistant Professor of Zoology.

10. $17,682 - "Fluorescence of Nucleic Acids and Bases at Room Temperature," June 1, 1975, through May 31, 1976, under the direction of Dr. Malcolm Daniels, Associate Professor of Chemistry, Radiation Center.

11. $18,304 - "A development award in behalf of Henry W. Schaup," July 1, 1975, through June 30, 1976, under the direction of Dr. R. W. Newburgh, Head, Department of Biochemistry and Biophysics.

Subgrant of $12,229 through the University of Oregon, Eugene, under a Pacific Northwest Regional Commission grant, "to study and compile information for the preparation of a map of the soils of the Pacific Northwest Region," March 30 through September 7, 1975, under the direction of Dr. Gerald Simonson, Professor of Soil Science; Dr. Barry Schrupp, Acting Director of the Environmental Remote Sensing Applications Laboratory; and Dr. Ray Northam, Professor of Geography.

Grant of $500 from Velsicol Chemical Corporation, for a study concerned with, "Pocket Gopher Food Habits," under the direction of Dr. Hugh C. Black, Associate Professor, Forest Research Laboratory.

Grant of $6,000 from the Weyerhaeuser Company, for a study concerned with, "Pocket Gopher Food Habits," under the direction of Dr. Hugh C. Black, Associate Professor, Forest Research Laboratory.

Gifts to the Oregon State University Horner Museum, from various donors, as follows:

Gifts of 14 strands of Indian necklaces, 3 skulls, 8 trade bracelets, 3 ointment jars, 1 pestle, 2 gaming sticks, 1 child's bow, 2 whistles, an axe head, wooden bowl, flintlock, oil bowl seal canoe, red paint, 2 pipes, rubbing stone, small carved bowl, collection of miscellaneous beads and ornaments, Bison skull, and Antelope spikes used as Indian Chief's headdress, from Mr. Keith Chamberlain, Mosier. The gifts are valued at $2,235.
Mrs. C. Holt

Gifts of a large wooden candle, bill holder made by National Cash Register Company, hand painted candle holders, a mandarin coat and trousers, and 2 lusteware soup dishes, from Mrs. Curtis Holt, Portland. The gifts are valued at $700.

Grants to Agric. Exper. Stations:

Agricultural Research Foundation: $10,000 - "To study the breeding genetics, pathology, chemistry and culture of hops," under the direction of Mr. Sam T. Likens, Associate Professor of Chemistry.

Equipment for the various Agricultural Experiment Station Departments and Divisions, valued at $10,179.67.

$2,500 - "Controlling weeds in field crops," under the direction of Dr. Arnold Appleby, Professor of Crop Science.

$4,000 - "Studies on Fatty-urea interactions," under the direction of Dr. D. C. Church, Professor of Animal Nutrition.

$11,400 - "Hops Research," under the direction of Dr. C. E. Horner, Professor of Plant Pathology.

$2,000 - "Plant research," under the direction of Dr. Stanley F. Miller, Associate Professor of Agricultural Economics.

$6,000 - "Methodology of Flavor Evaluations," under the direction of Mrs. Lois McGill, Professor of Food Science and Technology.

$2,000 - "Planning and Direction of Research," under the direction of Dr. Paul E. Kifer, Professor and Head of Food Science and Technology.

$935 - "Plant analysis studies," under the direction of Dr. M. H. Chaplin, Associate Professor of Horticulture.

Blue Mountain Potato Growers

$700 - "Purchase of a potato planter and repairs on it," under the direction of Mr. Thomas P. Davidson, Assistant Professor of Horticulture.

Chevron Chemical Company

$750 - "Testing Fungicides for the Control of Diseases of Fruit Trees," under the direction of Mr. Iain C. MacSwan, Extension Plant Pathology Specialist.

CHZM Hill

$1,000 - "Disposal Product Reactions," under the direction of Dr. V. Van Volk, Associate Professor of Soil Science.

Diamond Shamrock Corporation

$200 - "Control of Tree Fruit Pests," under the direction of Dr. R. W. Zwick, Associate Entomologist, Mid-Columbia Experiment Station.

Fruit Growers League of Jackson County

$1,100 - "Towards the purchase of a portable overtree sprinkler system at Southern Oregon Experiment Station," under the direction of Dr. Peter H. Westigard, Professor of Entomology.

Oregon Fish Commission

$861.49 - "Development of aging techniques for Rockfish (Sebastes)," under the direction of Dr. H. F. Horton, Professor of Fisheries.

$1,706 - "Construction and Maintenance of Research Facilities," under the direction of Dr. D. L. Crawford, Associate Professor of Food Science and Technology.
$9,385 - "Utilization of Seafood Industry Waste," under the direction of Dr. D. L. Crawford, Associate Professor of Food Science and Technology.

$4,033 - "Salmonid Nutrition," under the direction of Mr. D. K. Law, Associate Professor of Food Science and Technology.

$7,000 - "Infectious Diseases of Salmonid Fishes," under the direction of Dr. John L. Fryer, Professor of Microbiology and Fisheries.

$9,575 - "Analysis of milk processing and distribution costs within the Oregon Milk Industry," under the direction of Dr. Grant E. Blanch, Professor of Agricultural Economics.

$1,625 - "Prevention and Control of Vibriosis in Fall Chinook Salmon and Related Species in Saltwater Impoundments in the Oregon Coast," under the direction of Dr. J. L. Fryer, Professor of Microbiology and Fisheries.

$1,625 - "Detection and Prevention of Infectious Pancreatic Necrosis Virus in Salmonid Fish," under the direction of Dr. John L. Fryer, Professor of Microbiology and Fisheries.

$1,000 - "Diagnosis and Epizootiology of Fish Disease," under the direction of Dr. John L. Fryer, Professor of Microbiology and Fisheries.

$5,100 - "Research program on lily bulbs," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

$3,224 - "Investigation of the Status of Prairie Falcon Populations Breeding in Oregon," under the direction of Dr. E. Charles Meslow, Assistant Professor of Wildlife Ecology.

$1,644.50 - "Bitterbrush Management," under the direction of Dr. A. H. Winward, Assistant Professor of Rangeland Resources.

$9,000 - "Parasites on Pets," under the direction of Dr. Robert L. Goulding, Professor of Entomology.


$500 - "Evaluating N-2596 and Dyfonate on Cole Crops and Various Vegetables," under the direction of Dr. H. H. Crowell, Professor of Entomology.

$7,000 - "Research on Pesticides for Mint Crops," under the direction of Dr. L. C. Terriere, Professor of Biochemistry and Insect Toxicology.

$1,000 - "Toxicology Research," under the direction of Dr. L. C. Terriere, Professor of Biochemistry and Insect Toxicology.

$1,900 - "Testing of 'popcorn' sulfur," under the direction of Dr. E. Hugh Gardner, Professor, Extension Soil Science Specialist.

$500 - "Research program with Alar on pears and other pear studies," under the direction of Mr. Walter Mellenthin, Professor of Horticulture.
$1,250 - "Evaluation and development research on potential new crops," under the direction of Dr. Wheeler Calhoun, Jr., Associate Professor of Agronomic Crop Science.

$349.78 - "Biology, ecology, and control of insects that affect production of grass seed," under the direction of Dr. James A. Kamm, Research Entomologist.

$7,000 - "Research on ecology of the Columbian white-tailed deer along the lower Columbia River in Washington and Oregon," under the direction of Dr. E. Charles Meslow, Assistant Professor of Wildlife Ecology.

$1,279 - "Graduate research on wildlife ecology," under the direction of Mr. Howard M. Wight, Leader of Oregon Cooperative Wildlife Research Unit.

$1,562 - "Population Study of the Red-banded Trout," under the direction of Dr. John D. McIntyre, Associate Professor of Fisheries.

$1,156.74 - "Development, evaluation, and maintenance of Pathogen-free vegetatively-propagated plant stock," under the direction of Dr. Thomas C. Allen, Jr., Professor of Plant Pathology.

$687 - "Study of soil fertility," under the direction of Dr. T. L. Jackson, Professor of Soil Science.

$1,000 - "Research on control of tree fruits pests," under the direction of Dr. R. W. Zwick, Associate Professor of Entomology.

Gifts totaling $13,127.71 from the following donors for scholarships and fellowships:

- American Business Women's Association, Aloha
- Bate Plywood Scholarship, Merlin
- Blum-Kovler Foundation Scholarship Fund, Chicago, Illinois
- Cockerline Memorial Trust Fund, through the U. S. National Bank of Oregon, Salem
- Lulu M. Demaray Trust, through the First National Bank of Oregon, Medford
- Dr. Scholarship Funds, Majuro, Marshall Islands
- Eugene Rotary Foundation, Eugene
- Evans Scholars Foundation, Golf, Illinois
- Faculty Children's Scholarship, Hofstra University, Hempstead, New York
- Green Valley Lumber Company, Roseburg
- Mark Guild Lloyd Babler III Memorial Fund, Portland
- Marshall Family Charitable Trust, through Woodside High School, Woodside, California
- Oregon State Association of Emblem Clubs, Grants Pass
- Portland Rose Festival Association, Portland
- Rockefeller University, New York
- St. Andrews Society of Oregon, Lake Oswego
- United Methodist Women, Oregon-Idaho Conference
- Yale University, New Haven, Connecticut
Gift of $2,000 from the Estate of Eric Englund, Washington, D.C., for "scholarships," under the direction of Mr. W. N. McLaughlin, Director of Business Affairs.

Gift of a new press box facility at Hayward Field, from the Eugene Planing Mill, Eugene. The gift is valued at $1,278.79.

Gift of twenty-five trees, from Mr. Glen Handy, Portland. The gift is valued at $300.

Grant of $15,000 from the Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, for research entitled, "A Study of Quantum Fluids in Space," May 13 through September 30, 1975, under the direction of Dr. Russell J. Donnelly, Professor of Physics.

Grants totaling $48,825.88 from the Lane County Board of County Commissioners, Eugene, for the following purposes:

1. $11,743.88 - "Program Services under Title II of the Comprehensive Employment and Training Act of 1973," May 1 through July 31, 1975, under the direction of Mr. Jack Steward, Director of Personnel.

2. $37,082 - "Pre-Retirement Education and Training Study," April 30, 1975, through April 29, 1976, under the direction of Dr. Sheldon Meyer, Director, Research Programs, Oregon Center for Gerontology.

Grant of $1,000 from Lounsbury-Musgrove Mortuary, Eugene; Buell Chapel, Springfield; and McGaffey-Andreason Eugene Memorial Chapel, Eugene, for support of the "Widow-to-Widow Program for Lane County," May 1 through July 1, 1975, under the direction of Dr. Frances G. Scott, Director, Oregon Center for Gerontology.

Grant of $115,760 from the Charles Stewart Mott Foundation, Flint, Michigan, for "the Northwest Community Education Development Center," July 1, 1975, through June 30, 1976, under the direction of Mr. Larry Horyna, Director, Northwest Community Education Development Center.

Grant of $1,000 from the National Foundation March of Dimes, Eugene, "to purchase films dealing with genetics," under the direction of Dr. Greg Fowler, Visiting Assistant Professor of Biology, and Mrs. Georgette Bozovic, Office Manager, Biology Department.

Grant of $200 from the National Merit Scholarship Corporation, Evanston, Illinois, for "an unrestricted grant to the institution," under the direction of Mr. W. N. McLaughlin, Director of Business Affairs.

Grants totaling $376,800 from the National Science Foundation, Washington, D.C., for research and other purposes, as follows:

1. $40,000 - "Environmental Loan and the Allocation of Attention," July 1, 1975, through December 31, 1977, under the direction of Dr. Sheldon Cohen, Assistant Professor of Psychology.

2. $53,000 - "Transplantation of Chloroplasts and Nitrogen-Fixing Endosymbionts into Protoplasts of Angiosperms," May 1, 1975, through October 31, 1977, under the direction of Dr. Howard T. Bonnett, Associate Professor of Biology.
3. $11,100 - "Probability and Statistics," April 15, 1975, through September 30, 1976, under the direction of Dr. Fred C. Andrews, Professor of Mathematics, and Dr. Donald R. Truax, Professor of Mathematics.

4. $37,200 - "Neuro-Endocrine Studies in Cell Culture Systems," May 1, 1975, through October 31, 1976, under the direction of Dr. Edward Herbert, Professor of Chemistry.

5. $50,000 - "Development of Mauthner Cell Synaptic Connections," May 15, 1975, through October 31, 1977, under the direction of Dr. Charles Kimmel, Assistant Professor of Biology.

6. $4,700 - "Low Temperature Physics," May 1, 1975, through June 30, 1976, under the direction of Dr. George W. Rayfield, Associate Professor, Physics.

7. $28,800 - "Finite Group Theory and Representation Theory," July 1, 1975, through December 31, 1976, under the direction of Dr. Gary M. Seitz, Associate Professor of Mathematics; Dr. Charles W. Curtis, Professor of Mathematics; and Dr. William M. Kantor, Associate Professor of Mathematics.

8. $29,600 - "To assist in the acquisition of a Laser System and Associated Optical Instrumentation," May 1, 1975, through October 31, 1976, under the direction of Dr. William T. Simpson, Head, Chemistry.

9. $69,800 - "Canopy Subsystems of Western Coniferous Forests," June 1, 1975, through November 30, 1976, under the direction of Dr. George Carroll, Associate Professor of Biology.

10. $35,000 - "Inelastic Two and Three Photon Scattering from Biological Polymers," June 1, 1975, through November 30, 1976, under the direction of Dr. Warner L. Peticolas, Professor of Chemistry.

11. $3,700 - "To assist in the improvement of the quality of undergraduate science instruction through the acquisition of instructional scientific equipment," June 1, 1975, through May 31, 1977, under the direction of Dr. Peter G. Moulton, Assistant Professor, Computer Science.

12. $13,900 - "Normed Algebras and Abstract Harmonic Analysis," July 1, 1975, through December 31, 1976, under the direction of Dr. Theodore Palmer, Associate Professor of Mathematics, and Dr. Kenneth A. Ross, Professor of Mathematics.

Oregon Committee Grants totaling $15,670.50 from the Oregon Committee for the Humanities, Portland, for research and other purposes, as follows:

1. $900 - "Reaffirming the Humanistic Values of American Community," December 1, 1974, through August 15, 1975, under the direction of Dr. M. George Zaninovich, Professor of Political Science.

2. $894.50 - "Chicano Film Festival," May 13 through June 30, 1975, under the direction of Miss Nancy Barcelo, Director, Educational Opportunity Services.
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Oregon Mathematics Education Council Grants totaling $47,405 from the Oregon Mathematics Education Council, Salem, for the following purposes:

1. $15,890 - "To provide summer salary and salary benefits for Donald Rasmussen and Eugene Maier, Department of Mathematics, and David Moursund, Department of Computer Science," June 15 through September 15, 1975, under the direction of Dr. Eugene Maier, Professor of Mathematics.

2. $31,515 - "Support of the Mathematics Resource Center," July 1, 1975, through June 30, 1976, under the direction of Dr. Alan Hoffer, Associate Professor, Mathematics.

Pacific Northwest Regional Commission Grant of $50,000 from the Pacific Northwest Regional Commission, Washington, D. C., "for the preparation of Pacific Northwest Regional maps and overlays," April 1 through September 30, 1975, under the direction of Dr. Michael W. Donley, Assistant Professor of Geography.


Alfred P. Sloan Foundation Grant of $16,219 from the Alfred P. Sloan Foundation, New York, "for general support of research," September 16, 1975, through September 15, 1977, under the direction of Dr. Frederick W. Dahlquist, Research Associate, Institute of Molecular Biology.

State of Montana Grant of $43,285 from the State of Montana, Helena, Montana, "To pay salary and fringe benefits for Dr. Robert Mattson while serving as Director of Institutions for the State of Montana," May 1, 1975, through June 30, 1976, under the direction of Dr. Robert D. Gilberts, Dean, College of Education.

U. S. Department of Agriculture Grant of $714 from the U. S. Department of Agriculture, Roseburg, "For an archaeological survey in Douglas County, Oregon," May 14 through June 25, 1975, under the direction of Dr. C. Melvin Aikens, Associate Professor of Anthropology.

U. S. Department of Health, Education, & Welfare Grants totaling $2,952,333 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for research and other purposes, as follows:

1. $515,198 - "Regional Resource Center #1, Northwest," February 1, 1975, through January 31, 1976, under the direction of Dr. James E. Crosson, Associate Professor of Education.

2. $982,822 - "College Work Study Program," July 1, 1975, through June 30, 1976, under the direction of Mr. Walter Freaufl, Director of Financial Aids.

4. $180,500 - "Upward Bound and Special Services programs," July 1, 1975, through June 30, 1976, under the direction of Miss Pearlie Mae Hill, Director, Upward Bound, and Mr. Herb Cawthorne, Director, Special Services.

5. $134,000 - "Cost Analysis and Program Budgeting of Community Residential Facilities and Rehabilitation Program," July 1, 1975, through June 30, 1976, under the direction of Dr. Andrew S. Halpern, Director, Rehabilitation Research and Training Center.

6. $30,000 - "Special Educator--University Affiliated Facility," June 1, 1975, through May 31, 1976, under the direction of Dr. Robert H. Schwarz, Director, Center on Human Development.

7. $200,000 - "Preparation of Special Education and Speech Pathology Personnel in the education of the handicapped," June 1, 1975, through May 31, 1976, under the direction of Dr. Herbert J. Prehm, Professor of Education.

8. $30,000 - "A New Look at Teacher Training," June 1, 1975, through May 31, 1976, under the direction of Dr. Robert H. Schwarz, Professor of Education and Director, Center on Human Development.

9. $42,000 - "Project EXTENDED, Phase VII, Handicapped Teacher Education," June 1, 1975, through May 31, 1976, under the direction of Dr. Larry Neal, Associate Professor, Center for Leisure Studies.


11. $79,293 - "Support of the University Affiliated Facilities," June 30, 1975, through June 29, 1976, under the direction of Dr. Robert H. Schwarz, Professor of Education.

U.S. Department of the Interior
Grants totaling $9,561 from the U.S. Department of the Interior, Menlo Park, California, for the following purposes:

1. $7,711 - "Paleozoic Brachiopods and Conodonts of Southeastern Alaska," April 7, 1975, through April 1, 1976, under the direction of Dr. Norman M. Savage, Associate Professor of Geology.

2. $1,850 - "Cultural resource (archaeological and historical site) survey of the leased KGRA," April 18 through June 30, 1975, under the direction of Dr. Melvin Aikens, Associate Professor of Anthropology.

U.S. Department of Labor
A contract reduction of $17,308 from the U.S. Department of Labor, Seattle, Washington, representing a reduction in expense at the Tongue Point Job Corps Center, July 1, 1973, through December 31, 1974, under the direction of Mr. Phil Wilbur, Director, Tongue Point Job Corps Center.

U.S. Public Health Service
Grants totaling $986,304 from the U.S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $26,969 - "Physiology of Visual Afferent Pathways," May 1, 1975, through April 30, 1976, under the direction of Dr. Richard T. Marrocco, Assistant Professor of Psychology.
2. $15,444 - "Training program in Biochemistry," July 1, 1975, through June 30, 1976, under the direction of Dr. Raymond G. Wolfe, Professor of Chemistry.

3. $47,299 - "Biomedical Sciences Support Grant," June 1, 1975, through May 31, 1976, under the direction of Dr. Aaron Novick, Dean of the Graduate School.

4. $9,056 - "Kinetic Analysis of Enzyme Catalysis," May 1 through December 31, 1975, under the direction of Dr. Sidney A. Bernhard, Research Associate, Institute of Molecular Biology.

5. $90,392 - "Behavioral Diagnostic Methods for Family Intervention," June 1, 1975, through May 31, 1976, under the direction of Dr. Stephen M. Johnson, Associate Professor of Psychology.

6. $36,943 - "Genetics of Visual Pigments," May 1, 1975, through April 30, 1976, under the direction of Dr. Frederick W. Munz, Professor of Biology.

7. $18,330 - "Research Career Program Grant on behalf of Dr. John H. Postlethwait," July 1, 1975, through June 30, 1976, under the direction of Dr. Sanford Tepfer, Head, Biology.

8. $24,203 - "Molecular Interactions in Synaptic Transmission," June 1, 1975, through May 31, 1976, under the direction of Dr. Sidney A. Bernhard, Research Associate, Institute of Molecular Biology.

9. $5,182 - "Interactions of Nucleotides and Proteins," April 1, 1975, through March 31, 1976, under the direction of Dr. John A. Schellman, Professor of Chemistry.

10. $7,950 - "Structure and Relations of Proteins and Nucleic Acids," January 1 through December 31, 1975, under the direction of Dr. Peter H. von Hippel, Director, Institute of Molecular Biology.

11. $15,118 - "Molecular Basis of Cellular Regulatory Mechanisms," September 1, 1974, through August 31, 1975, under the direction of Dr. Aaron Novick, Research Associate, Institute of Molecular Biology.

12. $3,941 - "Molecular Mechanisms of Mutation," January 1 through December 31, 1975, under the direction of Dr. George Streisinger, Research Associate, Institute of Molecular Biology.

13. $2,408 - "Chromosomal Structure and Genetic Redundancy," September 1, 1974, through August 31, 1975, under the direction of Dr. Donald E. Wimber, Professor of Biology.

14. $1,000 - "Supply allowance on behalf of Arnold Rezzin," April 1, 1975, through March 31, 1976, under the direction of Dr. Peter von Hippel, Director, Institute of Molecular Biology.

15. $12,521 - "Laser Raman Scattering from Biological Macromolecules," September 1, 1974, through August 31, 1975, under the direction of Dr. Warner L. Peticolas, Professor of Chemistry.
16. $2,361 - "Refinement of the 3D Structure of Thermolysin," January 1 through December 31, 1975, under the direction of Dr. Brian Matthews, Research Associate, Institute of Molecular Biology.

17. $92,192 - "Undergraduate Training in Evaluative Research," July 1, 1975, through June 30, 1976, under the direction of Mr. James D. Marshall, Visiting Assistant Professor, School of Community Service and Public Affairs.

18. $708 - "Membrane Systems in Mitosis," under the direction of Dr. Patricia J. Harris, Adjunct Associate Professor, Biology.

19. $76,070 - "Spin Labeling and Membrane Structure," June 1, 1975, through May 31, 1976, under the direction of Dr. O. Hayes Griffith, Research Associate, Institute of Molecular Biology.

20. $8,941 - "Studies on the Function of the Mitotic Spindle," February 1, 1975, through January 31, 1976, under the direction of Dr. Andrew S. Bajer, Professor of Biology.

21. $33,865 - "New Spin-Labels for Studying Biological Membranes," June 1, 1975, through May 31, 1976, under the direction of Dr. John F. Keana, Associate Professor of Chemistry.

22. $134,001 - "A Research Study of Retirement Preparation Programs," June 1, 1975, through May 31, 1976, under the direction of Dr. Frances G. Scott, Director, Oregon Center for Gerontology.

23. $45,137 - "Neural Mechanisms of Circadian Rhythms," June 1, 1975, through May 31, 1976, under the direction of Dr. Marvin Gordon-Lickey, Associate Professor of Psychology.

24. $38,049 - "Catalytic Mechanism Studies, Malic Dehydrogenase," June 1, 1975, through May 31, 1976, under the direction of Dr. Raymond G. Wolfe, Jr., Professor of Chemistry.

25. $95,460 - "New Careers in Mental Health," July 1, 1975, through June 30, 1976, under the direction of Dr. James G. Kelly, Dean, School of Community Service and Public Affairs.

26. $61,385 - "Structure, Function and Stability of T4 Phage Lysozyme," June 1, 1975, through May 31, 1976, under the direction of Dr. Brian W. Matthews, Professor of Physics.

27. $81,379 - "Training Program in Clinical Psychology," July 1, 1975, through June 30, 1976, under the direction of Dr. Edward Litchenstein, Professor of Psychology.

Subgrant of $8,370 through the University of Hawaii, Honolulu, Hawaii, under a National Science Foundation grant, "for research conducted by Dr. Kemp," January 1, 1975, through February 29, 1976, under the direction of Dr. James Kemp, Professor of Physics.

Subgrant of $2,000 through the University of Iowa, Iowa City, Iowa, under a National Institute of Health grant, "for expenditures incurred by Dr. Murphey in connection with his research," January 1 through June 30, 1975, under the direction of Dr. R. K. Murphey, Visiting Assistant Professor of Biology.
Grant of $14,658 from the ZX Ranch, Paisley, "to conduct archaeological research in Coffee Pot Dam area," June 15, 1975, through September 30, 1976, under the direction of Mr. David Cole, Curator, Museum of Natural History.

Gifts to the University of Oregon Library, from various donors, as follows:

Mrs. M. Acker Books on economics and important government publications, from Mrs. Mignon Acker, Washington, D. C. The gift is valued at $1,895.

Dr. R. C. Albrecht Selections including important abolitionist writings and works by early nineteenth century, liberal, New England clergymen who were associated with the transcendentalists and with the most vigorously outspoken of the abolitionists, from Dr. Robert C. Albrecht, Eugene. The gift is valued at $1,050.

Mrs. E. Anthony Additional papers and correspondence of Edward Anthony, from Mrs. Esther Anthony, New Milford, Connecticut. The gift is valued at $3,150.

Mrs. P. D. Ballard Additional drawings done by "Dwigg," Clare Victor Dwiggins, from Mrs. Phoebe Dwiggins Ballard, Mount Dora, Florida. The gift is valued at $1,575.

Mr. H. Evarts, Jr. Additional manuscript material of Hal G. Evarts, from Mr. Hal G. Evarts, Jr., La Jolla, California. The gift is valued at $150.

Mr. R. G. Faich Selections of volumes in the areas of sociology, psychology, and political science, from the library of Mr. Ronald G. Faich, Milwaukee, Wisconsin. The gift is valued at $2,130.

Mrs. G. Gellert Additional materials for the collection of Nathan Henry Gellert, from Mrs. Georgia Gellert, Seattle, Washington. The gift is valued at $2,162.

Mrs. E. S. Hader Additions to the Berta and Elmer Hader collection of original artwork and manuscripts for their children's books, from Mrs. Elmer S. Hader, Nyack, New York. The gift is valued at $13,100.

The Japan Foundation Gift of $4,337 from The Japan Foundation, Chiyoda-Ku, Tokyo 100, Japan, "for expansion of the library collection in Japanese literature and history in the late Taisho to early Showa period," July 1, 1975, through June 30, 1976, under the direction of Dr. Ryoko Toyama McClellan, Bibliographer and Cataloger to the Orientalia Collection.

Dr. W. Leppmann A selection of books, in German, translations and original works of contemporary fiction and non-fiction, from Dr. Wolfgang Leppmann, Eugene. The gift is valued at $104.50.

Mrs. D. Loomis Additional material for the Noel Loomis collection, from Mrs. Dorothy Loomis, Descanso, California. The gift is valued at $125.

Mrs. M. G. Lowman Research files of Myers Lowman, who headed the Circuit Riders organization, from Mrs. Myers G. Lowman, Buena Park, California. The gift is valued at $4,475.

Mr. J. P. Maddex A selection of books dealing with American history, from the library of Mr. Jack P. Maddex, Eugene. The gift is valued at $151.
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July 22, 1975

Dr. M. J. Mandeville  A selection of books in the area of the occult and parapsychology, from the library of Dr. Merten J. Mandeville, Ventura, California. The gift is valued at $239.

Mr. & Mrs. W. McNeir  Selections in the field of English literature, principally Shakespeare and Spencer, from the library of Mr. and Mrs. Waldo F. McNeir, Houston, Texas. The gift is valued at $7,550.

Mr. R. Rorty  Manuscript and correspondence files of James Rorty, from Mr. Richard Rorty, Princeton, New Jersey. The gift is valued at $10,000.

Mrs. J. H. Sachs  Selections including a particularly good selection of titles on business and economics, from the library of Mrs. James H. Sachs, Pound Ridge, New York. The gift is valued at $1,950.

Mr. J. S. Spears  Additional material for the Raymond S. Spears collection, from Mr. John S. Spears, Stockton, California. The gift is valued at $275.

Mrs. A. M. Steiner  Additional material for the collection of George Steiner, from Mrs. Adele M. Steiner, Suffern, New York. The gift is valued at $500.

Dr. T. Stern  A selection in the field of anthropology, from the library of Dr. Theodore Stern, Eugene. The gift is valued at $1,955.

Mrs. W. J. Wolf  Additional material for the Marie de Nervaud collection, from Mrs. William J. Wolf, Cambridge, Massachusetts. The gift is valued at $750.

Mrs. F. E. Woltman  Correspondence and working files of Mr. Woltman, an outstanding journalist and feature writer, from Mrs. F. E. Woltman, Sarasota, Florida. The gift is valued at $10,500.

Gifts to the University of Oregon Museum of Art:  Gifts to the University of Oregon Museum of Art, from various donors, as follows:

Dr. & Mrs. D. Collis  Gift of $100 from Dr. and Mrs. Dennis K. Collis, Eugene, "for a contribution toward the purchase of wood sculpture titled 'Pictures at an Exhibition' by Tom Williams."

Mr. W. J. Handy  Two paintings by Hiram Williams: "Marching Figures" and "Two Moving Figures," from Mr. William J. Handy, Eugene. The gift is valued at $8,000.

Stretch & Sew  Gift of $200 from Stretch and Sew, Eugene, for "a contribution toward the purchase of wood sculpture titled 'Pictures at an Exhibition' by Tom Williams."

F. Van Hevelingen  Encaustic painting, "Fragmented Form #5 (Image)," from Frances Van Hevelingen, Canby. The gift is valued at $650.

Dr. & Mrs. C. Williams  Gift of $200 from Dr. and Mrs. C. F. Williams, Eugene, for a "contribution toward purchase of wood sculpture titled 'Pictures at an Exhibition' by Tom Williams."
University of Oregon Health Sciences Center

University of Oregon Dental School

Grants totaling $128,631 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $59,220 - "Training program in Pedodontics," July 1, 1975, through June 30, 1976, under the direction of Dr. Donald R. Porter, Professor, Department of Pedodontics.

2. $41,803 - "Infrared Emissivity of Teeth and Intraoral Mucosa," June 1, 1975, through May 31, 1976, under the direction of Dr. James W. Irwin, Senior Research Associate, General and Oral Pathology.

3. $27,608 - "Cervicular Plaque: Its Role in Immunosuppression," June 1, 1975, through May 31, 1976, under the direction of Dr. Howard R. Creamer, Associate Professor of Microbiology.

University of Oregon Medical School

Gifts totaling $1,387.50 from the following donors for scholarships and fellowships:

American Business Women's Association, Portland $187.50
Carpenter Foundation, through Medford Senior High School, Medford 100.00
St. Elizabeth Community Hospital Auxiliary, Baker 400.00
Burt K. Snyder Educational Foundation, through the First National Bank of Oregon, Klamath Falls 300.00
Voliture #25, 40 & 8, Lake Oswego 300.00
Mrs. Harold F. Wendel, Portland 100.00

Grant of $330 from the American Medical Association, Chicago, Illinois, for "support of instructional and research programs at the Medical School," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.

Gift of $124.34 from the Estate of John Bitte, Portland, for "research purposes," under the direction of Dr. Charles N. Holman, Dean of the Medical School.

Gift of $200 from Dr. L. Christensen, Portland, for "research in diseases of the eye," under the direction of Dr. Kenneth Swan, Chairman, Department of Ophthalmology.

Gift of $100 from the Henry Waldo Coe Trust, Portland for "an annual prize given by the faculty for the best thesis on a subject to be selected by the faculty," under the direction of Dr. Charles N. Holman, Dean of the Medical School.

Gift of $100 from Mrs. Ralph Downer, Lyons, for "cancer research," under the direction of Dr. Charles N. Holman, Dean of the Medical School.

Gift of $237 from Dr. Bernard J. Eggertson, San Diego, California, for "instructional research programs at the Medical School," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.
Meeting #425-94

Gift of $100 from Mr. L. Fairchild, Albany, for the "unrestricted use of the Ophthalmology Department," under the direction of Dr. Kenneth Swan, Professor and Chairman, Department of Ophthalmology.

Grant of $993.68 from General Electric Japan, Ltd., Minato-ki, Tokyo 107, Japan, "for research in the field of diabetes," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.

Gift of $125.36 from Dr. Jon M. Hanifin, Portland, "for instructional purposes, travel, equipment, etc," under the direction of Dr. Walter Lobitz, Head, Department of Dermatology.

Gift of $100 from Mr. J. Clifton Hatcher, Myrtle Creek, "for cancer research," under the direction of Dr. William Fletcher, Director, Oregon Comprehensive Cancer Program.

Gift of $100 from Dr. Larry A. Hoover, Lake Oswego, "for library and educational purposes of the department of Otolaryngology," under the direction of Dr. D. DeWeese, Chairman, Department of Otolaryngology.

Gift of $100 from Mr. J. Clifton Hatcher, Myrtle Creek, "for cancer research," under the direction of Dr. William Fletcher, Director, Oregon Comprehensive Cancer Program.

Gift of $100 from Dr. Larry A. Hoover, Lake Oswego, "for library and educational purposes of the department of Otolaryngology," under the direction of Dr. D. DeWeese, Chairman, Department of Otolaryngology.

Grant of $100 from the International Dunes Company, Portland, "for the use of the neo-natal clinic of Doernbecher Hospital," under the direction of Dr. G. Babson, Professor of Pediatrics.

Grant of $101.70 from the Korea Institute of Science and Technology, Seoul, Korea, for "diabetes research," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.

Gift of $100 from Mr. R. Kirk Landon, Miami, Florida, for "cancer research," under the direction of Dr. William Fletcher, Director, Oregon Comprehensive Cancer Program.

Gift of $7,906.50 from the Estate of Edward M. Mader, Portland, "for the unrestricted use of Doernbecher Memorial Hospital for Children," under the direction of Dr. Michael D. Baird, Administrator, Hospitals and Clinics.

Grant of $4,743.38 from the Meyer Foundation, Portland, "for an unrestricted grant for humanities research," under the direction of Dr. Joseph B. Trainer, Professor of Medicine, Associate Professor of Physiology.

Gift of $150 from Dr. Robert L. Moesinger, Ogden, Utah, "for library and educational purposes of the department of Otolaryngology," under the direction of Dr. David DeWeese, Chairman, Department of Otolaryngology.

Grant of $10,000 from New Eyes for the Needy, Inc., Short Hills, New Jersey, "to apply on the purchase of a Siemens 101 Electron Microscope," under the direction of Dr. Kenneth C. Swan, Professor and Chairman, Department of Ophthalmology.

Grant of $300 from the Norwich Pharmacal Company, Norwich, New York, for a "urology research fund," under the direction of Dr. Clarence Hodges, Head, Division of Urology.
Meeting #425-95

July 22, 1975

Oregon Cancer Society
Grant of $9,160 from the Oregon Cancer Society, Portland, for research entitled, "Chemical Carcinogenesis in Immunologically Abnormal Mice," April 1, 1975, through March 31, 1976, under the direction of Dr. Benjamin V. Siegel, Professor of Pathology.

Howard Payne College
Grant of $500 from the Howard Payne College, Brownwood, Texas, "for the purchase of mammography equipment," under the direction of Dr. Charles N. Holman, Dean of the Medical School.

Estate of V. Plantz
Gift of $15,459.09 from the Estate of Viola H. Plantz, Medford, "for cancer research," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.

The Portland Clinic
Grant of $100 from The Portland Clinic, Portland, for "the Noble Wiley Jones Lectureship Fund in the School of Medicine," under the direction of Dr. Lewis Bluemle, Jr., President of the Health Sciences Center.

Portland Federation of Women's Organizations
Grant of $345 from the Portland Federation of Women's Organizations, Portland, for the "unrestricted use of Doernbecher Memorial Hospital," under the direction of Dr. Gary J. Rood, Administrator, University Hospital South.

Proctor and Gamble Distributing Company
Grant of $4,000 from the Proctor and Gamble Distributing Company, Cincinnati, Ohio, "for instructional purposes, travel, equipment, etc.," under the direction of Dr. Walter C. Lobit, Chairman, Department of Dermatology.

Schwann's Sales Enterprises, Inc.
Grant of $500 from Schwann's Sales Enterprises, Inc., Marshall, Minnesota, "for research in the Medical School," under the direction of Dr. Charles N. Holman, Dean of the Medical School.

Dr. F. Storrs
Gifts totaling $679.20 from Dr. Frances Storrs, Portland, for the following purposes:

1. $539.20 - "For research, equipment, travel, salary and other expenses of dermatology department," under the direction of Dr. Frances Storrs, Assistant Professor, Dermatology.

2. $140 - "For the purchase of books, supplies, journals, and general purposes of the Dermatitis Evaluation Clinic," under the direction of Dr. Frances Storrs, Assistant Professor, Dermatology.

Estate of M. Taylor
Gift of $6,379.45 from the Estate of Millard B. Taylor, Portland, "for student loans," under the direction of Mr. W. A. Zimmerman, Vice President for Administration.

U. S. National Bank of Oregon
Grant of $500 from the U. S. National Bank of Oregon, Portland, for "assistance in financing the Medical School Alumni Association meeting," under the direction of Mrs. Mary Ann Lockwood, Director, University Relations.

U. S. Department of Health, Education, and Welfare
Grants totaling $127,710 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for the following purposes:

1. $35,872 - "Indexing and Analysis of Handicaps," May 1 through December 31, 1975, under the direction of Dr. David W. Macfarlane, Associate Professor of Pediatrics, Crippled Children's Division.

2. $77,112 - "Administration and operation of the Child Development Rehabilitation Center," July 1, 1975, through June 30, 1976, under the direction of Dr. Victor D. Menashe, Director, Crippled Children's Division.

Grants totaling $1,692,076 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $36,203 - "Hypothalamus in Feeding Behavior," May 1, 1975, through April 30, 1976, under the direction of Dr. Paul McHugh, Chairman and Professor, Department of Psychiatry.

2. $3,000 - "Fellowship supply allowance for Corinne C. Sherton," July 1, 1975, through June 30, 1976, under the direction of Dr. David Kabat, Associate Professor of Biochemistry.

3. $24,563 - "Graduate Training Program in Biochemistry," July 1, 1975, through June 30, 1976, under the direction of Dr. Richard T. Jones, Professor and Chairman, Department of Biochemistry.

4. $91,171 - "Aromatic Amino Acid Metabolism and Aromatic Amines," April 1, 1975, through March 31, 1976, under the direction of Dr. Jack Fellman, Professor of Biochemistry.

5. $46,714 - "Neural Control of ACTH Release," May 1, 1975, through April 30, 1976, under the direction of Dr. John W. Kendall, Professor and Head, Division of Diabetes and Metabolism.

6. $56,208 - "Effect of Function on Grafts and Implants of Collagen," May 1, 1975, through April 30, 1976, under the direction of Dr. William W. Krippaehne, Professor and Chairman, Department of Surgery.

7. $38,770 - "Role of Solute Drag in Biological Transport," May 1, 1975, through April 30, 1976, under the direction of Dr. John T. Van Bruggen, Professor of Biochemistry.

8. $65,005 - "Neural Mechanisms of Postural Control," May 1, 1975, through April 30, 1976, under the direction of Dr. John M. Brookhart, Chairman and Professor, Department of Physiology.

9. $63,870 - "Toxin Cancer Chemotherapy in Immunoprotected Animals," May 1, 1975, through April 30, 1976, under the direction of Dr. Marvin Rittenberg, Professor of Microbiology.

10. $40,079 - "Primary Binding Tests to Assay Circulating Antibodies," May 1, 1975, through April 30, 1976, under the direction of Dr. Emil J. Bardana, Jr., Assistant Professor of Allergy and Immunology.

11. $32,155 - "Placental Transfer of Hydrophilic Materials," June 1, 1975, through May 31, 1976, under the direction of Dr. J. Job Faber, Professor of Physiology.

12. $63,670 - "Fetal Water Metabolism," June 1, 1975, through May 31, 1976, under the direction of Dr. J. Job Faber, Professor of Physiology.

13. $150,661 - "Medical Cardiology," July 1, 1975, through June 30, 1976, under the direction of Dr. Frank E. Kloster, Head, Associate Professor, Division of Cardiology.
14. $51,800 - "Angiography and Cardiovascular Radiography," July 1, 1975, through June 30, 1976, under the direction of Dr. Charles T. Dotter, Professor and Chairman, Department of Diagnostic Radiology.

15. $32,055 - "Modulation of Immunity to Group A Streptococci," May 1, 1975, through April 30, 1976, under the direction of Dr. Gerrie A. Leslie, Associate Professor of Microbiology.

16. $16,318 - "Nursing Training Program for Development of Continuous Progress Instruction in Medical Surgical Nursing," June 1, 1974, through May 31, 1975, under the direction of Dr. Gerald W. Miller, Professor of Educational Research and Medical Psychology.

17. $4,054 - "Student loan fund for medical students," July 1, 1974, through June 30, 1975, under the direction of Mr. M. R. Parelius, Business Manager.

18. $30,283 - "Expansion of Nurse Training in Basic Sciences," June 1, 1975, through May 31, 1976, under the direction of Dr. Jack L. Keyes, Assistant Professor of Physiology.

19. $68,088 - "Genetic Linkage Analysis in Selected Families," June 1, 1975, through May 31, 1976, under the direction of Dr. Everett W. Lovrien, Associate Professor, Pediatrics and Medicine.

20. $62,202 - "Biochemical Cytology of Metabolic Eye Diseases," June 1, 1975, through May 31, 1976, under the direction of Dr. Robert P. Burns, Professor of Ophthalmology.

21. $29,750 - "Prolactin-Estrogen Interaction in Breast Carcinoma," June 1, 1975, through May 31, 1976, under the direction of Dr. Benjamin S. Leung, Assistant Professor of Surgery.

22. $47,280 - "Blood Oxygen Affinity and Myocardial Oxygen Supply," June 1, 1975, through May 31, 1976, under the direction of Dr. James Metcalfe, Professor of Medicine.

23. $124,649 - "Gene Expression in Normal and Malignant Animal Cells," June 1, 1975, through November 30, 1976, under the direction of Dr. Charles H. Faust, Jr., Assistant Professor of Surgery.

24. $12,600 - "Fellowship supply allowance for Dr. Robert Rice," July 1, 1975, through June 30, 1976, under the direction of Dr. Robert W. Rice, Anatomy Fellow, and Dr. B. Vaughn Critchlow, Chairman, Department of Anatomy.

25. $155,065 - "Nursing Training Program for Development of Continuous Progress Instruction in Medical Surgical Nursing," June 1, 1975, through May 31, 1976, under the direction of Dr. Gerald W. Miller, Professor of Educational Research and Medical Psychology.

26. $29,784 - "Graduate training program in Biological Sciences," July 1, 1975, through June 30, 1976, under the direction of Dr. John M. Brookhart, Chairman, Department of Physiology.

27. $7,080 - "Immunosuppressant Effects of Sedative Hypnotic Drugs," March 1, 1975, through February 29, 1976, under the direction of Dr. John D. Gabourel, Professor of Pharmacology.
28. $54,380 - "Selective Intoxication of Virus Transformed Cells," June 1, 1975, through May 31, 1976, under the direction of Dr. Wallace Iglewski, Associate Professor of Microbiology.

29. $25,000 - "Biology and Biochemistry of the Kinin-Forming System," June 1, 1975, through May 31, 1976, under the direction of Dr. Kirk Wuepper, Associate Professor of Dermatology.

30. $59,069 - "Human Chromosome Mapping and Behavior," June 1, 1975, through May 31, 1976, under the direction of Dr. Ellen R. Magenis, Assistant Professor, Pediatrics and Medical Genetics.

31. $47,157 - "UV-Absorbing Components in Urine," June 1, 1975, through May 31, 1976, under the direction of Dr. Adam W. Lis, Associate Professor of Obstetrics and Gynecology.

32. $29,135 - "IGE-Lymphocyte Interactions in Atopic Dermatitis," June 1, 1975, through May 31, 1976, under the direction of Dr. Jon M. Hanifin, Assistant Professor of Dermatology.

33. $24,246 - "Metabolic Changes in the Preimplantation Embryo," June 1, 1975, through May 31, 1976, under the direction of Dr. Harry M. Weitlauf, Associate Professor of Anatomy.

34. $59,184 - "Graduate Training Program in Endocrinology," July 1, 1975, through June 30, 1976, under the direction of Dr. Monte A. Greer, Professor and Head, Division of Endocrinology.

35. $10,800 - "A Fellowship for Daryl B. Winter," June 1, 1975, through May 31, 1976, under the direction of Dr. Daryl B. Winter, Research Associate, Biochemistry, and Dr. Howard S. Mason, Professor of Biochemistry.

University of California

Grant of $500 from the University of California, San Francisco, California, "for the purpose of planning and implementing a special in-service education program for the control group of new graduates," July 1, 1975, through June 30, 1976, under the direction of Mrs. Sylvia Sather, Director, Nursing Service, University Hospital South.

The Upjohn Company

Grant of $150 from The Upjohn Company, Kalamazoo, Michigan, "for various teaching and research purposes," under the direction of Dr. Ralph Benson, Obstetrics and Gynecology.

Whitehall Foundation, Inc.

Grant of $16,200 from the Whitehall Foundation, Inc., Palm Beach, Florida, for research entitled, "Learning Processes of Cortical Neurons," October 1, 1974, through September 30, 1976, under the direction of Dr. James H. O'Brien, Associate Professor of Medical Psychology.

Portland State University

Gifts totaling $35,122.67 from the following donors for scholarships and fellowships:

- American Business Women's Association, Chemeketa Chapter, Salem, $100.00
- Autzen Foundation, through the Portland State University Foundation, Portland, $300.00
- Banks High School Moms and Dads Club, Banks, $175.00
Beaverton Lodge No. 100 A.F. & A.M., Beaverton
Bureau of Indian Affairs, Anadarko Area Office, Anadarko, Oklahoma
Bureau of Indian Affairs, Blackfeet Agency, Billings, Montana
Bureau of Indian Affairs, Central California Agency, Sacramento, California
Bureau of Indian Affairs, Juneau Office, Juneau, Alaska
Bureau of Indian Affairs, Muskogee Area Office, Muskogee, Oklahoma
Bureau of Indian Affairs, Standing Rock Agency, Fort Yates, North Dakota
Bureau of Indian Affairs, Umatilla Indian Agency, Pendleton
Carpenter Foundation, through Medford High School, Medford
Carpenter Foundation, through Phoenix High School, Phoenix
Carpenter Foundation, through School District No. 6, Central Point
Cockerline Memorial Trust Fund Scholarship, through the U. S. National Bank of Oregon, Salem
College Entrance Exam Board, New York
Confederated Tribes and Bands, Yakima Indian Nation, Toppenish, Washington
Crown Zellerbach Foundation, San Francisco, California
Dan Davis Scholarship, through the Portland State University Foundation, Portland
Elks Department of Education, Memphis, Tennessee
Evans Products Company Foundation, Portland
Franklin High School Parent-Teacher Association, Portland
Georgia Pacific Foundation, Portland
Hokie's Pizza House, Hillsboro
Kiwanis Club of Coos Bay, Coos Bay
Kiwanis Club of Newport, Newport
Kiwanis Club of Sherwood, Sherwood
Wylie Knighton Scholarship, through the Sherman County Scholarship Association, Mora
Mark Guild for Retarded Children, Portland
Mark Guild for Retarded Citizens, Portland
Mt. View Hospital Auxiliary, Madras
Nez Perce Tribal Executive Committee, Lapwai, Idaho
Oregon Congress of Parents and Teachers, Inc., Portland
Oregon Educational Media Association, Portland
Oregon Symphony Society
Patrons of Mu Phi Epsilon (Alpha Lambda Chapter, Portland
Portland Rose Festival Association, Portland
Portland State University Foundation, Portland
Portland State University Womens Faculty Association, Lake Oswego
Owen O. Sabin Occupations Skills Center, through North Clackamas School District, Milwaukie
Sherman Union High School, Mora
Washington Natural Gas Company, Seattle, Washington
The Wednesday Club, Riverside, California

July 22, 1975

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Grant of $400 from the Academically Controlled Auxiliary Activities Committee, Portland, for the "Piven and Cloward Conference," May 15 through May 16, 1975, under the direction of Dr. Gordon Hearn, Dean, School of Social Work.

Grant of $300 from the Alcoa Foundation, Pittsburgh, Pennsylvania, for "an unrestricted gift," December 1, 1974, through June 30, 1975, under the direction of Dr. E. D. Anderson, Vice President for University Relations.

Grant of $21,423 from the City of Portland, Portland, for "training of unemployed individuals for subsequent employment in full-time jobs in the private or public sector (CETA II)," January 10 through June 30, 1975, under the direction of Mr. Lucious Hicks IV, Director, Educational Center, and Mr. William M. Harris, Coordinator, Black Studies Program.

Grant of $4,000 from The Collins Foundation, Portland, for the "investigation of Douglas fir Dwarf Mistletoe," June 15, 1975, through June 15, 1976, under the direction of Dr. Robert O. Tinnin, Associate Professor of Biology.

Gift of $150 from Congregation Beth Israel, Portland, for "services rendered by the male members of the Portland State University Chamber Choir," under the direction of Mr. Richard C. Rankin, Assistant Director of Financial Aids.

Gift of a Ming Dynasty vase for the Portland State University President's official residence, from Mr. and Mrs. Henry L. Corbett, Jr., Portland. The gift is valued at $2,000.

Grant of $20,000 from the Educational Coordinating Council, Salem, "to establish a clearing house on instructional materials for Oregon community colleges," March 1, 1975, through April 26, 1976, under the direction of Mr. E. Ray Adams, Specialist, Instructional Materials.

Grant of $100 from the Hughes Oil Company, Inc., Portland, "for the purchase of letterman jackets for athletes," under the direction of Mr. Roy L. Love, Director of Athletics.

Grant of $150 from the Multnomah County Department of Administrative Services, Portland, for the "Piven and Cloward Conference," May 15 through May 16, 1975, under the direction of Dr. Gordon Hearn, Dean, School of Social Work.

Grant of $8,900 from the National Science Foundation, Washington, D.C., "to purchase an Interdate-70 Mini-Computer for use in the Department of Mathematics," June 1, 1975, through May 31, 1977, under the direction of Dr. Maria E. Balogh, Associate Professor of Mathematics.

Grant of $1,500 from the Oregon Council on Economic Education, Portland, for "economic education for pre-high school students," under the direction of Mr. Leonard F. Robertson, Head, Department of Business Education.
Grant of $4,111 from the Oregon Graduate Center for Study and Research, Beaverton, for a project entitled, "Laser Raman Spectroscopy of Metalloproteins," May 1, 1975, through April 30, 1976, under the direction of Dr. Joann S. Loehr, Assistant Professor of Chemistry.

Gift of $100 from Mr. Joe E. Pierce, The Republic of Singapore, "to support wages for CWSP student for a special computer project," beginning April 1, 1975, under the direction of Mr. George Hoffman, Dean, College of Social Science.

Grants totaling $18,127.50 from the Portland State University Foundation, Portland, for the following purposes:

1. $400 - "To support printing costs incurred in developing foreign student brochures," beginning February 4, 1975, under the direction of Mrs. Orcilia Forbes, Assistant Dean for Students.

2. $17,227.50 - "Athletic Grant-in-Aid," under the direction of Dr. Richard B. Streeter, Director of Financial Aids.


Gift of $200 from Mrs. Suzanne S. Remy, Portland, "for the purchase of letterman jackets for athletes," beginning November 25, 1974, under the direction of Mr. Roy L. Love, Director of Athletics.

Grant of $4,900 from the Research Corporation, New York, "to determine the physical chemical properties of organic matter found in natural waters," June 6, 1975, through June 30, 1977, under the direction of Dr. Edward M. Perdue, Assistant Professor of Environmental Science-Chemistry.

Grant of $200 from Savage Sandblast, Inc., Tualatin, "for the purchase of letterman jackets for athletes," beginning December 4, 1974, under the direction of Mr. Roy L. Love, Director of Athletics.

Grant of $5,250 from the Small Business Administration, Washington, D. C., "to provide management counseling and technical assistance to small business concerns," April 22, 1975, through June 30, 1976, under the direction of Dr. Donald Parker, Dean, School of Business Administration.

Grant of $75,000 from the Tektronix Foundation, Beaverton, "to develop an Electrical-Electronic Engineering in Medicine program in Applied Science," June 15, 1975, through June 30, 1980, under the direction of Dr. Fred M. Young, Professor, Engineering and Applied Science.

Grant of $100 from the Thunderbird Electric and Plumbing Supply Ltd., Vancouver, Washington, "for the purchase of letterman jackets for athletes," beginning November 26, 1974, under the direction of Mr. Roy L. Love, Director of Athletics.

Grants totaling $2,513,892 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for the following purposes:

1. $57,000 - "Special Services for Minority and Low Income," July 1, 1975, through June 30, 1976, under the direction of Mr. Julius W. Wilkerson, Director, Operation Plus.
2. $499,615 - "Supplemental Education Opportunity Grants Program," July 1, 1975, through June 30, 1976, under the direction of Mr. Richard B. Streeter, Director, Financial Aids.

3. $743,941 - "National Direct Student Loan Fund," July 1, 1975, through June 30, 1976, under the direction of Mr. Richard Streeter, Director, Financial Aids.

4. $1,038,801 - "College Work-Study Program," July 1, 1975, through June 30, 1976, under the direction of Mr. Richard Streeter, Director, Financial Aids.

5. $41,535 - "To study the impact of the supplementary security income provisions on a specialized population of low income, elderly urban dwellers," May 13, 1974, through May 16, 1977, under the direction of Mr. Barry Lebowitz, Associate Professor, Sociology.

6. $88,000 - "To assist the Special Education Department in the training of teachers in the visually handicapped and mentally retarded area," June 1, 1975, through May 31, 1976, under the direction of Mr. Keith H. Larson, Head, Department of Special Education.

7. $45,000 - "To support Handicapped Teacher Education in Speech and Hearing," June 1, 1975, through May 31, 1976, under the direction of Mr. Robert H. English, Professor of Speech Communication.

U. S. Public Health Service Grant of $106,967 from the U. S. Public Health Service, Rockville, Maryland, "to provide support for American Indians and Alaskan Natives," July 1, 1975, through June 30, 1976, under the direction of Mr. John D. Spence, Assistant Professor of Social Work.

Mr. & Mrs. H. Wadsworth Gift of $100 from Mr. and Mrs. Homer Wadsworth, Woodburn, for the "Piven and Cloward Conference," May 15 through May 16, 1975, under the direction of Dr. Gordon Hearn, Dean, School of Social Work.

Gifts to the Library: Gifts to the Portland State University Library, from various donors, as follows:

Mrs. M. Adelsheim Twenty monographic volumes in the areas of minority and urban studies, from Mrs. Martha Ann Adelsheim, Portland. The gift is valued at $186.

Alpha Kappa Psi Gift of $110 from Alpha Kappa Psi, Epsilon Omega Chapter, Portland, "for the purchase of books in the field of business administration, in memory of Peter Meneifee."

Dr. J. Biemann Fifty-one monographic volumes in the fields of government, history, and literature, from Dr. Judah Biemann, Portland. The gift is valued at $197.

Mr. & Mrs. K. Dittmer Two hundred and ten books in the areas of literature and world history, from Mr. and Mrs. Karl Dittmer, Lake Oswego. The gift is valued at $1,056.

Mr. D. Ellis Two hundred and eight monographs in the humanities and social sciences, and nineteen music scores, from Mr. Dan Ellis, Portland. The gift is valued at $484.
### Meeting #425-103

**The Esperanto Society of Portland, Oregon**
Twenty-three monographic volumes, from The Esperanto Society of Portland, Oregon. The gift is valued at $100.05.

**Georgia Pacific Corporation**
One hundred volumes of the State Tax Reporter, issued by Commerce Clearing House, from the Georgia Pacific Corporation, Portland. The gift is valued at $300.

**Mr. F. Gullette**
Thirty-six volumes of contemporary American poetry, from Mr. Fred Gullette, Hillsboro. The gift is valued at $153.

**Dr. E. Hummel**
Four periodical and 103 monographic volumes in the field of American education, from Dr. Errett E. Hummel, Portland. The gift is valued at $192.

**Korean Society of Oregon**
Gift of $100 from the Korean Society of Oregon, Beaverton, "for the purchase of material in the area of Korean history and culture," under the direction of Mr. Frank D. Rodgers, Director of the Library.

**Mr. R. Larson**
Twenty-four volumes of the periodical Popular Photography, from Mr. Ray Larson, Milwaukie. The gift is valued at $192.

**Library Association of Portland**
Back set of periodicals in the humanities and social sciences, from the Library Association of Portland, Portland. The gift is valued at $2,363.

**His Excellency Ibrahim Ibn Muhammad Al as-Shaykh**
Set of the legal opinions of Shaykh al-Islam Ahmad Ibn Taymiya in 37 monographic volumes, from His Excellency Ibrahim Ibn Muhammad Al as-Shaykh, Saudi Arabia. The gift is valued at $648.

**Mr. J. Noble**
Eighteen volumes of the journal of the American Concrete Institute, from Mr. John L. Noble, Portland. The gift is valued at $270.

**Portland State University Foundation**
Gift of $155 from the Portland State University Foundation, Portland, "for the purchase of books for the School of Business Administration, in memory of Andrew Mann," under the direction of Mr. Frank Rodgers, Director of the Library.

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**Scholarships & Fellowships**
Gifts totaling $3,730 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Donor Name</th>
<th>Amount</th>
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<tr>
<td>Carpenter Foundation, through Phoenix High School, Phoenix</td>
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<td>Clatsop County Duck Hunters Association, Inc., Astoria</td>
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<td>Commercial Credit Companies Foundation, Inc., Eugene</td>
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<td>Confederated Tribes and Bands of the Yakima Indian Nation, Toppenish,</td>
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<td>Mr. Lawrence C. Crowley, Gresham</td>
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<td>Delta Kappa Gamma, Tau Chapter, Portland</td>
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<td>Future Teachers of America, St. Helens Chapter, St. Helens</td>
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<td>Georgia Pacific Foundation, Portland</td>
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<td>Johnson-Seeley Scholarship Fund, Tigard</td>
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<td>Kiwanis Club of Tillamook, Tillamook</td>
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<td>Lincoln County Foundation, through the Lincoln County Bank of Newport,</td>
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<td>Meier and Frank Company, Portland</td>
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Meeting #425-104

Oregon State University Foundation, Corvallis $332.00
PBD Sisterhood, Chapter G, Salem 300.00
Springfield Business and Professional Women's Club, Springfield 150.00
Ann Watson Memorial, through Medford Senior High School, Medford 100.00
Wheeler High School, Fossil 100.00

Grant of $3,032 from the Educational Coordinating Council, Salem, "to develop and use a multi-media, self-instructional package which describes Man: A Course of Study (MACOS)," April 1, 1975, through March 31, 1977, under the direction of Mr. Albert Redsum, Assistant Professor of Social Science.

Grant of $2,282 from the Mid-Willamette Valley Council of Government, Salem, for the "hiring of one research assistant in graphic media with funds provided through the Comprehensive Employment and Training Act of 1973 (CETA)," March 30 through June 26, 1975, under the direction of Dr. Ronald L. Chatham, Director of Planning.

Grant of $7,225 from the Salem Public Schools, District No. 24J, Salem, "to conduct a reading institute for 25 teachers," April 1 through October 31, 1975, under the direction of Dr. Harry C. Geil, Assistant Professor of Education.

Gift of a painting by Minoru Kawabata entitled, "Red-Yellow Oval," from Mr. Melvin Arnold, Applegate. The gift is valued at $6,000.

Gifts totaling $13,710 from the following donors for scholarships and fellowships:

- Branner Trust and Contributions, through the Eastern Oregon State College Foundation, La Grande $2,000.00
- Bureau of Indian Affairs, Juneau Area Office, Juneau, Alaska 2,145.00
- Bureau of Indian Affairs, Northern Idaho Agency, Lapwai, Idaho 200.00
- Bureau of Indian Affairs, Umatilla Indian Agency, Pendleton 3,698.00
- Bureau of Indian Affairs, Warm Springs Agency, Warm Springs 2,525.00
- Cockerline Memorial Trust Fund, through the U. S. National Bank of Oregon, Salem 167.00
- Delta Kappa Gamma Society, Zeta Chapter, La Grande 200.00
- Joint School District No. 2, Meredian, Idaho 120.00
- Clarence A. Kopp Scholarship, through the Eastern Oregon State College Foundation, La Grande 667.00
- PBD Sisterhood, Chapter BF, The Dalles 168.00
- Reynolds Insurance Company, through the Eastern Oregon State College Foundation, La Grande 585.00
- Sherman County Scholarship Association, through the First National Bank of Oregon, Moro 100.00
- U. S. Bancorp, Portland 585.00
- Watts Foundation, through the U. S. National Bank of Oregon, Portland 550.00
City of La Grande

Grant of $9,500 from the City of La Grande, La Grande, "to conduct research for the city of La Grande entitled, The Environmental Impact Study for the City of La Grande Airport Expansion," April 1 through June 30, 1975, under the direction of Dr. Ralph E. Lewis, Assistant Professor of Geography.

U. S. Department of Agriculture

Grants totaling $47,500 from the U. S. Department of Agriculture, Portland, for research and other purposes, as follows:

1. $9,950 - "Tussock Moth Frass and Litter Production in Relation to Douglas Fir and Grand Fir Foliage Nutrient Analysis," June 1 through December 31, 1975, under the direction of Dr. J. Douglas Campbell, Associate Professor of Chemistry.

2. $17,259 - "Impact of Douglas-fir Tussock Moth on Recreation and Vocation Activities in the Blue Mountains," May 8, 1975, through May 31, 1976, under the direction of Dr. Ralph E. Lewis, Assistant Professor of Geography.

3. $20,291 - "Distribution of Tussock Moth Outbreaks in Washington Relative to Forest Habitat Characteristics," May 16, 1975, through May 1, 1976, under the direction of Dr. S. Conrade Head, Professor of Biology.

U. S. Department of Health, Education & Welfare

Grants totaling $356,130 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for the following purposes:


2. $57,410 - "College Work-Study Program," July 1, 1975, through June 30, 1976, under the direction of Mr. Howard A. Anderson, Coordinator of Financial Aids and Records.

3. $152,288 - "National Direct Student Loan Program," July 1, 1975, through June 30, 1976, under the direction of Mr. Howard A. Anderson, Coordinator of Financial Aids and Records.

4. $64,750 - "To accommodate the operating expenses of a Headstart Program," July 1, 1975, through June 30, 1976, under the direction of Mrs. Marilyn Feasel, Assistant Professor.

5. $14,586 - "Early, periodic, screening diagnosis and treatment program for the Headstart Program," June 15, 1975, through June 15, 1976, under the direction of Mrs. Marilyn Feasel, Assistant Professor.

Oregon Institute of Technology

Gifts totaling $3,300 from the following donors for scholarships and fellowships:

California-Pacific Utilities, San Francisco, California $ 550.00
Carnation Company Scholarship, through the Seattle First National Bank, Seattle, Washington 434.00
Carpenter Foundation Scholarship, through School District No. 6, Central Point 200.00
Chet Hamaker Scholarship, Klamath Falls 100.00
Gift of a hydraulic hose coupling machine, from Central Hydraulics, Klamath Falls.
The gift is valued at $400.

Gift of one Vicker's pump and one 4-way valve, from Dupar Dynamics, Portland.
The gift is valued at $150.

Gift of one Caterpillar automatic transmission, from Halton Tractor, Portland.
The gift is valued at $100.

Gift of a 1964 Plymouth Valiant two-door hardtop, from Mr. Bradley C. McDonald, Klamath Falls. The gift is valued at $400.

Gift of $100 from Omega Pi, Klamath Falls, for a "student loan fund," under the direction of Mr. Henry Kutak, Director of Financial Aids.

Grants totaling $66,001 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for the following purposes:

1. $64,753 - "National Direct Student Loan Program," under the direction of Mr. Henry Kutak, Director of Financial Aids.
2. $1,248 - "Nursing Scholarship," under the direction of Mr. Henry Kutak, Director of Financial Aids.

Corporation for Grants totaling $83,987 from the Corporation for Public Broadcasting, Public Broadcasting Washington, D. C., for the following purposes:

1. $41,499 - "to increase radio broadcasting hours and for developmental projects," November 1, 1974, through June 30, 1976, under the direction of Dr. Donald Bryant, Director, Mr. Thomas Doggett, Director of Programming, and Mr. Bob Hinz, Director of Operations, Oregon Educational Public Broadcasting Service.
2. $36,488 - "About Charles Ives," October 9, 1974, through June 30, 1975, under the direction of Mr. Luke Roberts, Director, State of Oregon Division, Oregon Educational Public Broadcasting Service.

Teaching Research Division

Employment Options Grants totaling $4,328 from Employment Options Now (EON), Salem, for the following purposes:

1. $3,293 - "On-the-job training services for trainee working with the Exceptional Child Research Program," April 1 through October 31, 1975, under the direction of Dr. Victor Baldwin, Research Professor.
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2. $1,035 - "On-the-job training services for trainee working with the Higher Education Research Program," April 1 through June 30, 1975, under the direction of Dr. Gaylord Thorne, Associate Professor.

U. S. Department of Health, Education & Welfare

Grant of $97,000 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., "to examine competencies needed by those responsible for education of the moderately/severely handicapped/retarded child and provide preservice and preschool training," June 1, 1975, through May 31, 1976, under the direction of Dr. H. D. Fredericks, Research Professor.

Washington State Dept. of Social & Health Services

Grant of $3,913 from the Washington State Department of Social and Health Services, "to provide additional travel money to accomplish priority contract tasks," July 1, 1974, through June 30, 1975, under the direction of Dr. Victor Baldwin, Research Professor.
It was recommended that the following personnel adjustments and appointments as submitted by the Presidents concerned be approved, the necessary funds being provided in the 1974-75 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective April 1, 1975.

<table>
<thead>
<tr>
<th>Budgeted, Name, Rank and/or Title, Department</th>
<th>Mo. of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>1974-75</th>
<th>Source</th>
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<td>(Extra meritorious</td>
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<td>Peter M. Markgraf, Assistant Professor,</td>
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<td>(Increased duties and</td>
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<td>Fred Hagelstein, Professor, Extension Basic</td>
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<td>Director, Agriculture</td>
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<td>Programs; effective May</td>
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<td>Stephen W. Kohl, Assistant Professor,</td>
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<td>Walter C. Kraft, Professor, Modern Languages</td>
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<td>effective September 16,</td>
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<td>1974.)</td>
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<td><strong>University of Oregon</strong></td>
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<td>Eugene M. Dahlquist, Assistant Football</td>
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<td>responsibilities; effective</td>
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<td>Janice R. Stevens, Professor, Neurology</td>
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<td>(Present salary below that of equivalent jobs in this field; effective February 1, 1975.)</td>
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<td>Richard Beale, Research Assistant, Dental</td>
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Meeting #425-109

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<td>(To equate salary of position to salaries of other positions requiring similar duties.)</td>
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Board Discussion and Action

The Board approved the recommendations as presented, with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, and Stewart. The President, Mr. Mosser, did not cast a vote. Directors Carpenter and Perry were absent from the meeting at this time.

Appointment of J. E. Todd, PSU

Earlier in the meeting, the Chancellor said that President Blumel was recommending that Dr. James E. Todd, presently Deputy Director of the Office of the State Board of Education in Idaho, be appointed Vice President for Finance and Administration at Portland State University. He said Dr. Todd holds the Ph.D. degree from the University of Colorado and has had teaching and administrative experience. The Chancellor concurred in the recommendation that Dr. Todd be appointed to the position at a salary of $31,000, effective on or before September 1, 1975.

The Board approved the recommendation as presented with the following voting in favor: Directors Carpenter, Johnson, Joss, Layman, Maden, McIntyre, McLaurin, Perry, and Stewart. The President, Mr. Mosser, did not cast a vote.

Adjournment & Reconvener Date

At 3:25 P.M., President Mosser adjourned the meeting until August 26, 1975, on which date the Board will reconvene at 11:00 A.M. in Smith Memorial Center, Portland State University, Portland, Oregon.

Mr. Mosser also announced that the September Board meeting will be held in Portland rather than in Monmouth as previously scheduled.
SUPPLEMENT A
REPORT OF TRUSTEE

Comes now Allen McKenzie, Trustee for the State of Oregon, acting by and through the State Board of Higher Education, for and on behalf of the University of Oregon Medical School, pursuant to appointment by H. A. Bork on June 15, 1967, and files this final account and report as such trustee. That I have heretofore fully accounted for all cash received by me as trustee and have paid all such cash and moneys over to the State Board of Higher Education.

That one of the assets which I received as such trustee was a one-seventh interest in a second mortgage on real property near Prosser, Washington, as a guarantee that Henry Clay Barr and Betty J. Barr would remove certain exceptions from the title to the real property in Morrow County, Oregon, to which I became a one-seventh owner as trustee. That the said Henry Clay Barr and Betty J. Barr have now cleared all the exceptions to the title which they had the power to clear and I have therefore released such second mortgage on the property located in the State of Washington.

That there remains in my possession as trustee only a one-seventh interest in and to certain real property located in Morrow County, Oregon, a one-seventh of the Lessor's interest in and to the lease of said real property, a promissory note and second mortgage executed by Perry Morter and Kathleen Morter to Clay Barr and Betty Barr and assigned to me as trustee, certain unliquidated claims against Esther Perrault, the owner of the six-sevenths interest in said real property located in Morrow County, Oregon, together with possible contingent and unknown claims arising out of my ownership of property as such said trustee.
That concurrently with the making of this report to the Board, I have conveyed to the Board my one-seventh interest in said Morrow County real property, and have assigned my interest in the lease thereon, have assigned the above-mentioned promissory note and second mortgage, and have executed assignments of all claims which I might have as trustee. That I have now fully accounted to the Board for all property and assets which I received as trustee or in which I acquired any interest as trustee.

That I respectfully request that the Board of Higher Education release, discharge and acquit me as such said trustee.

Dated this 17th day of June, 1975.

Allen McKenzie, Trustee for the State of Oregon, acting by and through the State Board of Higher Education, for and on behalf of the University of Oregon Medical School

STATE OF OREGON
COUNTY OF LANE

June 17, 1975.

Personally appeared Allen McKenzie, who being duly sworn did say that he is the Trustee above-named and acknowledged the foregoing instrument to be his voluntary act and deed.

Before me:

[Signature]

Notary Public for Oregon
My Commission expires: 6/12/11