STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
MEMORIAL UNION, OREGON STATE UNIVERSITY, CORVALLIS, OREGON

April 27-28, 1964

MEETING #325
A regular meeting of the State Board of Higher Education was held in the Memorial Union, Oregon State University, Corvallis, Oregon, on April 27-28, 1964.

ROLL CALL
The meeting was called to order at 9:00 A.M. on Monday, April 27, 1964, by the President of the Board, Mr. Chas. R. Holloway, Jr., and on roll call the following answered present:

Mr. J. W. Forrester, Jr.  R. E. Purvine, M.D.
Mrs. Elizabeth H. Johnson  Mr. John W. Snider
Mr. George H. Layman  Mr. Ray T. Yasui
Mr. John Merrifield  Mr. Chas. R. Holloway, Jr.

Absent: Mr. Philip A. Joss.

OTHERS PRESENT:

Centralized Activities—Chancellor R. E. Lieuallen; Secretary R. L. Collins; Dr. M. C. Romney, Vice Chancellor for Academic Affairs; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. J. W. Sherburne, Vice Chancellor for Continuing Education; Mr. D. R. Larson, Assistant Chancellor and Director of Public Services; Comptroller J. L. Watson; Mr. J. I. Hunderup, Director of Facilities Planning; Mr. Wolf von Otterstedt, Assistant Attorney General; Mr. Allen McKenzie, Assistant to Vice Chancellor for Business Affairs; Mr. Guy Lutz, Research Associate, Office of Institutional Research; and Mrs. Clarethe Kahanamui, Director of Publications.

Oregon State University—President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Business Manager; Dr. Charles H. Blumenfeld, Assistant to the Business Manager; Dean F. E. Price, Director of the Agricultural Experiment Station and Dean of the School of Agriculture; Mr. Fred M. Shideler, Director of Information; Mr. Mie Metzger, Superintendent of Planning and Construction; and Mr. Samuel Bailey, Head of the News Bureau.

University of Oregon—President A. S. Fleming; Dr. W. C. Jones, Dean of Administration; Dr. Jarold A. Kieffer, Assistant to the President; Mr. W. N. McLaughlin, Business Manager; and Mr. George R. Wallmann, Architect.

University of Oregon Dental School—Dean H. J. Noyes; Mr. Eugene Bauer, Business Manager.

University of Oregon Medical School—Dean D. W. E. Baird; Mr. W. A. Zimmerman, Assistant Dean for Business Affairs.
Portland State College--President E. F. Millar; Mr. W. T. Lemman, Jr., Director of Business Affairs; and Mr. Brock Dixon, Dean of Administration.

Oregon College of Education--President L. W. Rice; Mr. E. A. Stebbins, Dean of Administration.

Southern Oregon College--President E. N. Stevenson; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs; and Mr. D. R. Lewis, Assistant to the President and Business Manager.

Eastern Oregon College--President F. B. Bennett; Mr. E. G. Meuli, Business Manager; and Mr. John Miller, Administrative Assistant.

Oregon Technical Institute--President W. D. Purviance; and Mr. W. M. Douglass, Dean of Administration.

Division of Continuing Education--Mr. William Barrows, Business Manager.

Others--Mr. Upendra Dutta, Under Secretary for Higher Education, Ministry of Education, Nepal; Mr. Denis Curry, Management Analyst, Department of Finance and Administration; Mr. William E. Bass, Principal Analysts, Legislative Fiscal Committee.

RE ABSENCES

Mr. Joss was absent due to illness.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on March 9-10, 1964, and approved them as printed in the docket.

At the request of President Holloway, Mr. John Merrifield acted as chairman of the Board during the consideration of items related to Buildings and Other Physical Facilities; Mr. John W. Snider acted as chairman of the Board during the consideration of items related to Finance and Business Affairs; and Mrs. Elizabeth H. Johnson acted as chairman of the Board during the consideration of items related to Academic Affairs, Personnel, and Public Affairs.

Preliminary Plans for Science Building, Second Addition, UO

When the Board reviewed and approved the preliminary plans for the proposed combination of the second and third additions to the Science Building for the University of Oregon on January 27, 1964, authorization was given to Architects Skidmore, Owings & Merrill to define the increment which would be identified as the second addition only. It was expected that the gross area thereof would be approximately 99,500 square feet and would include the science library and three floor level of the laboratory building within an estimated cost of approximately $3,000,000.
University officials and the architects have filed with the Board's Office the revised preliminary plans for the Second Addition to the Science Building which are in substantial agreement with the program previously reviewed and approved by the Board. Although some changes in floor plan arrangements were necessitated by the deferral of certain teaching and research areas which are to be included in the future third addition, careful consideration has been given to minimizing changes which will be required when the entire science complex is developed. The revised program retains the concept of consolidating individual science departments and concentrating the major undergraduate teaching laboratories for biology and general chemistry within the new second addition in order to achieve maximum space utilization. It appears that an appropriate balance has been achieved between additional research facilities and instructional laboratories, faculty offices and service spaces. The program also contemplates considerable remodeling within the existing science facilities, but because of the design of these buildings, it is expected that such alterations may be achieved economically.

The gross area of the Second Addition to the Science Building is approximately 99,558 square feet, of which 25,420 square feet are related to the library functions and 74,138 square feet are contained in the laboratory wing. This latter unit has three floors, including basement, designed for reinforced concrete construction with structural capacity adequate for vertical expansion of four additional floors. Elevator shafts are provided in the south end of the building for future installation of elevators. The structural frame is exposed on the exterior of the buildings to free the laboratory space within, to provide sun control, to provide access for window washing and to relate this project architecturally to the surrounding buildings. The perimeter is enclosed with glass and aluminum fenestration. The building wall system, utility systems, and laboratory furnishings are designed to provide internal flexibility. The project includes the installation of an elevator in the existing vacant elevator shaft in the east wing of the Science Building to serve the new laboratory building and the science library. The building will be heated, ventilated and cooled by central mechanical systems.

The revised preliminary plans indicate that the basement of the laboratory building will include instructional areas for general chemistry, physical chemistry and intermediate biology, an electron microscope research laboratory, faculty offices, a chemistry preparation room and related service spaces. On the ground floor level, the laboratory building will include four instructional laboratories for biology, an ecology laboratory, administrative and faculty offices for staff members in biology, and some research space. The remaining floor level of the first increment of the laboratory building will be devoted principally to the chemistry department, including several laboratories and faculty offices, a conference room and other research areas. This floor also includes seminar and conference rooms for theoretical science.

The preliminary plans for the science library unit reflect reinforced concrete construction below grade with access through a vestibule under the east wing of the Science Building. The roof will be sealed with a membrane and covered with paving. Fenestration around the central light court will be glass with aluminum frames. This unit will be heated, ventilated and cooled by the central mechanical system in the laboratory building.
Based upon the present price level, the estimated direct construction cost of the laboratory wing is $1,810,000. The direct construction cost estimate of the library unit is $446,350. Giving effect to the proration of mechanical space which will be located within the laboratory building but which will serve both the units, the estimated direct construction costs average $24.95 for the laboratory wing and $16.52 per square foot for the library. The total project estimate of $2,950,000 includes an estimate of $180,000 for alterations to the existing building. Among the planned alterations will be the conversion of present biology laboratories in the science annex (former Press Building) into three 40-seat and two 80-seat classrooms with new mechanical space and enlarged toilet facilities. Tentatively, it is expected that the project cost of $2,950,000 would be financed from state funds in the amount of $2,410,000 and from federal grants of approximately $540,000 if such funds become available.

With the concurrence of the Chancellor, President Flemming recommended that the revised preliminary plans for the Second Addition to the Science Building at the University of Oregon, as prepared by Architects Skidmore, Owings & Merrill, be approved and that the appropriate officials be authorized to make application to the National Science Foundation for the maximum grant funds to assist in the financing of this project.

It was also recommended that the appropriate Board officials be authorized to file an application with the Housing and Home Finance Agency for an interest-free advance in the amount of $85,000 to cover the estimated cost of preparing final plans and specifications for this project. The financing of construction may become available if the voters approve Ballot Measure No. 1 on May 15, 1964, and Congress appropriates funds to implement the Educational Facilities Act of 1963, thus enabling the Board to supplement state resources available for the capital construction projects of highest priority. To meet the requirements of the federal government, it was recommended that the following resolution be approved by a roll call vote, superseding a similar resolution approved by the Board June 11, 1963:

RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PREPARATION OF FINAL PLANS FOR THE SCIENCE BUILDING, SECOND ADDITION, UNIVERSITY OF OREGON, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of the University of Oregon, herein called the "Applicant," after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as the Science Building Second Addition, University of Oregon, is desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and
WHEREAS, under the terms of Public Law 560, 83rd Congress, as amended, the United States of America has authorized the making of advances to public bodies to aid in financing the cost of engineering and architectural surveys, designs, plans, working drawings, specifications, or other action preliminary to and in preparation for the construction of public works; and

WHEREAS, the Applicant has examined and duly considered such Act and the Applicant considers it to be in the public interest and to its benefit to file an application under said Act and to authorize other action in connection therewith;

NOW, THEREFORE, BE IT RESOLVED BY the Oregon State Board of Higher Education, the governing body of said Applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the Applicant, and to the end that such public works may be provided as promptly as practicable, it is desirable that action taken preliminary to the construction thereof be undertaken immediately;

2. That H. A. Bork, Vice Chancellor for Business Affairs, be hereby authorized to file in behalf of the Applicant an application (in form required by the United States and in conformity with said Act) for an advance to be made by the United States to the Applicant to aid in defraying the cost of preparation of final plans and specifications for the above described public works, which shall consist generally of a science library, instructional and research laboratories for science, classrooms, faculty offices, preparation rooms, storage and related service spaces within a gross area of approximately 99,558 square feet;

3. That if such advance be made, the Applicant shall provide or make arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of preparation of final plans of such public works;

4. That said H. A. Bork, Vice Chancellor for Business Affairs, is hereby authorized to furnish such information and take such action as may be necessary to enable the Applicant to qualify for the advance;

5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the Applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application;

6. That certified copies of this resolution be included as part of the application for an advance to be submitted to the United States.
Upon motion by Director Holloway and second by Director Purvine, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption:
Directors Forrester, Johnson, Layman, Merrifield, Purvine, Snider, Yasui, and Holloway.

Those voting no: None.

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

On March 9, 1964, the Board authorized an application to the Housing and Home Finance Agency for an interest-free advance to cover the cost of preparing final plans and specifications for the proposed First Addition to Cordley Hall at Oregon State University. It was indicated that Architects Bear, McNeil, Schneider, Bloodworth & Hayes were revising the preliminary plans which the Board had approved in December 1962 in order to recognize the increased area expected to be made available from grants from the National Science Foundation and the U. S. Public Health Service.

Institutional officials and the architects have filed with the Board's Office copies of the revised preliminary plans for the First Addition to Cordley Hall reflecting a gross area of approximately 123,411 square feet compared with the gross area of 97,491 square feet previously contemplated. The new space has been introduced at the fourth floor level to accommodate health-related research space for botany, plant pathology and entomology. The previous fourth floor spaces assigned to zoology, as well as the roof monitor areas, are now planned one story higher. Only minor revisions have been carried out on other floors of the proposed structure, principally as the result of requests by the State Fire Marshal for an additional smoke tower, and the enclosure of the breezeway on the east side of the building to allow the use of the large lecture room at times when the rest of the building may be closed. As revised, the structure would include office facilities for 161 staff members, including 116 graduate assistants and research fellows. Within the 17 instructional laboratories, four lecture rooms and seminar room, a total of 926 student stations would be provided.

Some changes have been made in the exterior design of the unit to accomplish a satisfactory relationship of the five-story building addition to the adjacent existing four-story building. Structural features remain as contemplated previously using reinforced concrete construction with exterior brick veneer and window wall paneling.

With the concurrence of the Chancellor, President Jensen recommended the approval of the revised preliminary plans for the First Addition to Cordley Hall for which the direct construction cost estimates, based upon the present price level, are $2,679,360, including fixed equipment, and the total project costs are expected to be approximately $3,137,865. The proposed sources of financing include a federal grant of $425,000 already approved, approximately $158,662 of grants for which proposals are pending, and $2,554,203 from state funds, most of which will be subject to future legislative authorization.

The Board approved the recommendation as presented.
On October 23, 1962, the Board authorized the acceptance of a donation from the Medical Research Foundation of Oregon, Inc., for the use of an animal farm consisting of 174.19 acres with improvements thereon, located in Washington County, 23 miles west of the city center of Portland, about three to four miles south of Hillsboro and Cornelius, Oregon. The use of the farm was given for a period of five years, beginning October 1, 1962, and involves no rental or other payment.

Dean Baird reports that the Foundation has offered to donate its entire interest in the real estate. Acquisition of title to the property is advantageous to the Board and allows the long-term development of the facilities of the farm for the research and instruction program of the Medical School. It also permits the acceptance of facilities grants from the federal government to improve the property further.

The farm was purchased by the Foundation in December 1961 for $65,000 of which amount $35,750 was for land and the balance for improvements. Subsequent to this purchase, the Foundation has made further improvements costing $67,173. The estimated present value of the property approximates $130,000.

The farm is encumbered by a mortgage and promissory note with a present unpaid balance of $30,000. The remaining balance on the note is to be paid in four equal annual installments of $7,500 each, with interest at the rate of 5 percent per annum from December 15, 1963. The noteholder desires that the note be paid off in the manner provided for in the document executed December 1961 by the Medical Research Foundation.

Dean Baird, with the concurrence of the Chancellor, recommended that authorization be given the appropriate Board officers to accept a gift from the Medical Research Foundation of Oregon, Inc., an Oregon nonprofit corporation, of a deed to the property, subject to the mortgage. Funds totaling $33,750 to liquidate the encumbrance and interest are to be reserved out of balances which have been accumulated from indirect cost allowances for provision of facilities from research grants and contracts.

The Board approved the recommendations as presented.

President Jensen has reported to the Chancellor’s Office that negotiations have been undertaken with the Game Commission for an agreement between the State Board of Higher Education and the Oregon State Game Commission relating to a 99-year lease of three acres of the Averill tract to the Game Commission, adjacent to the Fish Hepatoma Laboratory of Oregon State University. The Averill tract is generally located one mile east of Corvallis in Linn County on the north side of Highway 34. The Commission intends to construct a research laboratory with a capital investment of approximately $60,000 on said property. The salient features of the lease are as follows:

The Board will lease to the Commission a three-acre parcel of land which is part of the Averill tract for a period of 99 years, renewable by mutual agreement; the Commission will have the right to utilize 200 gallons of water per minute from a water supply on Oregon State University property as authorized by the State Engineer.
The Board will construct and maintain an effluent system for the disposal of water used, both on the proposed Commission's research laboratory facilities and the Hepatoma Laboratory facilities of Oregon State University; the Board will provide a domestic sewage system to serve the Commission's research laboratory facilities and the Board will also provide appropriate access to the Commission's research facilities from State Highway 34, which access road will be used jointly by the University and the Game Commission in connection with their two adjacent facilities.

In the event that the Board terminates or discontinues its operation and maintenance of the Fish Hepatoma Laboratory, the Commission will agree that it will assume all responsibility for the costs of maintenance of the effluent system, domestic sewage and the access road to Highway No. 34, and the Commission will have the right to continue to utilize the water supply, known as Well No. 2.

In the event the Board should determine that at some time in the future it will be necessary to cancel the lease and take full possession of the three-acre tract on which the Game Commission's research facility will be located, the Board will give two-year's written notice to the Game Commission and agree to compensate the Game Commission for the residual value of its facilities, taking into account depreciation. The Game Commission will pay to the Board the sum of $9,000, $4,500 of which is allocated for the lease of the property, $3,500 of which is allocated as one-third of the cost of installing the effluent system and $1,000 of which is allocated for the Commission's share of the domestic sewage system and access road. The Commission will pay the $9,000 with a down payment of $4,000 during the 1963-1965 biennium and the balance within five years from the date of the agreement. The Commission will undertake to prepare the necessary plans for the effluent pipeline and supervise the construction thereof, but the contract for the pipeline will be let by the Board in accordance with usual Board procedure. This effluent pipeline will run through the land to be acquired from Thurza Russell, mentioned in the following item.

President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officers be authorized to enter into a lease with the Game Commission containing substantially the above-mentioned conditions and any addendum to such lease in order to effectuate the intent of the parties as expressed above.

The Board authorized the recommendation as presented.

President Jensen reports that an option has been obtained from Thurza M. Russell, valid until June 13, 1964, to purchase a one-seventh acre tract of land for the price of $600, this land consisting substantially of a 20-foot wide strip extending from Highway No. 34 to the old channel of the Willamette River. The land is needed for the purpose of installing effluent facilities to serve the Fish Hepatoma Laboratory of Oregon State University. The effluent facility will also be required in connection with a proposed lease with the Game Commission, reported in the item above. Funds for the purchase site are to be provided from restricted funds available to the Agricultural Experiment Station.
President Jensen recommended, with the concurrence of the Chancellor, that the appropriate Board officers be authorized to have a survey made of the property and purchase it in accordance with the terms of the option.

The Board approved the recommendation as presented.

The McCann property located at 1006-1018 S.W. Hall and 1915 S.W. 10th Portland, Oregon, is needed as part of the site for the Physical Education Building of Portland State College. The property consists of Lots 1 and 2, Block 238, containing a land area of 10,000 square feet on which is located a three-story and full basement sixteen-unit apartment building and two smaller buildings originally built as single family residences, one of which has been converted to offices. Negotiations for the purchase of the property have been in progress over an extended period of time, but it has not been possible to reach a satisfactory agreement with the owner.

President Millar, with the concurrence of the Chancellor, recommended that the Board authorize condemnation action for the property unless satisfactory purchase arrangements can be made. In the event a satisfactory price can be reached and the purchase cleared through the Executive Committee, appropriate report is to be made to the Board. Funds for the acquisition of this property are to be provided from the 1963 State Capital Outlay Appropriation for the Physical Education Building. Moneys for the acquisition of the sites have been released by the State Emergency Board.

It was also recommended that the following condemnation resolution be passed:

RESOLUTION

WHEREAS, under and by virtue of the laws of the State of Oregon, the State Board of Higher Education is authorized to purchase such real property as in its discretion may be necessary for the present and future development of any schools or institutions under its jurisdiction;

WHEREAS, under and by virtue of the laws of this state whenever any property is required for use by the state and the owner and the board directing the state department or institution for which the property is required cannot agree upon which price is to be paid, said board is authorized to have instituted in the name of the State of Oregon any necessary or appropriate suit, action or condemnation of said property required for such purposes and the assessment of damages for the taking thereof;

WHEREAS, the State of Oregon, by and through the State Board of Higher Education, finds it necessary that the State of Oregon acquire title to the hereinafter described real property situated in the City of Portland, Multnomah County, Oregon, for the public purpose, to wit, the establishing and maintaining thereon of public buildings, grounds and facilities for the expansion and development of Portland State College; and
WHEREAS, the State Board of Higher Education has made every reasonable effort to negotiate with the owner thereof for the acquisition of title to such property, but to this date has been unable to agree with such owner upon the reasonable market value or price to be paid for such property or upon the compensation or damages to be paid to the owner thereof for the taking of such property for such public use;

NOW, THEREFORE, BE IT RESOLVED BY THE State Board of Higher Education in regular meeting assembled:

1. That the State Board of Higher Education does hereby find and declare that the following described parcel of land is required for public use, is suitable, proper and necessary for the public purpose of establishing and maintaining thereon public buildings and grounds and facilities for the expansion and development of Portland State College;

   Lots 1 and 2, Block 238, CITY OF PORTLAND, in the City of Portland, County of Multnomah and State of Oregon.

2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, free and clear of all interests of every kind and nature, is necessary to carry out the proposed building and grounds program of Portland State College for its expansion and development to meet the public need.

3. That the Vice Chancellor for Business Affairs is directed to attempt to agree with the owners and persons in interest of said real property as to the compensation to be paid for the taking; and in the event that no satisfactory agreement can be reached, then the Attorney General of the State of Oregon be and he is hereby requested and authorized to commence and prosecute to a final determination such suits, actions and proceedings as may be necessary and appropriate to acquire the title to the real property hereinabove described.

Upon motion by Director Layman and second by Director Purvine, the Board approved the recommendation presented and the above resolution was adopted with the following voting in favor of adoption:
Directors Forrester, Johnson, Layman, Merrifield, Purvine, Snider, Yasui, and Holloway.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote.
The Mulkey property, formerly identified as 1916-20 S.W. 11th Street, Portland, Oregon, is needed as part of the site for the Physical Education Building at Portland State College. The property consists of a portion of Lot 7, Block 238, remaining after deeding a triangular piece to the State Highway Commission for the Foothills Freeway. The remaining property contains an area of about 1,204 square feet and appears to have no access to S.W. 11th Street. There are no buildings on the property.

Negotiations for the purchase of the property have been in progress for some time, but it has not been possible to reach a satisfactory agreement with the owner as to the value of the property.

President Millar, with the concurrence of the Chancellor, recommended that the Board authorize condemnation action for the property unless satisfactory purchase arrangements can be made. In the event a satisfactory price can be reached and the purchase cleared through the Executive Committee, appropriate report is to be made to the Board. Funds for the acquisition of this property are to be provided from the 1963 State Capital Outlay Appropriation for the Physical Education Building. Moneys for the acquisition of the sites have been released by the State Emergency Board.

It was also recommended that the following condemnation resolution be passed:

RESOLUTION

WHEREAS, under and by virtue of the laws of the State of Oregon, the State Board of Higher Education is authorized to purchase such real property as in its discretion may be necessary for the present and future development of any schools or institutions under its jurisdiction;

WHEREAS, under and by virtue of the laws of this state whenever any property is required for use by the state and the owner and the board directing the state department or institution for which the property is required cannot agree upon which price is to be paid, said board is authorized to have instituted in the name of the State of Oregon any necessary or appropriate suit, action or condemnation of said property required for such purposes and the assessment of damages for the taking thereof;

WHEREAS, the State of Oregon, by and through the State Board of Higher Education, finds it necessary that the State of Oregon acquire title to the hereinafter described real property situated in the City of Portland, Multnomah County, Oregon, for the public purpose, to wit, the establishing and maintaining thereon of public buildings, grounds and facilities for the expansion and development of Portland State College; and

WHEREAS, the State Board of Higher Education has made every reasonable effort to negotiate with the owner thereof for the acquisition of title to such property, but to this date has been unable to agree with such owner upon the reasonable market value or price to be paid for such property or upon the compensation or damages to be paid to the owner thereof for the taking of such property for such public use;
NOW, THEREFORE, BE IT RESOLVED BY THE State Board of Higher Education in regular meeting assembled:

1. That the State Board of Higher Education does hereby find and declare that the following described parcel of land is required for public use, is suitable, proper and necessary for the public purpose of establishing and maintaining therein public buildings and grounds and facilities for the expansion and development of Portland State College;

A portion of Lot 7, Block 238, CITY OF PORTLAND, in the City of Portland, County of Multnomah and State of Oregon, described as follows:

Beginning at a point in the Westerly line of said Lot 7, 17 feet Southerly of the Northwest corner of said Lot 7, said point is also the Northwest corner of a tract of land conveyed by deed from William Oscar Mulkey, also known as William O. Mulkey, a single man, to the State of Oregon, by and through its State Highway Commission, recorded October 2, 1962 in Book 2137 page 438, Deed Records; thence Southeasterly parallel with the South line of said Lot 7, 50 feet to a point; thence Southwesterly parallel with the Westerly line of said Lot 7, 33 feet to a point in the South line of said Lot 7, said point being 50 feet Easterly from the Southwest corner of said Lot 7; thence Northwesterly tracing the Southerly line of said Lot 7, 22.06 feet to the Southeasterly corner of the said State of Oregon tract; thence Northwesterly in a straight line 42.66 feet to the point of beginning.

2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, free and clear of all interests of every kind and nature, is necessary to carry out the proposed building and grounds program of Portland State College for its expansion and development to meet the public need.

3. That the Vice Chancellor for Business Affairs is directed to attempt to agree with the owners and persons in interest of said real property as to the compensation to be paid for the taking; and in the event that no satisfactory agreement can be reached, then the Attorney General of the State of Oregon be and he is hereby requested and authorized to commence and prosecute to a final determination such suits, actions and proceedings as may be necessary and appropriate to acquire the title to the real property hereinabove described.

Upon motion by Director Holloway and second by Director Snider, the Board approved the recommendation presented and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Layman, Merrifield, Purvine, Snider, Yasui, and Holloway.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote.
University of Oregon officials have reported the need for a permanent location of the psychology clinic, the child study center, and other research activities of the Psychology Department which have been accommodated in various temporary facilities on the campus in Eugene. An application has been filed with the federal government (National Science Foundation and National Institutes of Health) in the amount of $170,000 to match funds of approximately the same amount available from the State Restoration Fund occasioned by the destruction of the former Tau Kappa Epsilon house and R.O.T.C. building which burned a few months ago.

In order to obtain funds for architectural planning of a psychology clinic and human research building, President Fleming, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to file an application with the Housing and Home Finance Agency of the federal government to cover the preliminary planning costs of approximately $3,000. It was also recommended that the following resolution required by the federal government be approved by roll call vote:

RESOLUTION AUTHORIZING FILING OF AN APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE FOR THE PREPARATION OF PRELIMINARY PLANS FOR A PSYCHOLOGY CENTER AND HUMAN RESEARCH BUILDING, UNIVERSITY OF OREGON UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of the University of Oregon, herein called the "Applicant," after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as a Psychology Center and Human Research Building, University of Oregon, is desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and

WHEREAS, under the terms of Public Law 560, 83rd Congress, as amended the United States of America has authorized the making of advances to public bodies to aid in financing the cost of engineering and architectural surveys, designs, plans, working drawings, specifications, or other action preliminary to and in preparation for the construction of public works; and

WHEREAS, the Applicant has examined and duly considered such Act and the Applicant considers it to be in the public interest and to its benefit to file an application under said Act and to authorize other action in connection therewith;
NOW, THEREFORE, BE IT RESOLVED BY the Oregon State Board of Higher Education, the governing body of said Applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the Applicant, and to the end that such public works may be provided as promptly as practicable it is desirable that action taken preliminary to the construction thereof be undertaken immediately;

2. That H. A. Bork, Vice Chancellor for Business Affairs, be hereby authorized to file in behalf of the Applicant an application (in form required by the United States and in conformity with said Act) for an advance to be made by the United States to the Applicant to aid in defraying the cost of plan preparation for the above described public works, which shall consist generally of clinical and research space for the Department of Psychology, including staff offices, service and mechanical spaces;

3. That if such advance be made, the Applicant shall provide or make arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of plan preparation of such public works;

4. That said H. A. Bork, Vice Chancellor for Business Affairs, is hereby authorized to furnish such information and take such action as may be necessary to enable the Applicant to qualify for the advance;

5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the Applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application;

6. That certified copies of this resolution be included as part of the application for an advance to be submitted to the United States.

Upon motion by Director Merrifield and second by Director Forrester, the Board approved the recommendations presented and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Merrifield, Purvine, Snider, Yasui, and Holloway.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote. Mr. Layman was absent from the room at the time of the roll call vote.
Acceptance of Final Plans for Library Building Addition & Alterations, UOMS

As reported to the Board on December 9, 1963, the Housing and Home Finance Agency offered an advance of $13,000 to cover the cost of preparing final plans and specifications for the proposed Library Building Addition and Alterations at the University of Oregon Medical School. Institutional officials and Architects Dukehart & Kinne have filed with the Board's Office the completed working drawings and specifications which are in substantial agreement with the preliminary plans approved by the Board in June 1962. The gross area of the building will be increased from the existing 29,005 square feet to approximately 39,463 square feet, enlarging the present stack capacity from 90,000 to at least 157,700 volumes. Reader space will be increased from approximately 150 to 235 persons. Two additional stack tiers are planned over the present central stacks, an elevator serving all four floors will be installed, and the book lift will be extended to service the new area. A one-story addition is to be constructed over the present staff area to the south of the central stack and this room is to contain typing, photo duplicating areas and toilet facilities. The alterations include the removal of partitions in the study and seminar room areas in the east side of the ground floor so that this space may be converted to stack areas and the upper portion of the quiet reading room and two study rooms on the first floor are to be floored over in order to provide additional reader space.

The architects have confirmed their earlier estimate that the direct construction costs of the project will be approximately $254,000 and the total cost will be $290,000. The regular session of the 1963 Legislature authorized the financing of this project from general obligation bonds during 1963-1965, subject to voter approval of Ballot Measure No. 1 on May 15, 1964. However, action by the special session later in 1963 in reducing the amount of 1961 and 1963 General Fund appropriations for capital outlay has caused the deferral of the construction of this project and it is probable that further legislative authorization will be required in 1965.

With the concurrence of the Chancellor, Dean Baird recommended that the final plans and specifications for the proposed Addition and Alterations to the Library at the University of Oregon Medical School be accepted and that the following resolution required by the Housing and Home Finance Agency be approved by roll call vote:

RESOLUTION APPROVING THE COMPLETED FINAL PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE LIBRARY BUILDING ADDITION AND ALTERATIONS, UNIVERSITY OF OREGON MEDICAL SCHOOL, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES AS AMENDED

WHEREAS, the Oregon State Board of Higher Education in behalf of the University of Oregon Medical School accepted an offer from the United States Government for an advance for final plan preparation of a public work described as the Library Building Addition and Alterations, University of Oregon Medical School, Portland, Oregon; and
WHEREAS, Dukehart & Kinne, Architects, were engaged to prepare a
final planning report for the aforesaid public work, and said
architects have completed the report and submitted it for approval;
and

WHEREAS, the completed final planning report has been carefully
studied and is considered to comprise adequate final planning
of the public work essential to the community and within the financial
ability of the Oregon State Board of Higher Education on behalf of
the University of Oregon Medical School to construct;

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher
Education, the governing body of said applicant, that the planning
report submitted by Dukehart & Kinne as the basis for detailed
planning and construction of the Library Building Addition and
Alterations, University of Oregon Medical School, in connection
with the Housing and Home Finance Agency Project No. P-ORE-3170 be
and the same is hereby approved; and that certified copies of this
resolution be filed with the Housing and Home Finance Agency as a
part of the final planning report.

Upon motion by Director Holloway and second by Director Snider, the
Board approved the recommendations presented and the above resolution
was adopted with the following voting in favor of adoption: Directors
Forrester, Johnson, Merrifield, Purvine, Snider, Yasui, and Holloway.

Those voting no: None.

The President of the Board thereupon declared said resolution duly
adopted by a unanimous vote. Mr. Layman was absent from the room at
the time of the roll call vote.

Site Planning
for Dormitory
No. 9, OSU

On April 23, 1963, the Board authorized the appointment of Archi-
tects Bear, McNeil, Schneider, Bloodworth & Hawes for the planning
of dormitory buildings and a cafeteria at Oregon State University
expected to be constructed in the area south of Philomath Road
betweeen Fifteenth and Twentieth Streets, Corvallis. Subsequently, the
master planning work of Architect Louis DeMonte has suggested that
additional single student housing be provided in the area north of
Philomath Road, south of Washington Way, between Fifteenth and
Nineteenth Streets.

A study of enrollment estimates at Oregon State University by the
fall term 1966, coupled with the need to discontinue the use of Waldo
Hall for dormitory purposes at the earliest possible time, suggests
the need to construct a residence hall adequate to house 350 to 400
students within the area south of Coleman Field. Such a location
would permit the deferral of constructing additional kitchen and
dining facilities since the student residents could obtain meal ser-
vice in the cafeteria adjacent to Waldo and Snell Halls.
Architects Bear, McNeil, Schneider, Bloodworth & Hawes are being asked to prepare a basic scheme for the development of dormitory facilities within the area north of Philomath Road between Fifteenth and Nineteenth Streets and to plan the construction of the first unit thereof, to be identified as Dormitory No. 9, within the block bounded by Eighteenth, Nineteenth, May and A Streets. It is expected that the site development plan will be presented to the Board at a subsequent meeting for review and approval before authorization is given for the preparation of detailed preliminary plans for Dormitory No. 9. Tentatively, it is expected that the planning of Dormitory No. 9 will permit construction and completion prior to the fall term 1966 if financing becomes available as a result of favorable action by the 1965 Legislature in increasing the Board's authority to issue general obligation bonds for self-liquidating projects. The estimated cost of the dormitory is expected to be approximately $1,600,000, exclusive of land costs of about $160,000. Funds for the preliminary planning are available from moneys available for dormitory capital outlays.

The Board accepted the report.

Report of Married Student Housing and Temporary Housing for Single Students during the Fall Term 1963 at Oregon State University, the University of Oregon, Oregon College of Education, Southern Oregon College, Eastern Oregon College and Oregon Technical Institute is attached as Supplement A. Some of the main features of the report are summarized as follows:

1. For the six institutions included in the report, approximately 23 percent of the male students are married, ranging from 21 percent at Oregon State University and Southern Oregon College to 26 percent at Oregon Technical Institute and 30 percent at Oregon College of Education.

2. The percentage of married male students is highest among graduate students, including graduate assistants and fellows, and decreases with each lower class down to the freshman group. The percentage of undergraduate students who are married is higher at the smaller institutions than at either the University of Oregon or Oregon State University.

3. The percentage of married male students living in family housing facilities managed by the six institutions averages 25 percent, ranging from 9 percent at Southern Oregon College to 42 percent at the University of Oregon and 46 percent at Oregon Technical Institute.

4. Of the total of 1,200 family living units available on the six campuses, 338 (or 28 percent) are of recent construction. The remaining units consist primarily of temporary war surplus buildings obtained from the federal government and miscellaneous residences which have been acquired from time to time within the campus boundaries of the institutions. At Oregon College of
Education, Southern Oregon College, and Oregon Technical Institute some of the married student housing units are being used temporarily as annexes to dormitories for single students. Several of the institutions are planning to replace temporary housing with permanent housing as rapidly as it is possible to finance the necessary construction. At Oregon Technical Institute, however, no provision has been made for married student apartments on the new campus which is scheduled for completion prior to the fall term 1964.

5. Temporary housing facilities for single students are sufficient in number to accommodate 600 individuals, mostly at Oregon Technical Institute. Through the construction of new dormitory units on the several campuses, it is expected that no temporary single student housing units will be in use by the fall term 1966.

6. For most projects, care has been taken to comply with all fire precautions and to have regular inspections of all housing facilities.

The Chancellor recommended that the report be accepted and that the institutional executives be authorized to proceed with planning and recommendations to the Board for the replacement of temporary housing for both single and married students as rapidly as it is found to be financially feasible.

The Board accepted the report and approved the recommendation as presented.

On February 14, 1964, the Vice Chancellor for Business Affairs inspected the work of the construction contractors for the Oceanography Building at Oregon State University. Subject to the completion of a few minor items, the general work was accepted as of that date, but the acceptance of the work of the other prime contractors was deferred until March 17, 1964.

A revised semi-final budget for the project is indicated below in comparison with the original budget approved by the Board on January 22, 1963, but minor adjustments may be made following completion of site work, etc.:

<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 2-14-64</th>
<th>Original Budget 1-22-63</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - Robert C. Wilson, Corvallis</td>
<td>$333,324</td>
<td>$314,791</td>
<td>$18,533(1)</td>
</tr>
<tr>
<td>Mechanical Work - Urban Plumbing and Heating, Portland</td>
<td>153,489</td>
<td>146,834</td>
<td>6,655(2)</td>
</tr>
<tr>
<td>Electrical Work - Steeck Electric Company, Medford</td>
<td>50,996</td>
<td>50,900</td>
<td>96(3)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$537,809</td>
<td>$512,525</td>
<td>$25,284</td>
</tr>
<tr>
<td>Fixed Equipment Work - Educators Furniture &amp; Supply Co., Inc., Portland</td>
<td>63,906</td>
<td>58,750</td>
<td>5,156(4)</td>
</tr>
<tr>
<td>Total Direct Construction Costs</td>
<td>$601,715</td>
<td>$571,275</td>
<td>$30,440</td>
</tr>
</tbody>
</table>
Revised Budget | Original Budget | Increase or Decrease
--- | --- | ---
Architects' and Engineering Fees | $34,899 | $31,489 | $3,410
Supervision | 3,770 | 7,250 | (3,480)
Site Costs, including steam lines & other miscellaneous items | 35,831 | 39,348 | (3,517)
Contingencies | 0 | 17,138 | (17,138)
Total | $676,215 | $666,500 | $9,715

Sources of Funds:

Grant from National Science Foundation | $500,000 | $500,000 | $ -
Restricted fund balances available to the institution (principally building use allowances related to research and instructional contracts and grants) | 176,215 | 166,500 | 9,715
Total | $676,215 | $666,500 | $9,715

(1) Includes addition of sun screen, utility access doors, galvanized metal curbs around duct chases, and other modifications incorporated within 7 change orders.

(2) Includes installation and relocation of sinks and piping, distillation equipment, and other modifications incorporated within 4 change orders.

(3) Includes revision in electrical outlets and circuits incorporated within 2 change orders.

(4) Includes provision of fume hoods, substitution of stainless steel for color lith counter tops, relocation and minor modifications of cabinets incorporated within 2 change orders.

(5) The increase in total project costs of $9,715 was approved by the Board at its meeting of September 10, 1963, through the transfer of additional funds from building use allowances related to research and instructional contracts and grants.

The gross area of the Oceanography Building, designed by Architects Jeppsen & Miller of Corvallis, is 29,456 square feet. It is a four-story structure of reinforced concrete construction with exterior brick facing, aluminum sash, and an aluminum sun screen on the south facade. The direct construction costs of $601,715 average $20.43 per square foot, including built-in laboratory equipment.

The Board accepted the report as presented.
On September 10, 1963, the Board was advised that a contract award had been made to E. Carl Schiewe, Portland, for the alterations to the eleventh floor of the teaching hospital relating to the cardiovascular research project. A budget of $59,498 was approved, including direct construction costs of $50,422. University of Oregon Medical School officials inspected the work on December 30, 1963, and upon their recommendation, formal acceptance was acknowledged as of January 22, 1964, subject to the completion of a few minor items. The final direct construction costs were $51,643, recognizing three change orders which included the extension of the wainscoting in the corridors, leveling of existing floors, installation of an access door and other miscellaneous items. Funds for the project were provided from a combination of indirect cost allowances relating to instructional and research contracts and grants and from the operating budget of the teaching hospital.

The Board accepted the report as presented.

When the Board reviewed and approved the preliminary plans for Units F and G of Cascade Hall, the dormitory complex at Southern Oregon College, on December 9, 1963, it was indicated that the final planning would be accomplished in such a way as to permit bidding for the construction of only one unit or both units as conditions may require.

Based upon projections of enrollment recently compiled, Southern Oregon College is expected to need a total of more than 1,000 dormitory space for single students for the fall term 1965, or approximately 250 space more than those which will be available without new construction. With the concurrence of the Chancellor, President Stevenson recommended that the scope of the planned additions to Cascade Hall include the 210-student capacity of Units F and G and that the appropriate Board officials be authorized to solicit bids and award construction contracts subject to the approval of the State Emergency Board in authorizing expenditures for this project in excess of the limitation of $440,000 imposed by Chapter 615, Oregon Laws 1963. Architect Robert Keeney is completing the final plans and specifications for this project and it is expected that bids could be opened at Ashland in June. The total estimated cost of Units F and G of Cascade Hall is $840,000, or approximately $4,000 per student. The project would be financed principally from Series 1963 B bonds sold August 1, 1963, supplemented by approximately $15,000 of restricted fund balances available to the institution for dormitory capital outlay purposes.

The Board approved the recommendation as presented.

Pursuant to authorization granted by the Board at the January 27, 1964 meeting, Architects Bear, McNeil, Schneider, Bloodworth & Hawes were commissioned to rearrange the plans and specifications prepared by the staff of Oregon State University for Greenhouse Additions to be used jointly by the federal government and the Agricultural Experiment Station. Four bids were received for the project on March 20, 1964, ranging from $90,856 to $99,860. Inasmuch as the low bid was within
the funds available, a contract award was made to the low bidder, John's Greenhouse Supplies, Portland, on the recommendation of President Jensen, with the concurrence of the Chancellor, 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 - John's Greenhouse Supplies</td>
<td>$90,856</td>
</tr>
<tr>
<td>Portland</td>
<td></td>
</tr>
<tr>
<td>Architects' and Engineering Fees</td>
<td>900</td>
</tr>
<tr>
<td>Utility Service Connections</td>
<td>3,000</td>
</tr>
<tr>
<td>Construction Supervision and Miscellaneous Costs</td>
<td>986</td>
</tr>
<tr>
<td>Contingencies (approximately 5% of direct</td>
<td>4,258</td>
</tr>
<tr>
<td>construction costs)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$100,000</td>
</tr>
</tbody>
</table>

The sources of funds include $47,000 committed by the U. S. Forest Service for its portion of the construction work, $8,000 from the National Science Foundation, and $45,000 from the 1963 appropriation of $175,000 for Agricultural Research Service Buildings.

The Board confirmed the contract award.

President Jensen, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Taylor property located within the campus boundaries at 1920 and 1964 "A" Street, Corvallis, Oregon. The property consists of four lots and segments of four others containing approximately 19,000 square feet of land area on which are located two houses. An option has been obtained in line with appraisals for $25,500. The property is in the area intended for future parking lots and funds are to be provided from restricted moneys available in the parking fees account. During the time that there is rental income from the existing improvements to the property, such income will accrue to the benefit of the parking fees account.

The Board approved the recommendation as presented.

President Stevenson, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Powers property, located within the campus boundaries at 1466 Webster Street, Ashland, Oregon. The property consists of a lot approximately 70 feet by 145 feet containing land area of about 10,150 square feet on which is located a modern five-room house. An option has been obtained in line with the appraisals for $11,700. The property is in the area intended for future dormitory construction, and funds are to be provided from restricted moneys available for the purchase of dormitory sites.

The Board approved the recommendation as presented.

President Flemming, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Rollwagen property located within the campus boundaries at 1649 Moss Street, Eugene, Oregon. The property consists of a lot 50 feet by 160 feet, or 8,000 square feet, on which is located a two-story frame residence. An option has been obtained for $8,833, which is in line with our appraisals. The property is in the area intended for future dormitory construction and funds are to be provided from the sale of 1963 B Building Bonds.

The Board approved the recommendation as presented.
Meeting #325

April 27-28, 1964

Report of Purchase of Zusman Property, PSC

At the March 1964 Board meeting, the Board authorized condemnation of the Zusman property at 616 S.W. Harrison Street, Portland, involving a portion of Lot 1, Block 191, to be used as part of the site for a parking structure for Portland State College. Continued negotiations in consultation with the Executive Committee of the Board, have resulted in securing and accepting an option to purchase the property for $16,800 financed from proceeds of bond sales which were sold to finance the cost of the parking structure project.

The Board confirmed the action of the Executive Committee.

Report of Purchase of Hummelfarb Property, PSC

At the March 1964 Board meeting, the Board authorized condemnation of the Hummelfarb property at 1851-55 S.W. 6th Avenue, Portland, as part of the site for the parking structure for Portland State College, involving a portion of Lot 1, in Block 191. Continued negotiations, in consultation with the Executive Committee of the Board, have resulted in securing and accepting an option to purchase the property for $16,500, financed from proceeds of bond sales which were sold to finance the cost of the parking structure project.

The Board confirmed the action of the Executive Committee.

Report of Purchase of Windle Property, PSC

At the January 1964 Board meeting, the Board authorized condemnation of the Windle property at 638 S.W. Harrison Street, Portland, to be used as part of the site for a parking structure for Portland State College. Continued negotiations, in consultation with the Executive Committee of the Board, have resulted in securing and accepting an option to purchase the property for $15,150. Funds for the purchase are provided from the proceeds of bonds which were sold to finance the cost of the parking structure project.

The Board confirmed the action of the Executive Committee.

Urban Planning Project in Eugene-Springfield Metropolitan Area, UO

In accordance with action by the Board on September 10, 1963, the Vice Chancellor for Business Affairs has filed an application with the Housing and Home Finance Agency of the federal government for a grant of $49,544 to provide for additional planning work in the Eugene-Springfield metropolitan area. The studies will involve the land use planning portions of the area transportation study being undertaken jointly by the local agencies and the Oregon State Highway Department. The total estimated cost of the planning work is $74,316, with $49,544 to be provided by the federal government, $11,822 in local funds, $9,100 in services of Lane County personnel, and $3,850 in services of the City of Springfield personnel.

The Board accepted the report.
In accordance with action by the Board on September 10, 1963, the Vice Chancellor for Business Affairs has filed an application with the Housing and Home Finance Agency of the federal government for a grant of $10,000 for additional general planning work and information services. The total estimated cost of the project is $15,000, with $5,000 to be provided from regular Bureau funds allocated to planning. This is the Bureau's second application for a project of this type. The federal grant will provide increased revenue to meet the requests for general assistance regarding the establishment of local planning programs and the preparation of general material on planning.

The Board accepted the report.

On September 10, 1963, the Board approved a program of procedures to be followed pertaining to the filing of applications, contracting with the federal government and making appropriate report, as detailed in the minutes of the meeting on page 397. At the meetings of January 27-28, 1964, general policies were established pertaining to the seeking, accepting and expending of gift, grant and contract moneys as detailed in the minutes on pages 55 through 58. In recognition of the last action, the Chancellor recommended that the previous Board action pertaining to procedures to be followed relating to planning assistance for municipalities, counties and regional or joint planning agencies be modified to read as follows:

1. Applications for grant funds are subject to the approval of the Vice Chancellor for Business Affairs.

2. [After filing the application, report is to be made to the Board.] Authorization is [to be requested for] given to the Vice Chancellor for Business Affairs to direct planning work to be undertaken when the federal government approves the grant budget, separately for each project.

3. Authorization is also [requested for] given to the Vice Chancellor for Business Affairs to contract with the federal government, accepting the terms of the federal grant, with attestation to be by the Secretary of the Board.

4. In the event that the grant differs from the application amount as originally reported to the Board, an appropriate further report is to be made to the Board.

The Board approved the recommendation as presented.

President Rice recommended an addition to the budget of Oregon College of Education from the Board's Unappropriated Fund in the amount of $17,375 to acquire a videotape recorder. President Rice reported that the recorder will be used in connection with closed circuit television facilities at Oregon College of Education. He indicated that the requested equipment will provide for the following:

1. It will improve the capacity of Oregon College of Education to make use of the present interinstitutional television courses broadcast on open circuit television so that the programs may be taped and offered within the OCE class time schedule.
2. Campus class lectures can be recorded and duplicated at OCE to make the lectures available to classes in several rooms at the same time.

3. Through interinstitutional cooperation, OCE will be able to make use of materials developed at the University of Oregon, Oregon State University, and Portland State College where similar machines are in operation and where materials suitable for interinstitutional use have been developed. Oregon College of Education expects also to share its materials with the other institutions.

4. The equipment will greatly improve the capacity of OCE for observation in teacher training, both in the OCE laboratory school as well as schools elsewhere in the state. The recorder can be taken by a technician to another school where a particular kind of activity is in progress.

5. The recorder will be used for purposes such as recording counseling sessions to be played back for observation. Application can also be made in areas such as music, speech, and physical education.

Chancellor Liumallen recommended approval of the request from Oregon College of Education.

The Board approved the recommendation as presented.

Transfer to Division of Publications, CA

The Chancellor recommended the transfer of $1,700 from the Board's Unappropriated Fund to the Division of Publications as the State System's share in the cost of publication of "Mapping Your Education."

The Board approved the recommendation as presented.

At the request of Mr. Snider, Chairman of the Committee on Finance and Business Affairs, the Chancellor presented the following report:

"The operating budget as presented in the document entitled 'Budget Summaries and Personnel Adjustments' has been prepared in accordance with a plan developed cooperatively with the institutional executive and approved by the Finance Committee of the Board, with other Board members present, at a meeting on February 19, 1964. The budget plan contemplates an estimated campus enrollment of 36,424 during the fall term of 1964. This represents an increase of 2,638 or 7.8 percent over the 1963 fall term enrollment. The estimated enrollments for the fall term of the year 1964-65 by institutions are as follows:

- University of Oregon: 10,525
- University of Oregon Medical School: 767
- University of Oregon Dental School: 390
- Oregon State University: 10,963
- Portland State College: 7,580
- Oregon College of Education: 1,524
- Southern Oregon College: 2,496
- Eastern Oregon College: 1,201
- Oregon Technical Institute: 978

Total estimated student enrollments for the State System, year 1964-65 (fall term head-count): 36,424"
"The above enrollment reduced to a full-time-equivalent average for the fall, winter, and spring terms aggregates 33,399.

"As a result of the rejection, by referendum on October 15, 1963, of the state income tax bill that was passed by the 1963 Legislature, the estimated resources to the State General Fund were necessarily revised downward. As its share of the reduction of state funds available for appropriation, the appropriations for higher education were reduced by $8,270,583. In order to meet this reduction in state operating funds, the Board has approved reduction of budgeted expenditures during the current biennium in the aggregate amount of $4,613,213 and has approved increases in student fee rates and in other estimated sources of nontax income aggregating $3,657,370.

"Since year 1963-64 was already in progress when the reductions in state appropriations occurred, with staffing commitments and other decisions previously made, the major impact of the reduction in state funds necessarily falls in year 1964-65, the second year of the current biennium.

"The proposed budget provides for the operation of all divisions in the Oregon State System of Higher Education including the University of Oregon, Oregon State University, Portland State College, Oregon College of Education, Southern Oregon College, Eastern Oregon College, the Medical and Dental Schools, Oregon Technical Institute, the Board's Centralized Activities, and the Division of Continuing Education, including Educational Radio and Television, evening extension classes in Portland and other cities, correspondence study, and the state-wide visual education service. For the nine campus institutions and the other divisions indicated above, the proposed budget provides for the expenditure of $57,109,449. Of this amount, $27,024,948 or 47 percent comes from state funds, and $30,084,501 or 53 percent comes from nontax sources, largely student fees and gifts and grants. Two years ago, in year 1962-63, 62 percent of the budget was financed from state funds.

"Of the amount of $57,109,449 budgeted for the Instruction and Related Research and General Services, $14,104,516 is for separate organized research projects, financed principally from gifts and grants; $3,556,878 is for Division of Continuing Education services, financed largely from student fees; and $1,662,061 is for summer session operation, also financed largely from student fees. The summer sessions planned for 1964 at five institutions and in the Portland Center will offer 11-weeks' sessions to provide fourth term opportunities so that students may accelerate their regular degree programs and may complete degree requirements in less than four years."
"For the operation of the State-Wide Public Services, including the Teaching Hospital and the Outpatient Clinic, the State Tuberculosis Hospital, the Crippled Children's Division at the Medical School, the Dental Clinics of the University of Oregon Dental School, and the programs of Agricultural Research and Federal Cooperative Extension Service at Oregon State University, the proposed budget is $14,800,823. The latter two divisions include the central experiment station at Corvallis, thirteen branch stations, the Forest Research Laboratory and extension programs in agriculture, home services, and 4-H Club work in every county in Oregon. The state-wide public services are financed, $9,387,809 or 63 percent from state funds and $5,413,014 or 37 percent from funds other than the State General Fund.

"For all State System activities including the nine campus instructional units and the state-wide public services, approximately 51 percent of the support, or $36,412,707, is received from the State. The remaining 49 percent, or $35,497,565, is provided from sources other than state-appropriated funds.

"The recommended budgets by institutions for Instruction, Related Research, and General Purposes are as follows:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oregon</td>
<td>$14,721,341</td>
</tr>
<tr>
<td>University of Oregon Medical School</td>
<td>7,749,639</td>
</tr>
<tr>
<td>University of Oregon Dental School</td>
<td>1,683,818</td>
</tr>
<tr>
<td>Oregon State University</td>
<td>16,385,158</td>
</tr>
<tr>
<td>Portland State College</td>
<td>5,485,925</td>
</tr>
<tr>
<td>Oregon College of Education</td>
<td>1,651,968</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>1,877,295</td>
</tr>
<tr>
<td>Eastern Oregon College</td>
<td>1,173,315</td>
</tr>
<tr>
<td>Oregon Technical Institute</td>
<td>1,736,689</td>
</tr>
<tr>
<td>Division of Continuing Education (including charges of $409,747 for physical facilities and services used jointly with PSC)</td>
<td>3,556,878</td>
</tr>
<tr>
<td>Centralized Activities</td>
<td>967,632</td>
</tr>
<tr>
<td>Western Interstate Commission for Higher Education</td>
<td>43,200</td>
</tr>
<tr>
<td>1964 Summer Session Contingency Reserve</td>
<td>25,000</td>
</tr>
<tr>
<td>1964 Summer Session Workshops (to be financed entirely from summer session fees as the workshops are requested)</td>
<td>20,000</td>
</tr>
<tr>
<td>Reserve for Unemployment Assessments</td>
<td>31,591</td>
</tr>
</tbody>
</table>

Total Recommended Budgets for Instruction, Research, and General Purposes $ 57,109,449
"For State-Wide Public Services, the recommended budgets are as follows:

- UO Medical School Teaching Hospital and Clinic $4,016,581
- State Tuberculosis Hospitals, UOMS (Salem) 939,307
- (Portland) 41,575
- Crippled Children's Division, UO Medical School 1,043,164
- Dental Clinics, UO Dental School 245,000
- Federal Cooperative Extension Service in Agriculture, Home Economics, and 4-H Club Work 3,540,907
- Agricultural Research, Experiment Stations, including the Forest Research Laboratory (transferred to Oregon State University by the 1961 Legislature) 4,974,289

Total Recommended Budgets for State-Wide Public Services $14,800,823

Total Recommended Budget, All Divisions $71,910,272

"At each session of the legislature since 1953 the Board of Higher Education has been requested to raise student fee rates. The total annual fee charges are compared below for the years 1953 through 1964, including the temporary increase of $96 per year approved by the Board to apply toward the reduction in state appropriated funds:

<table>
<thead>
<tr>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Fee is of</th>
</tr>
</thead>
<tbody>
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<td>Residents of Oregon:</td>
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<td>UO, OSU &amp; PSC $165</td>
<td>$213</td>
<td>$270</td>
<td>$300</td>
<td>$330</td>
<td>$426</td>
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<td>UOMS &amp; UODS 456</td>
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<td>705</td>
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<td>234</td>
<td>264</td>
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<td>1,113</td>
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<td>OCE, SOC &amp; EOC 180</td>
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<td>474</td>
<td>534</td>
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<td>450</td>
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"As a result of the increase in fee rates during recent years, the students are providing for a greater proportion of the unrestricted fund budget for Instruction, Related Research and General Services than in previous years. In year 1953-54, student fees provided approximately 15 percent of the total unrestricted fund budgets for the campus institutions. In the proposed budget for year 1964-65 student fees represent 26 percent of the total unrestricted fund campus budgets for Instruction, Related Research and General Services..."
"Partly offsetting the recent increases in student fee rates, the 1959 Legislature authorized the Board to increase the number of fee remission scholarships from 2 percent of cumulative enrollments to 2.5 percent, and the 1963 Legislature increased the cash scholarship fund for the state from $125,000 for biennium 1961-63 to $303,520. Of the scholarships awarded during year 1963-64 from the cash fund by the State Scholarship Commission, 18 percent were for students in private institutions and 82 percent were for students in the publicly-supported, four-year colleges and universities. The 1963 Legislature also approved the use of 10 percent of the fee income collected from nonresident students for scholarship fee remissions to nonresident students.

"Summaries of the estimated resources available for budgeting are shown on pages 1 and 2 of the budget summary document, with more detailed analyses shown in the supplementary material on pages 84 through 86. Summaries of the proposed institutional budgets, by principal functional divisions, are shown on pages 3 through 22. The proposed expenditures of the self-sustaining auxiliary activities such as dormitories, health services, etc., are summarized on pages 23 through 25. Recommended staff personnel changes, such as appointments, resignations, leaves of absence, retirements, extensions in service beyond the normal retirement age of 65, and miscellaneous changes affecting staff are shown on pages 26 through 77. Lists of emeritus staff members are shown on pages 78 through 83.

"The proposed 1964-65 budget includes estimated income and expenditures in the various institutional budgets from restricted gifts and grants for research and other projects in the aggregate amount of $14,812,556. It is necessary to include these amounts as lump sum estimates, since the details regarding the gifts and grants to be received during the year cannot be ascertained in advance.

"In connection with the gifts and grants estimated to be received during year 1964-65 to finance contract projects in research and other areas, there is included in the proposed budget estimated reimbursements to the institutions aggregating $1,513,823 to be applied to indirect costs related to the contract projects. The reimbursements for indirect costs on contract projects will apply in such areas as administration, institutional service costs (Business Offices, etc.), coordination of projects by deans and department heads, physical plant operation and maintenance, use of equipment, and provision of space for contract projects.

"The appropriation reductions have curtailed the increase in the number of academic staff members normally considered necessary to provide adequate teaching and administrative services to the increasing numbers of students in the several institutions. Although the increase in the average full-time equivalent enrollments in year 1964-65 above the number originally budgeted for year 1963-64 will be 618 percent, the total increase in the numbers of academic staff proposed for year 1964-65 in the teaching institutions above the number originally budgeted in the year 1963-64 will be only 3.0 percent. This situation results from the fact that the only funds available to finance added staff positions and other costs of increased enrollment in year 1964-65 will be the amounts of student fee income to be produced by the increased numbers of students expected in year 1964-65."
"The biennial budget approved by the 1963 Legislature provided a one-step increase in salaries for all classified staff except those already at the top step of their respective salary ranges. Salary increases, in the second year of the biennium, were granted to selected classified staff members in recognition of merit by the several institutions to the extent that funds were available in the 1964-65 budgets of the institutions.

"Academic staff salary adjustment funds were provided in the original appropriations by the 1963 Legislature in an amount sufficient to provide a 6 percent fund in year 1963-64 and approximately a 2.1 per cent fund for further salary adjustments in year 1964-65. In accordance with the general policy being followed in all state agencies, the proposed 1964-65 budget carries out the original salary adjustment plan approved by the 1963 Legislature.

"As recommended by the institutional executives and approved by the Finance Committee of the Board, the entire academic staff salary adjustment fund in year 1964-65 is to be used for individually selected adjustments, in recognition of unusual merit. It was agreed by the institutional executives that the salary adjustment fund would be used also to provide salary adjustments to accompany normal promotions in rank and position and to prevent losses of able staff members.

"Operating within the above salary plan, the average salary of all academic staff in teaching, research, extension and administration has been increased from $9,896 in 1963-64 to $10,074 in 1964-65, an increase of 1.8 percent.

"In reviewing the purposes and proper functions of various departments that have appeared in the Separately Organized Research Function in previous budgets, it has been determined that some of these departments should more appropriately be shown in other functions. In some services, such as Business Research Bureau, Educational Research Bureau, Bureau of Municipal Research, Oregon Cooperative Testing Service and the Statistical Laboratory and Computing Center at the University of Oregon, all were established primarily to provide a public service and are financed in varying degrees by reimbursements from other agencies using the service, such as cities, counties, school districts, business corporations, etc. This type of department has been transferred to the function entitled 'Extension and Public Services.' In certain other divisions, such as General Research and Institute of College Teaching, the purpose of the department is to provide a service closely related to the teaching activity. This type of department has been reclassified into the 'Instruction and Related Research' function, along with the teaching departments. Some departments, engaged only in research, not so closely related to instruction for credit, will remain in the functional group entitled, 'Research, Separately Organized.'
"In prior years, the Portland Summer Session, operated by the Division of Continuing Education, has included the offering of Portland State College courses. The 1964 Portland Summer Session has been divided between Portland State College and the Division of Continuing Education to allow Portland State College to direct the teaching of its own courses. The portion of the Portland Session remaining in the Division of Continuing Education will represent primarily offerings of courses allocated to the other institutions of the State System and will also provide for noncredit courses and projects.

"Of the amount of $551,280 provided for the 1964 Portland Session, $340,480 was transferred to Portland State College for its Summer Session and $210,800 was retained for the summer program to be offered by the Division of Continuing Education.

"During its consideration of the biennial operating budget for the Department of Higher Education, the 1961 Legislature through its Ways and Means Committee decided to remove from the 1961-1963 biennial budget the Board's Emergency Fund of $137,500 per year or $275,000 for the biennium. The Board had had legislative approval to carry the emergency reserve in its operating budget since 1937. In accordance with the action by the 1961 Legislature, the proposed operating budgets for 1962-63 and subsequent years include no Board's emergency reserve from unrestricted funds. An emergency fund is needed to care for unforeseen costs and emergencies which cannot be estimated three years in advance when the biennial budgets are prepared. It is anticipated that when the fiscal records are closed for year 1963-64, a relatively small amount of balances in unrestricted funds will be carried forward into year 1964-65 to serve as an emergency reserve.

"The budgets for the units of the State System financed from special state appropriations and from other restricted funds, including the Medical School Teaching Hospital and Clinic, the State Tuberculosis Hospitals, the Crippled Children's Division, the Dental Clinics, the Federal Cooperative Extension Service in agriculture, home economics, the 4-H Club work, and the Agricultural Experiment Stations are summarized on pages 14 through 22 of the Budget Summaries document. These divisions were required to reduce numbers of positions and to curtail services to meet the reductions in state operating funds. The state funds are supplemented by estimated nonstate income such as patient fees, sales and service fees, federal funds, county funds, and gifts and grants. On pages 14 through 22 of the Budget Summaries document, the sources of funds for each of the state-wide services are analyzed.
"The general policies followed in meeting the reduction in appropriated funds and in the preparation of the 1964-65 annual budget were discussed in conferences with the institutional executives and approved by the Finance Committee of the Board. The 1964-65 budgets now presented for all of the institutions have been approved by their respective executive officers. I wish to commend the institutional executives and their staffs for their splendid cooperation in working out policies and procedures and in the preparation of their detailed budgets. I wish to express appreciation also of the time and consideration given by the Finance Committee and other Board members to the formulation of budget policies. I recommend approval by the Finance Committee and the Board of the 1964-65 operating budget as contained in the document entitled 'Budget Summaries and Personnel Adjustments' and in the document entitled 'Budget Supplement.'"

The Board adopted the report as presented and approved the total 1964-65 budget as outlined in the report; the Board also approved the personnel adjustments presented in the volumes, "Budget Summaries and Personnel Adjustments for the Fiscal Year Ending June 30, 1965," and "Budget Supplement, Year 1964-65."

In the discussion of the report it was noted that the proposed 1964-65 Oregon State System tuition charges would be the highest in the West and among the highest in the nation's public universities and colleges. It was also pointed out that tuition has been a means of providing the additional funds necessary to balance the budget and is not related to the costs of instruction at a particular institution.

**Fiscal Policies**

In the past when the Board has considered the issuance of higher education building bonds, as authorized by Article XI-F(1) of the Constitution and Oregon Revised Statutes, Chapter 351, details were provided to the Board regarding the institutional restricted income which was to be applied toward payment of principal and interest on bonds to be issued, also to establish and maintain sinking funds. It was recommended that the present policies be incorporated in the Administrative Code, as follows:

1. Capital outlay projects for any institution to be financed in whole or in part from the sale of general obligation bonds, authorized by Article XI-F(1) of the Constitution, shall be such only as conservatively shall appear to the Board to be wholly self-liquidating and self-supporting from revenues, gifts, grants or building fees of said institution. All unpledged net revenues of projects of the institution may be pooled in order to make the new projects or buildings self-liquidating and self-supporting.

2. It is expected that the wholly self-liquidating and self-supporting concept will apply to the total of the proposed and existing indebtedness applicable to the institution.
3. For each institution, the student building fees, revenues, gifts and grants required for payment of principal and interest upon bonds shall be accumulated in such an amount as when supplemented by conservatively estimated expected future income will, in the judgment of the Board, be sufficient to meet in full the principal and interest requirements. The amount thus accumulated for each institution is to be no less than the sum required to meet the principal and interest payments for the two succeeding years. The conservatively estimated future annual income is expected to be at least 1-1/2 times the annual debt service for those bonds issued prior to May 7, 1963; while for bonds issued thereafter, the coverage is expected to be at least 1-1/4 times.

4. To the extent that for any institution the building fees, revenues, gifts and grants are not required to retire bonds and pay interest thereon, or to maintain a minimum two-year debt service reserve, the excess shall be restricted to and made available for the following:

A. Acquisition of sites, contract for architectural and engineering services for projects of the type contemplated by the sale of bonds, such as for dormitories, student apartments, college centers, etc.; and

B. Establishing in advance the two-year debt service reserve for contemplated future bond issues; and

C. Financing the cost of construction, equipping and furnishing and other capital outlays relating to projects of the type contemplated by Article XI-F(1) of the Constitution.

D. Call and retirement of outstanding bonds before the scheduled maturity date.

The Board approved the recommendations as presented.

President Jensen reports that Mr. Michael Newton, a research assistant in forestry, has invented a timber stand improvement tool for injecting chemicals into standing timber. Oregon State University has negotiated with the inventor for an "Assignment of Invention and Patent Rights" agreement which provides that 10 percent of total net royalty income, if any, will be paid to the inventor. It is contemplated that the rights in the invention and patent will be assigned to the Research Corporation of New York.

President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officers be authorized to enter into an "Assignment of Invention and Patent Rights" agreement with the inventor and also to enter into necessary agreements with the Research Corporation for evaluating and patenting the invention and for marketing thereof.

The Board approved the recommendation as presented.
President Jensen reports that he has received a communication from the Oregon Cattlemen's Association, Mr. Walter Shrock, President, reporting a serious disease situation in the Oregon livestock industry. The disease referred to occurs among cattle and in many cases has been fatal to newborn calves, particularly in the Eastern Oregon range area. It appears that the disease is caused by a virus, and the Cattlemen's Association has urgently recommended that there be a request through Oregon State University to the State Emergency Board for an emergency appropriation of $25,000 to the Experiment Station to provide research staff and the accompanying facilities and expenditures which will be required to seek a remedy for the situation.

President Jensen, with the concurrence of the Chancellor, recommended that the State Board of Higher Education approve a request for an emergency appropriation of $25,000 from the State Emergency Board to undertake a special research program in animal viruses. If the request is approved by the Board, it will be presented to the State Emergency Board at its next meeting, now scheduled for May 29, 1964.

The Board approved the recommendation as presented.

The meeting was recessed at 11:55 A.M., April 27, 1964, and was reconvened at 9:00 A.M., April 28, 1964, with the following Board members present:

Mr. J. W. Forrester, Jr.                     Mr. John W. Snider
Mrs. Elizabeth H. Johnson                   Mr. Ray T. Yasui
Mr. George H. Layman                        Mr. Chas. R. Holloway, Jr.
Mr. John Merrifield

RE ABSENCES

Mr. Joss was absent due to illness and Dr. Purvine was absent for business reasons.

A contract, executed on behalf of the federal government and intended to be signed by appropriate Board officers, has been received from the Atomic Energy Commission for the procurement and installation of a 4 MeV Van De Graaff accelerator at the University of Oregon. The contract provides that the federal government will make available funds not exceeding $300,000 for the purchase and installation of the equipment during the period May 1, 1964, through April 30, 1966. Title to the equipment remains with the federal government.

It is contemplated that upon completion of the accelerator the contract will be modified to include a research program for using the accelerator.

The Board is to provide adequate building space for housing the equipment. It is expected that remodeling and an addition to the basement of the existing health service building, estimated to cost $60,000, will be necessary. Funds for this purpose are to be provided from indirect cost allowances for building use derived from research and other contracts and grants of the University. When preliminary building plans have been prepared, they will be brought to the Board for consideration.

The Board accepted the report as presented.
A study meeting of the Academic Affairs Committee was held in the Division of Continuing Education Building in Portland on March 27, 1964. Present were:

Committee Members: Mrs. Elizabeth H. Johnson, Chairman; Mr. J. W. Forrester, Jr.; Mr. George H. Layman.

Other Board Members: Mr. Chas. R. Holloway, Jr., President; Mr. Ray T. Yasui.

Centralized Activities: Chancellor R. E. Lieuallen, Secretary R. L. Collins, Vice Chancellor M. C. Romney, Vice Chancellor J. W. Sherburne, and Assistant Chancellor D. R. Larson.

Oregon State University: Dr. E. H. Volkhart, Dean of Faculty; Dr. Gordon W. Gilkey, Acting Dean, Humanities and Social Science.

University of Oregon: President A. S. Flemming.

Portland State College: President B. P. Millar.

Oregon College of Education: President L. W. Rice; Dr. Floyd B. Albin, Registrar and Professor of Education; Dr. Walter E. Snyder, Dean of Instruction.

Southern Oregon College: President E. N. Stevenson; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs.

Eastern Oregon College: President E. B. Bennett; Mr. John M. Miller, Administrative Assistant; Dr. Roy L. Skeen, Director of Instruction; Dr. Carlos E. Easley, Director of Education.

University of Oregon Medical School: Mr. J. J. Adams, Assistant to the Dean and Director of Public Affairs.

Division of Continuing Education: Dr. Ralph W. Steetle, Director of Divisional Relations.

Mrs. Johnson called the meeting to order, and the Chancellor asked Dr. Romney to present the document entitled, "Curricular Allocations and Institutional Guidelines," dated March 19, 1964.

The discussion was directed principally to the history of curricular allocations in the Oregon State System, general principles to be considered by the Board in acting on allocations, and major issues raised by the institutional guidelines, with particular reference to proposals and requirements in teacher education, departmental programs, professional school programs, and graduate education.

Presidents Bennett, Stevenson, and Rice then presented the following statements for their respective institutions:


The above three statements of guidelines together with the Curricular Allocations and Institutional Guidelines, dated March 19, 1964, are on file in the Board's Office and will be considered as a supplement to these minutes. The official report on Curricular Allocations and Institutional Guidelines and Statements of guidelines from all State System institutions when finally approved and adopted by the Board will be bound in a separate document with excerpts from applicable Board minutes.

The Board accepted the report as presented.
Personnel Adjustments

The Board approved the following personnel adjustments as submitted by the Institutional Executives concerned, the necessary funds being provided in the 1963-64 budgets:

Oregon State University

G. W. Gilkey, Promotion and Increase in Salary
Promotion of Dr. Gordon W. Gilkey, Acting Dean of Humanities and Social Sciences, to Dean of Humanities and Social Sciences, effective July 1, 1964, with a corresponding increase in salary from $17,040 to $18,850 for 12-months' service. The required funds are provided in the budget.

W. V. Burt, Change in Title
Designation of Dr. Wayne V. Burt, Chairman of the Oceanography Department as Director of the Marine Science Laboratory; and

T. G. Scott, Change in Title
Designation of Dr. Thomas G. Scott, Head of the Fish and Game Management Department, as co-director of the Marine Science Laboratory.

No changes in rank or salary are required in connection with either of the above changes.

University of Oregon

F. G. Scott, Increase in Salary
Increase in annual salary for Dr. Frances G. Scott, Visiting Associate Professor of Education and Sociology, from $7,917 for 10-months' service to $11,000 for 12-months' service, effective February 1, 1964. Funds for the increase are provided in a research grant under which Dr. Scott is employed.

University of Oregon Medical School

J. H. Beck, Advance in Rank & Salary
Advance in rank for Mr. James H. Beck from Research Assistant to Research Associate in Medicine, effective April 1, 1964, with a corresponding increase in salary from $5,820 to $6,600 per year. The increase is in recognition of new supervisory responsibilities and the funds are provided in the U. S. Public Health Service grant under which Mr. Beck is employed.

L. H. Frische, Advance in Rank
Advance in rank for Dr. Louis H. Frische from Associate Clinical Professor to Clinical Professor of Radiology. Dr. Frische is employed on a volunteer basis.

A. W. Lis, Increase in Salary
Increase in annual salary for Dr. Adam W. Lis, Research Associate in Pathology, from $10,500 to $11,500, effective March 1, 1964. The funds are provided for the increase in the new U. S. Public Health Service grant which became effective on that date.

D. M. Bachman, Increase in Salary
Increase in annual salary for Dr. Daniel M. Bachman, Associate Professor of Medicine, from $12,000 to $14,000, effective January 1, 1964. The $2,000 required is provided in the National Science Foundation grant under which he is employed.

D. R. Bottomly, Increase in Salary
Increase in annual salary for Dr. Douglas R. Bottomly, Instructor in Medicine, from $8,000 to $10,000, effective January 1, 1964. The funds required are provided in the National Foundation grant which became effective on that date.
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 make suitable acknowledgement to the donors and grantors. The Board accepted the report and approved the recommendation.

Oregon State University

Scholarships & Fellowships

Gifts and grants totaling $45,936.76 from the following donors for scholarships and fellowships:

Mr. Ralph Kappeler, Milino
Western Electronic Manufacturers Association, Los Angeles, California $892.00
Georgia-Pacific Foundation, Portland 750.00
Sherman County Scholarship Association, Inc., Moro 2,250.00
American Society for Metals, Portland 666.67
The Autzen Foundation, Portland 100.00
Zonta Club of Salem 500.00
The Carpenter Foundation through School District No. 6, Central Point 400.00
American Business Women's Association, Salem 333.40
Capital Chapter 100.00
Criswell Scholarship Fund, Portland 600.00
The United States National Bank of Oregon, Portland 880.00
Pacific Resins & Chemicals, Inc., Seattle, Washington 100.00
Mr. and Mrs. Carl Bennett, Philomath 300.00
Benton County Medical Society, Corvallis 315.00
Mr. and Mrs. Louis A. Blaser, Lebanon 500.00
Mr. and Mrs. W. E. Bruckert, Wasco 500.00
Bumble Bee Seafoods, Inc., Astoria 600.00
Crown Zellerbach Foundation, San Francisco, California 1,000.00
Fernhoppers Endowment Fund 4,500.00
OMARK Industries, Inc., Portland 180.00
Robert Johnson Trust Fund 667.00
Cleveland High School, Portland 1,681.03
Gyro Club of Wallace, Idaho 100.00
Dr. Milton Harris, Boston, Massachusetts 100.00
Institute of Food Technologists 900.00
Ezra R. Kraus Memorial Scholarship 345.00
Lions Club, McMinnville 330.00
Lloyd and Leona Covert 400.00
Mortar Board of Oregon State University 300.00
Northwest Packing Company, Portland 500.00
Oregon Congress of Parents and Teachers, Portland 300.00
Oregon Dairy Industries, Corvallis 2,565.00
OSU Book Stores, Inc., Corvallis 720.66
OSU Dads' Club, Corvallis 660.00
Oregon State University Foundation, Corvallis 5,825.00
OSU Dads' Club, Corvallis 1,233.00
OSU Educational Foundation, Corvallis $ 220.00
P.E.O. International Peace Scholarship Fund, 
Des Moines, Iowa 400.00
Pepsi-Cola Bottling Company, Portland 100.00
Rotary Club, Corvallis 400.00
South Santiam Educational and Research Project 
through the Oregon State University 
Foundation, Corvallis 9,400.00
Max D. Tucker Scholarship Fund, through the 
United States National Bank of Oregon, Portland 1,002.00
Lamb Weston, Inc., Weston 300.00
Woman's Benefit Assn., Port Huron, Michigan 125.00
Woodland High School Parent-Teacher Association, 
Woodland, California 100.00
Alumni Association, Oregon State University, 
Corvallis 1,796.00

Atomic Energy Commission
Grant of $41,200 from the Atomic Energy Commission, Richland 
Operations Office, Richland, Washington, for a "Study of the Benthos 
in the Pacific Ocean Off Oregon," February 1, 1964, through 
January 31, 1965, under the direction of Dr. A. G. Carey, Assistant 
Professor, Oceanography.

Bonneville Power Administration
Grant of $9,850 from the Bonneville Power Administration, Portland, 
for "Laboratory Creep Studies of Transmission Line Conductors," 
July 1, 1963, through June 30, 1966, under the direction of Mr. O. G. 
Pasche, Professor of Mechanical Engineering.

Food and Drug Administration
Grant of $23,189 from the Food and Drug Administration of the U. S. 
Department of Health, Education, and Welfare, for a "Survey of the 
Distribution of Clostridium botulinum Type E in salt water fish and 
fresh water fish; and of the incidence of Clostridium botulinum 
Type E in commercially smoked fish," February 17, 1964, through 
February 16, 1965, under the direction of Dr. K. S. Pilcher, Professo 
of Microbiology.

National Science Foundation
Grants totaling $155,800 from the National Science Foundation, 
Washington, D.C., for research and training programs, as follows:

1. $8,400 - "Undergraduate Science Education Program," February 15, 
1964, through July 31, 1965, under the direction of Dr. Paul O. 
Ritcher, Chairman of the Department of Entomology.

2. $42,900 - "Chemical Equilibria in Sea Water," March 1, 1964, 
through February 28, 1966, under the direction of Dr. Ricardo 
M. Pytkowics, Assistant Professor of Oceanography.

3. $23,000 - "Electronic Transition Probability Measurements," 
March 1, 1964, through February 28, 1966, under the direction 
of Dr. Clifford E. Fairchild, Assistant Professor of Physics.

4. $21,400 - "Weathering, Clay Mineralogy, and Chemistry of Soils 
from Klamath Fumics," February 1, 1964, through January 31, 1966 
under the direction of Dr. C. T. Youngberg, Professor of Forest 
Soils and Dr. M. E. Harward, Associate Professor of Soils.

6. $7,000 - "Undergraduate Science Education Program," February 19, through October 31, 1964, under the direction of Dr. Leo A. Sciunchetti, Head of the Pharmacognosy Department.

7. $16,300 - "The Hormonal Regulation of Growth and Flowering," March 1, 1964, through February 28, 1966, under the direction of Dr. Thomas C. Moore, Assistant Professor of Botany.

U. S. Air Force
Grant of $92,765 from the U. S. Air Force, Wright-Patterson Air Force Base, Ohio, for research on "The Toxic Action of Certain Rocket Propellants," May 15, 1963, through July 30, 1964, under the direction of Dr. C. H. Wang, Professor of Chemistry.

U. S. Navy Dept.
Office of Naval Research
Grant of $6,500 from the U. S. Navy Department, Office of Naval Research, for "Research on Color Centers in Alkali Halides," November 30, 1963, through November 30, 1964, under the direction of Dr. A. B. Scott, Professor of Chemistry.

U. S. Public Health Service
Grants totaling $174,798 from the U. S. Public Health Service for research and training grants, as follows:

1. $12,518 - "Metabolism and Enzymes of Vascular Tissue," April 1964, through March 31, 1965, under the direction of Mr. William Gamble, Assistant Professor of Chemistry.

2. $37,785 - "Screening Northwest Plant for Medicinal Activity," February 1, 1964, through January 31, 1965, under the direction of Dr. Leo A. Sciunchetti, Professor of Pharmacognosy.

3. $60,813 - "Training Grant in Radiological Health," February 1, 1964, through January 31, 1965, under the direction of Dr. E. Dale Trout, Professor of Radiological Physics.

4. $12,789 - "Lactose Fermentation by Lactic Acid Bacteria," March 1, 1964, through February 28, 1965, under the direction of Dr. W. E. Sandine, Associate Professor of Microbiology.

5. $12,122 - "Nutritional Studies on Vitamin B6," December 1, 1963, through November 30, 1964, under the direction of Dr. Clara A. Storvick, Chairman of Home Economics Research.

6. $25,593 - "Biochemistry and Physiological Ecology of Poisoned Fish," March 1, 1964, through February 28, 1965, under the direction of Dr. V. H. Freed, Head of Agricultural Chemistry.

7. $13,178 - "Carbohydrate Metabolism in Lymphocytes," April 1, 1964, through March 31, 1965, under the direction of Dr. Reginald A. MacHaffie, Assistant Physician, Student Health Service.
Grants to the several Agricultural Experiment Station departments and divisions for research work and other purposes from various donors as follows:

- **Agricultural Research Foundation**
  - $2,890.83 - "Effects of Fertilizers and Lime on Production of Field Crops in Western Oregon," under the direction of Dr. T. L. Jackson, Professor of Soils; and "Forestry Soil Fertility Evaluation," under the direction of Dr. C. T. Youngberg, Professor of Forest Soils.
  - $4,035 - "Hop Disease Research," under the direction of Dr. Roy A. Young, Professor of Plant Pathology.
  - $548 - "Toxicology and Testing of Insecticides," under the direction of Dr. L. C. Terriere, Professor of Chemistry.
  - $15,046 - "Research on Chemical Aspects of the Use of Insecticides and Fungicides on Oregon Crops and Livestock," under the direction of Dr. L. C. Terriere; "Pesticide Residues, Their Nature, Distribution and Persistence in Plants, Animals and Soils," under the direction of Dr. V. H. Freed, Professor of Chemistry; "Research on Hop Production, Breeding, Disease and Quality Investigations," under the direction of Dr. D. E. Bullis, Professor of Chemistry.

- **Allied Chemical Corporation**
  - $600 - "For partial support of studies on control of harvester ants in Eastern Oregon range lands," under the direction of Dr. H. H. Crowell, Associate Professor of Entomology.

- **American Hardboard Association**
  - $1,200 - "Test Standards for Hardboard Siding," under the direction of Mr. Thomas Albert and Mr. William F. Lehmann, Instructors in Wood Technology.

- **A. M. Todd Company**
  - $12,500 - "Verticillium Wilt of Peppermint," under the direction of Dr. C. E. Horner, Associate Professor of Plant Pathology.
  - $1,500 - "Pesticide Residues in Peppermint," under the direction of Dr. L. C. Terriere.

- **Bear Creek Orchards**
  - $105 - "Effect of several pruning procedures on the flowering and fruiting of pear varieties grown on dwarfing rootstocks," under the direction of Dr. M. N. Westwood, Associate Professor of Horticulture.

- **Bonneville Power Administration**
  - $372.50 - "Inspection and Preservative Treatment of Poles in Line" and "Improved Serviceability of Wood Products," under the direction of Mr. Robert D. Graham, Associate Professor of Forest Products.
  - $312.50 - "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Graham.

- **M. Brown and Sons**
  - $500 - "Work on the Insecticide Residues in Mint Oil," under the direction of Dr. L. C. Terriere.
Meeting #325

<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
<th>Description</th>
<th>Director(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
<td>$11,001.59</td>
<td>&quot;Animal Damage Control in the Rehabilitation of Forest Lands,&quot;</td>
<td>Mr. Hugh C. Black, Assistant Professor of Forest Mammology, Mr. Albert Mozejko, Research Assistant, Forest Research Laboratory.</td>
</tr>
<tr>
<td>Chewings Fescue &amp; Red Creeping Fescue</td>
<td>$3,550</td>
<td>&quot;To develop basic seed stocks and initiate a red fescue breeding program,&quot;</td>
<td>Mr. Rodney V. Frakes, Assistant Professor of Plant Breeding.</td>
</tr>
<tr>
<td>County of Curry</td>
<td>$3,000</td>
<td>&quot;For partial support of research on problems of the Curry County lily bulb industry,&quot;</td>
<td>Dr. A. N. Roberts, Professor of Horticulture.</td>
</tr>
<tr>
<td>Crown Zellerbach Corporation</td>
<td>$5,000</td>
<td>&quot;The Usefulness of Dimethyl Sulfoxide (DMSO) in Agricultural Applications,&quot;</td>
<td>Dr. Roy Young, Professor of Plant Pathology, Dr. Spencer B. Apple, Professor of Horticulture.</td>
</tr>
<tr>
<td>Diamond Alkali Company</td>
<td>$3,000</td>
<td>&quot;Influence of Formulation on Absorption, Translocation and Metabolism of 2,4-D,&quot;</td>
<td>Dr. V. H. Freed, Professor of Chemistry.</td>
</tr>
<tr>
<td>Eli Lilly and Company</td>
<td>$1,000</td>
<td>&quot;Research on fruit tree diseases and control of powdery mildew of roses,&quot;</td>
<td>Dr. I. W. Deep and Dr. N. D. Dobie, Associate Professors of Plant Pathology.</td>
</tr>
<tr>
<td>Josephine County</td>
<td>$1,767.80</td>
<td>&quot;For the support of agronomic research in Josephine County,&quot;</td>
<td>Mr. J. A. Yungen, Assistant Professor of Agronomy.</td>
</tr>
<tr>
<td>Monsanto Chemical Company</td>
<td>$2,000</td>
<td>&quot;For partial support of research on determining selective properties of certain organic herbicides,&quot;</td>
<td>Dr. W. R. Furtick, Associate Professor of Agronomy.</td>
</tr>
<tr>
<td>The Mountain Copper Co., Ltd.</td>
<td>$5,700</td>
<td>&quot;Laboratory studies of the fungitoxic mode of action of copper compounds and field evaluation of fungicidal properties,&quot;</td>
<td>Dr. M. E. Corden and Dr. N. D. Dobie, Associate Professors of Plant Pathology.</td>
</tr>
<tr>
<td>National Association of Artificial Breeders</td>
<td>$1,500</td>
<td>&quot;Microstructure of Spermatozoa and Ova and the Relationship of Certain Acid in Sperm Nuclei to Fertility in Cattle,&quot;</td>
<td>Dr. S. H. Wu, Assistant Professor of Animal Physiology.</td>
</tr>
<tr>
<td>National Council for Stream Improvement</td>
<td>$9,350</td>
<td>&quot;Relation of Pulp Mill Effluents to Biological Productivit of Bays and Estuaries,&quot;</td>
<td>Mr. W. P. Breese, Assistant Professor of Fisheries.</td>
</tr>
<tr>
<td>Oregon Essential Oil Growers League</td>
<td>$500</td>
<td>&quot;Verticillium Wilt of Peppermint,&quot;</td>
<td>Dr. C. E. Horner, Associate Professor of Plant Pathology.</td>
</tr>
</tbody>
</table>
Oregon State Game Commission  
$3,500 - "Chemical Aspects of the Use of Insecticides and Fungicides in Oregon Crops and Livestock," under the direction of Dr. L. C. Terriere.

Oregon Wheat Commission  
$3,500 - "To support research at the Pendleton and Sherman Experiment Stations in the development and testing of new stripe rust resistant wheats for the purpose of providing new marketable varieties for both domestic and export markets," under the direction of Dr. C. R. Rohde, Associate Professor of Agronomy, and Mr. W. E. Hall, Assistant Professor of Agronomy.

Pacific Adhesive Co., Inc.  
$1,500 - "Effect of Certain Additives on the Herbicidal Properties of Chemicals," under the direction of Dr. William R. Furtick.

State of Oregon, Department of Agriculture  
$7,560 - "In partial support of three assistantships on diseases and insect pests and propagation of bulb, florist and nursery crops," under the direction of Dr. A. N. Roberts, Professor of Horticulture, Dr. Roy Young, Professor of Plant Pathology, and Dr. R. G. Swenson, Professor of Entomology.

Selenium-Tellurium Development Association, Inc.  

U.S.D.A. Forest Service  
$545.79 - "To study the Mass Transfer (Water Transfer) Effects with Boundary Conditions," under the direction of Mr. Lee Lyman, Research Assistant.

The Upjohn Company  
$500 - "Strawberry Fungicide Research Program," under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology.

West Coast Beet Seed Company  
$500 - "Evaluation of Fungicides in Control of Stone Fruit Diseases," under the direction of Dr. N. D. Dobie.

M. Kerns  
Gift of a painting, "Composition #94," from Professor Emeritus Maud Kerns, Eugene. The painting is valued at $500.

University of Oregon  
Gifts totaling $15,188.18 from the following donors for scholarships and fellowships:

- Crived Mochars, Eugene  $165.00
- The Carpenter Foundation, Medford  1,414.00
- Rogue Equipment Co., Medford  166.00
- Republic Carload Co., Inc., New York City  200.00
- John Jacob Astor Parent-Teacher Association, Portland  110.00
- Mrs. Jennie L. Mainwaring, Salem  110.00
- U. S. Dept. of Health, Education, and Welfare, Washington, D.C.  1,800.00
Meeting #325  
April 27-28, 1964

Mu Phi Epsilon Patroness, Eugene  
$ 125.00

The Carpenter Foundation through School District  
No. 6, Central Point  
$ 200.02

Milton-Freewater Education Association  
100.00

The South Santiam Educational and Research Project  
through the Oregon State University Foundation,  
Corvallis  
834.00

African-American Institute, New York City  
2,914.15

Max Tucker Estate, Portland  
668.00

American Legion, Department of Oregon, Portland  
100.00

Institute of International Education, New York City  
110.00

Agency for International Development,  
Washington, D.C.  
1,610.00

Crown Zellerbach Foundation, San Francisco,  
California  
2,000.00

The National Foundation, Lane County Chapter  
of the March of Dimes, Eugene  
500.00

The Rockefeller Foundation, New York City  
110.00

Oregon State Elks Association, Madras  
431.25

Estate of William W. Stout  
825.76

Wright-Patterson Air Force Base, Ohio  
110.00

Lillian S. Stelle, Eugene  
155.00

Mr. and Mrs. John H. Byard and Lance Byard,  
Eugene  
100.00

Portland Rose Festival Association  
330.00

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Education in Family Finance

Grant of $5,000 from Education in Family Finance, New York City,  
for the Program for Education in Family Finance, January 1 through  
December 31, 1964, under the direction of Dr. Hugh B. Wood, Professor  
of Education.

The Ford Foundation

Grant of $132,000 from The Ford Foundation, New York City, "for a  
comparative study of the politics of seven of the smaller European  
democracies," for a three and one-half year period beginning March 1,  
1964, under the direction of Dr. Val R. Lorwin, Professor of History.

Housing and Home Finance Agency

Grants totaling $94,920 from the Housing and Home Finance Agency to  
the Bureau of Municipal Research to provide for additional planning  
work in Hood River and Lincoln Counties and initial planning work in  
the City of Gresham, and to provide for matching funds to meet the  
demands of cities and counties on the staff of the Bureau of  
Municipal Research for general planning information and advice.  
The funds are to be provided from the following sources:

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing and Home Finance Agency</td>
<td>$ 65,480.00</td>
</tr>
<tr>
<td>Local funds from the municipalities</td>
<td>$ 9,200.00</td>
</tr>
<tr>
<td>Services</td>
<td>$ 20,240.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 94,920.00</strong></td>
</tr>
</tbody>
</table>

U. S. Office of Education

Grant of $134,823 from the U. S. Office of Education "For support  
of secondary school teachers of French who will be attending the  
Summer Institute in France, Summer 1964," December 4, 1963, through  
October 31, 1964, under the direction of Dr. David M. Dougherty,  
Head of the Department of Foreign Languages.
Grants totaling $96,200 from the National Science Foundation, Washington, D.C., for research and training programs as follows:

1. $31,500 - "Undergraduate Science Education Program," for the summer of 1964 and the 1964-65 academic year, under the direction of Dr. Edward Novitski, Professor of Biology.

2. $34,800 - "Bilingualism in Culture Contact," for a two-year period beginning March 11, 1964, under the direction of Dr. Theodore Stern, Associate Professor of Anthropology.

3. $18,900 - "An Undergraduate Science Education Program," April 1, 1964, through August 31, 1965, under the direction of Dr. LeRoy H. Klemm, Professor of Chemistry.

4. $11,000 - "Photometry of Eclipsing Binaries," February 15, 1964, through February 14, 1965, under the direction of Dr. E. G. Ebbighausen, Professor of Physics.

A five-year contract has been executed with the Office of Education of the Department of Health, Education, and Welfare of the Federal Government on a cost reimbursement basis for a five-year period for the establishment of a center which will conduct research pertaining to "The Social Context of School Organization and Education Administration," under the direction of Dr. Roland J. Pellegrin, Director, Institute for Community Studies. The estimated amount of federal funds to be provided during the period, effective April 1, 1964, through March 31, 1969, will total $2,500,171. The financial support by the federal government for the program for the first year is estimated to be $508,769 and will be performed by a staff equivalent to 39 full-time persons.

Grant of $36,217 from the Office of Vocational Rehabilitation "For Rehabilitation Counseling - Teaching Grant and Traineeships in Interdisciplinary Functioning," September 1, 1963, through August 31, 1964, under the direction of Dr. Martin H. Acker, Assistant Professor of Education.

Grant of $3,686 from the Oregon State Board of Control for research entitled, "Survey of Attitudes and Perceptions of Professional and Governmental Agencies and Persons Towards Current and Future Division of Labor and Responsibility for Providing Mental Health Services," October 1, 1963, through June 30, 1964, under the direction of Dr. Robert I. Mendelsohn, Instructor, Department of Political Science.

Gift of $2,000 from the University of Oregon Dads' Club, Portland, to provide reserve funds for the United Student Aid Funds, Inc., Program, under the direction of Mr. J. O. Lindstrom, Director of Fiscal Affairs.

Gift of $14,111.11 from the estate of Joseph K. Starr, representing the income from October 15, 1962, to October 15, 1963, from the Starr bequest. The income is to be under the direction of Mr. Howard L. Ramey, Director of Financial Aids.
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William S. Walton Charitable Trust  
Gift of $1,800 from the William S. Walton Charitable Trust, Salem, Oregon, to be used toward the cost of publication by the University of Oregon of a book by Professor O. K. Burrell entitled, "Gold in the Woodpile: An Informal History of Banking in Oregon," 1963-64, under the direction of Mr. George N. Belknap, University Editor.

U. S. Public Health Service  
Grants totaling $91,041 from the U. S. Public Health Service for research as follows:

1. $18,509 - "Reactions of Terminal Nucleotides of Ribonucleic Acid," April 1 through May 31, 1964, under the direction of Dr. Edward Herbert, Associate Professor of Chemistry.

2. $9,054 - "Fetal Resorption Studies in Golden Hamsters," April 1, 1964, through March 31, 1965, under the direction of Dr. A. L. Soderwall, Professor, Department of Biology.

3. $39,868 - "Interactions of Nucleotides and Proteins," April 1, 1964, through March 31, 1965, under the direction of Dr. John A. Schellman, Associate Professor of Chemistry.

4. $23,610 - "Excitation-Contraction Coupling in Muscle," May 1, 1964, through April 30, 1965, under the direction of Dr. Graham Hoyle, Professor of Biology.

Gifts to the Library:

Dr. E. Brown  
Collection of art and architecture volumes and some in more general fields such as travel and history from Dr. Eyler Brown, Eugene. The collection is valued at $200.

Mrs. C. Butcher  
A collection of books by and about Theodore Dreiser, valued at $100, from Mrs. Chester Butcher, Gresham.

Hawaiian Mission Children's Society  
A file of The Friend, 1869-1885, valued at $390. The gift is excellently preserved and particularly valuable as a historical record of early missionary narratives of travel and life in the Sandwich Islands.

Mr. P. R. Hines  
A collection of journals and books, valued at $400, from Mr. P.R. Hines, Portland. The collection reflects primarily Mr. Hines' background as a mining engineer and also contains a number of substantial literary and historical works.

Miss Vivian Kellem  
A collection of books from Miss Vivian Kellem's conservative political science and economics library, valued at $300. Miss Kellem is a University of Oregon alumna, has been active in governmental economic reform and has written several books on the subject.

Dr. J. A. Kieffer  
Gift of his working papers of the Second Hoover Commission by Dr. Jarold A. Kieffer, Eugene, including thirteen loose-leaf and two bound volumes of processed and typescript material. The gift is valued at $150.
Dr. R. F. Lane  
File of Publishers Weekly from 1886 to date from Dr. Robert F. Lane, Copague, Long Island, New York. The gift is valued at $510 and is a relatively complete file which has added substantially to the library's holdings.

Senator M. B. Neuberger  
Richard L. Neuberger material, valued at $700, from Senator Maurine B. Neuberger, Washington, D.C., which includes scrapbooks, film and tape recordings.

E. G. Robbins  
Books, valued at $850, from Professor Edwin G. Robbins of the University of Southern California, covering many subjects.

Q. Stanley  
Collection of technical and domestic journals, valued at $225, from Mr. Orrin Stanley, Portland. The journals were published between 1885 and 1920.

Gifts to the Museum of Art:

G. Ogawa  
Two Kakemona, valued at $60 each, from Mr. Gaboku Ogawa, Tokyo, Japan, entitled "Climbing Men" and "Friends."

Mr. and Mrs. A. Edward Colcord  
A Japanese painting, valued at $4,800, by an unknown artist of the Early Edo Period from Mr. and Mrs. A. Edward Colcord, San Mateo, California. The painting is a folding screen in gouache and gold leaf on paper, mounted on silk.

University of Oregon Dental School

Dental Association Auxiliary  
Gift of $200 from the Women's Auxiliary of the Oregon State Dental Association to increase the Grace Cole Memorial Student Loan Fund.

U. S. Public Health Service  
Grant of $36,545 from the U. S. Public Health Service, in continued support of research entitled, "Gingival Collagen Metabolism in Guinea Pigs, Rats and Swine," May 1, 1964, through April 30, 1965, under the direction of Dr. C. K. Claycomb, Head of the Department of Biochemistry.

University of Oregon Medical School

Atomic Energy Commission  
Grant of $15,194 from the Atomic Energy Commission, Richland Operations Office, Richland, Washington, for research entitled, "Intracellular Pickup of Radioactive Phosphorus by Prostatic Epithelial Cells," January 1 through December 31, 1964, under the direction of Dr. Clarence V. Hodges, Professor and Head of the Urology Division.

Carpenter Foundation  
Gift of $100 from the Carpenter Foundation, Medford, to provide a scholarship for a designated student.
<table>
<thead>
<tr>
<th>Meeting #325</th>
<th>April 27-28, 1964</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elks Lodges</strong></td>
<td>Gifts of the following equipment, with a total value of $4,096, from various branches of the Elks Lodge in continued support of the Children's Eye Clinic under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology:</td>
</tr>
<tr>
<td>Elks Lodge No. 1869, Condon, in memory of Robert W. Bailey - Reading Eye Camera</td>
<td>$ 670.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1507, Hood River - B &amp; L School Vision Tester</td>
<td>199.50</td>
</tr>
<tr>
<td>Elks Lodge No. 1690, Ontario - Clay Adams View Box for 2 x 2 slides</td>
<td>67.50</td>
</tr>
<tr>
<td>Women of Elks No. 1189, Oregon City - Accessories for Ortholux Microscope</td>
<td>1,796.00</td>
</tr>
<tr>
<td>Elks Lodge No. 288, Pendleton - Accessories for Leitz Research Microscope</td>
<td>335.00</td>
</tr>
<tr>
<td>Oregon State Elks Association - B &amp; L Applanation Tonometer</td>
<td>262.50</td>
</tr>
<tr>
<td>Elks Lodge No. 142, Portland - Instrument Cabinet</td>
<td>286.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1437, Tillamook - B &amp; L Projector with screen and slides</td>
<td>229.50</td>
</tr>
<tr>
<td>Belles of Beaverton Elks Lodge No. 1989 - Keeler Indirect Ophthalmoscope</td>
<td>250.00</td>
</tr>
<tr>
<td><strong>Robert H. Ellis</strong></td>
<td>Bequest of 300 shares of Crown Zellerbach stock, valued at $16,200, from the estate of Robert H. Ellis, deceased, to be divided equally among the departments of Medicine, Urology and Obstetrics and Gynecology with no restrictions as to expenditures.</td>
</tr>
<tr>
<td><strong>Helen H. Hill Estate</strong></td>
<td>Grant of $2,923.74 from the Estate of Helen H. Hill, deceased, for the unrestricted use of Doernbecher Hospital.</td>
</tr>
<tr>
<td><strong>Mrs. Jeanette Lawrence</strong></td>
<td>Gift of a wheelchair, valued at approximately $100 to 13 A, from Mrs. Jeanette Lawrence, Salem. This gift is in memory of her husband, Darrell L. Lawrence.</td>
</tr>
<tr>
<td><strong>Life Insurance Medical Research Fund</strong></td>
<td>Grant of $11,000 from the Life Insurance Medical Research Fund, Rosemont, Pennsylvania, in support of research entitled, &quot;The Function and Metabolism of Blood Vessels as Connective Tissue,&quot; July 1, 1964, through June 30, 1965, under the direction of Dr. David S. Jackson, Department of Surgery.</td>
</tr>
<tr>
<td><strong>National Cystic Fibrosis Research Foundation</strong></td>
<td>Grant of $19,275 from the National Cystic Fibrosis Research Foundation, New York City, in further support of a &quot;Cystic Fibrosis Center Program for Care, Research and Teaching,&quot; March 1, 1964, through February 28, 1965, under the direction of Dr. Richard W. Olmsted, Chairman of the Pediatrics Department.</td>
</tr>
<tr>
<td><strong>The National Foundation</strong></td>
<td>Grant of $34,991 from The National Foundation, New York City, in support of a &quot;Special Treatment Center for Arthritis,&quot; January 1 through December 31, 1964, under the direction of Dr. Daniel M. Bachman, Associate Professor and Head of the Rheumatology Division, and Dr. Richard W. Olmsted.</td>
</tr>
</tbody>
</table>
Gift of $150 from New Eyes for the Needy, Inc., Short Hills, New Jersey, for "the purchase of glasses and artificial eyes for patients being treated in the Eye Clinic of the University of Oregon Medical School," under the direction of Dr. Charles N. Holman, Medical Director.

Gift of $230 from the Portland Grade Teachers Association for the "purchase of one Suction Machine and one Sigmoid-O-Scope," under the direction of Dr. Charles N. Holman, Medical Director.

Grant of $2,483.92 from the Estate of Rudolph Wasmer, deceased, for "the unrestricted use of Doernbecher Memorial Hospital for Children," under the direction of Dr. Holman.

Grants totaling $233,955 from the U. S. Public Health Service, for research as follows:

1. $131,760 - "Tissue Culture, Hemolysis, and Metabolism in Leukemia," April 1, 1964, through March 31, 1965, under the direction of Dr. Edwin E. Osgood, Head, Division of Experimental Medicine.

2. $4,604 - "Susceptibility to Environmental Carcinogens," January 1 through August 1, 1964, under the direction of Dr. Westley A. Horton, Professor of Biochemistry, Environmental Medicine.

3. $24,291 - "Chemo and Radiotherapy in Bladder Carcinoma," February 1 through June 30, 1964, under the direction of Dr. Clarence V. Hodges, Professor of Urology.

4. $10,177 - "Human Interaction in the Interview Situation," January 1 through August 31, 1964, under the direction of Dr. George Saslow, Professor and Chairman of the Department of Psychiatry.

5. $19,110 - "Some Influences of Oxygen Upon Tumor Virulence," April 1, 1964, through March 31, 1965, under the direction of Dr. Howard J. Tatum, Professor in Obstetrics.

6. $31,873 - "Study of Grafts and Implants of Collagen," May 1, 1964, through April 30, 1965, under the direction of Dr. Willia W. Krippaehne, Associate Professor of Surgery.

7. $11,723 - "The Development of a Resin Artificial Kidney," May 1, 1964, through April 30, 1965, under the direction of Dr. Clarence V. Hodges, Professor of Urology.

Portland State College

Scholarships & Fellowships

Gifts and grants totaling $1,403.50 from the following donors for scholarships and fellowships:

- Mrs. Alice A. Matthiessen, Portland $110.00
- Mr. & Mrs. Dean A. Vail, Vancouver, Washington 300.00
- United Scholarship Service, Denver, Colorado 118.00
- Calvin Souther, Portland 200.00
- Elks Lodge No. 1189, Oregon City 400.00
- Portland Rose Festival Association 275.50

Lents Lodge #156, A.F. & A.M.

Gift of $500 from Lents Lodge #156, A.F. & A.M., Portland, for unrestricted aid to needy students. This gift provides aid to students which is not a loan but "a gift to the student that may be returned."

Mrs. E. Simon

Gift of 183 books, valued at $110.50 from Mrs. Emi Simon, Portland.

PSC Mothers’ Club

Gift of $400 from Portland State College Mothers’ Club, as a contribution to the PSC Student Loan Fund.

National Science Foundation

Grants totaling $51,505 from the National Science Foundation, Washington, D.C., for research and training as follows:


2. $11,105 - "Cooperative College-School Science Program," December 13, 1963, through October 31, 1964, under the direction of Dr. Erwin Lange.

Oregon College of Education

Scholarships & Fellowships

Gifts totaling $2,120.32 from the following donors for scholarships and fellowships:

- American Legion Auxiliary, Dundee $100.00
- The Carpenter Foundation through School District No. 6, Central Point 133.34
- Lions Club, Coquille 100.00
- National Honor Society, Diamond S Chapter, Scappoose 170.00
- Oregon Conference of the United Church of Christ, Portland 250.00
- Oregon State Employees Association, Salem 266.65
- Pepsi-Cola Bottling Company, Salem 100.00
- Scio Classroom Teachers Association 100.00
- Sherman County Scholarship Association, Moro 133.33
- South Santiam Educational & Research Project through the Oregon State University Foundation, Corvallis 267.00
- Georgia Pacific Foundation, Portland 500.00
Meeting #325  

April 27-28, 1964

U.S. Dept. of Health, Education & Welfare

Grants totaling $56,468 from the U. S. Department of Health, Education, and Welfare, Washington, D.C., for research as follows:

1. $43,320 - "Classroom Simulation - Further Studies on Dimensions of Realism," January 2, 1964, through January 3, 1966, under the direction of Dr. Bert Y. Kersh, Professor of Educational Research.

2. $4,200 - "The Effectiveness of Motion Pictures in Changing Attitudes," January 1 through August 31, 1964, under the direction of Mr. Howard J. Sullivan.

3. $8,948 - "Motion Pictures as Test Stimuli: An Application of New Media to the Prediction of Complex Behavior," September 1, 1962, through August 31, 1964, under the direction of Dr. James H. Beaird, Assistant Professor of Educational Research.

Eastern Oregon College

Scholarships & Fellowships

Gifts totaling $976 from the following donors for scholarships and fellowships:

- Fraternal Order of Eagles, La Grande $ 250.00
- Globe Furniture Co., La Grande 132.00
- Joseph Parent-Teacher Association 200.00
- Mrs. Rice R. McHaley, La Grande 100.00
- Mr. Joe Dewhoss, Union 294.00

Blue Mountain Lanes

Gift of $100 from Blue Mountain Lanes, La Grande, to apply to matching money for USAF loan funds.

Dr. & Mrs. A. J. Roth

Gift of $250 from Dr. and Mrs. A. J. Roth, La Grande, to apply to matching money for USAF loan funds.

Oregon Technical Institute

Clark Equipment Company

Gift of a R300FS-5 powershift transmission and a C404-2 torque converter, valued at $3,000, from Clark Equipment Co., Jackson, Michigan. This instructional material will be used in the Heavy Duty Chassis Laboratory of the Auto-Diesel Division.

Hamilton Engine Sales, Inc.

Gift of one CV-400 transmission, valued at $1,100, from Hamilton Engine Sales, Inc., Portland, for instruction and classroom demonstration in the Auto-Diesel area.

U.S. Dept. of Health, Education & Welfare

Division of Continuing Education

Scholarships & Fellowships
Gifts totaling $2,081.50 from the following donors for scholarships and fellowships for teachers to attend Conservation Workshops:

- Crown Zellerbach Foundation, San Francisco, California $900.00
- Georgia-Pacific Foundation, Portland 200.00
- Harvey Aluminum, Inc., The Dalles 181.50
- Weyerhaeuser Company, Tacoma, Washington 800.00

U. S. Office of Civil Defense

Establishment of Institutes in Genetics, Nutrition and Nuclear Science & Engineering, OSU
President Jensen reports that there has been an increasing need at Oregon State University for developing mechanisms to coordinate the interdepartmental or interdisciplinary curricula as well as research programs. After considering various means of accomplishing such coordination, President Jensen has recommended the formation of institutes such as the Water Resources Research Institute and the Transportation Research Institute which were organized within the past three years at Oregon State University. He indicated that such institutes usually function with an advisory board or committee with a part-time or full-time executive secretary or director to handle the day-to-day operations. President Jensen further reported that Oregon State University now has three interdisciplinary areas, more or less formally coordinated by committees, that should be officially established and recognized as operating entities. Accordingly, the President recommended the establishment of the following instruction-research institutes:

1. Genetics Institute - to be financed from funds now in the Oregon State University budget level from "seed money" for directed projects which have now been completed or terminated.

2. Nutrition Research Institute - to be financed from funds previously used for dental nutrition research at Oregon State University. The amount budgeted in that project during the current year is $11,640.

3. Institute of Nuclear Science and Engineering - to be financed within the current instructional budget level.

President Jensen indicated that the 1964-65 budget for each institute will not exceed $10,000 to $12,000. It is understood that the details of the budgets for these activities will be presented to the Chancellor at a later date. The Chancellor concurred in the President's recommendations.

The Board approved the recommendations as presented.
The Chancellor presented a brief history of the developments which had led to the study of graduate resources available in the Portland area. He indicated that there had been prepared for consideration by the Board a preliminary report which indicated the basic assumptions and a general outline for extending graduate study in the Portland area. It was intended that this report would provide the basis for the detailed plan and proposed budget to be developed for presentation to the 1965 Legislature in response to HJR 8 passed by the 1963 Legislature. The detailed plan will be presented to the Board at a later time. The Chancellor requested Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, to present the preliminary report. In his introductory remarks, Dr. Romney stated that for many years—even before the organization of the Coordinating Council—there had been State System graduate study programs in the Portland area made available primarily by the two major State System institutions through the Division of Continuing Education and that it was now possible to obtain graduate degrees in a number of fields without the necessity of leaving the Portland area to fulfill residence requirements at a campus institution. He emphasized that the following plan represented continuation and expansion of opportunities already available in the Portland area:

A PLAN FOR EXTENDING GRADUATE STUDY AND RESEARCH OPPORTUNITIES IN THE PORTLAND AREA

Senate Joint Resolution 8, enacted by the 1963 legislative assembly, provides that the State Board of Higher Education shall:

1. Establish a quality program of graduate education in the arts and sciences in the Portland metropolitan area; and

2. Complete plans for such a program so that appropriate budgetary requests may be made for the 1965-1967 biennium.

This present report is in the nature of a preliminary statement of a proposal that would provide the first steps toward the creation of such a graduate program.

Basic Assumptions

The validity of any proposal depends upon the soundness of the basic assumptions upon which it rests. This being true, the assumptions upon which this present proposal rests are here explicitly stated that the reader may judge for himself their validity and the wisdom of the plan which has been erected upon them.

1. Research is essential to high-quality graduate education. In graduate education, instruction and research are inseparable. The whole spirit of graduate education implies research. Two of the principal obligations of graduate education rest solidly upon a research foundation.

   a. The extension of the bounds of knowledge through research.

   b. The production of qualified researchers to meet the insatiable demands of higher education, government, business, and industry, for such personnel.
One cannot speak rationally of being for high-quality graduate education in Oregon but against adequate support for research. To suppose that high-quality graduate education can exist in the absence of adequate support for research is to suppose what never has been and what never will be.

2. **Research is a high-cost, high-yield investment.** High-quality graduate education, with its heavy emphasis on research, is necessarily high-cost education. It is also a high-yield investment.

As research is essential to high-quality instructional programs, so it is indispensable to the continuing economic and social well-being of our state and nation. Who can place a value on the polio vaccines? Or upon the contributions being made in our biochemistry laboratories toward the conquering of cancer? Or the research into the causes and correction of heart defects in man? Or research's contribution to economic man?

If Oregon would be a center of educational strength and technological power, we must be prepared to encourage our institutions of higher learning in their work at the boundaries of knowledge. If those who are capable of advancing knowledge are supported only in their teaching and training of others, research will suffer. So, too, inevitably, will teaching and training, which make it possible to produce and retain the men and women of advanced education important to the new technology from which the wealth and power of the future are likely to flow.

One cannot speak in any meaningful sense of being for a high quality of research in our graduate institutions and at the same time of being against spending what it costs to compete in the academic market for the productive teacher-scholars who are everywhere in demand, or of being against providing such teacher-scholars, once employed, with the kinds of resources which make their efforts productive.

3. **Maintenance of high-quality graduate education in Oregon is at present possible only under a system of curricular allocations administered by the State Board of Higher Education.** Oregon's economic resources are not unlimited. If Oregon would make available to qualified students access to high-quality graduate programs, it must avoid wise, unnecessary and costly duplication of programs in the institutions of the State System. The State must effectively concentrate its limited resources in the development of at least one truly high-quality program in a given professional or graduate field, in lieu of several anemic deficient programs.

In high-cost professional, semi-professional or graduate areas requiring costly equipment, high-cost faculty and/or unique building facilities, a single institution should be given responsibility for the development of a program of excellence in any one area. Such institutional specialization is the only avenue open to the State for achieving the development of high-quality graduate work within the State's means. A second institution should be authorized to offer a program in one of these fields only when a **bona fide State need** for a second program can be demonstrated, and only when funds are available to support a second high-quality program without denying the existing program the resources it needs to maintain a high standard of excellence.
4. It is to the State's advantage to capitalize on its present investment in the existing specialized high-cost professional and advanced graduate programs at State System institutions. The position taken by the Governor's Special Advisory Committee on Education, in its report to the Governor in 1962, seems an eminently sound one. Composed of representatives of business and industry most vitally interested in Portland's future, and of representatives of public and privately-supported higher education in Oregon, the committee had this to say:

"The committee feels obligated to underscore its strong belief that the first task of the state and its citizens is to provide for the full development of existing colleges and universities. That potential development, in every quantitative and qualitative sense, is far greater than has yet been realized. No important diversion to new institutions in the way of talent, manpower, energy or funds from present institutional missions and commitments, for both the public and private colleges and universities, can be justified. Significant increases in support from private benefactions and from tax sources both state and national are clearly required. Only by such actions can the state expect to nourish great colleges and universities.

"... The first task is to capitalize on the investment of years in the development of present colleges and universities. Through this approach is the surest route to improvement in advanced study and research at collegiate and higher levels. On this point the committee wishes to be recorded as clearly as possible."

There are many indications, which space will not permit detailing in this report, that selected State System graduate programs have already attained renown in the United States for their achievements. Two indications of this increasing stature of our research programs may be seen in (1) the accumulated evidence presented in State System publications on research in progress, (Research in Oregon) of the great contributions that graduate research in the State has made and is making to many aspects of the personal, social and economic life of the people of Oregon and the nation, and (2) the extent to which the excellence of our research programs is being recognized in research grants from the Federal government and other sources. Illustrative of this latter point is the fact that in the biennial period 1961-1963 the State System received almost $20 million in research grants, largely from the Federal government. This was almost double the $10.5 million received in the preceding biennial period (1959-1961). The foregoing sums are not large, but they are not insignificant and, more important, they are growing, as the State System's capacities for effective research are becoming widely recognized throughout the nation.

The assumption underscored above relates to an issue raised by the Portland City Club's report (May, 1963) entitled Graduate Education and Research Facilities for Metropolitan Portland. The report's recommendations provide for:

a. Immediate authorization for Portland State College to add "such graduate courses as present faculty members are qualified to offer without extensive and expensive facilities"; the establishment in Portland of a "first-rank university . . . with full graduate curricula";

b. A privately-supported center for advanced study and research; and

c. One or more industrial research institutes "that will translate new scientific knowledge into the products of industry."
The aim: to make the transition in Oregon from an economy based primarily on timber and agriculture to one more oriented to the "science-based" industries.

From the context in which the term "science-based" is used, it seems apparent that the City Club report excludes from that appellation industries based on scientific research in the fields of agriculture and forestry, although these industries are Oregon's two largest.

"... Sometimes I wonder," commented President Jensen of OSU, speaking recently before the City Club, "just what the term science-based really means to different people. Some of us probably associate it primarily with electronics, scientific instruments and missiles. But how about the vast possibilities for chemical utilization of wood and bark left-overs in our forests or quick dry freezing of our fruits and vegetables or the development of superior processing, packing and marketing methods of sea foods, including bottom fish, or the continual development of our rare metals industries? Are these science-based industries, too?"

President Jensen's question implies a concern that is felt in several quarters. A concern lest in the enthusiastic and laudable efforts to provide for graduate research resources in Portland attractive to the new-type industry, we ignore the fact that continuing heavy investments in research will be required in our existing research programs, if Oregon is to remain in the forefront in these areas.

5. The State cannot, within its present resources, continue adequate support of the specialized high-cost professional and advanced graduate programs at the two major graduate institutions and at the same time undertake the crash development of an extensive series of high-cost graduate programs at Portland State College. This is not to suggest that Portland State College will not in due season, and over a period of time, have allocated to it by the State Board a substantial quota of graduate programs. It will. But the already heavy commitment to graduate study at existing graduate institutions, and the State's presently limited economic capacity, suggest that Portland State's development must be evolutionary in character.

6. The administration and staff of Portland State College recognizes the necessary limitations which the youthful status of the College imposes upon the roles the College can presently play in graduate education. The Board's adherence to a reasoned, rational approach to the development of graduate research and study in Oregon is encouraged by the fact that the administration of Portland State College has consistently demonstrated responsible leadership by its insistence upon building soundly at the undergraduate level as a potential base for future graduate programs. A tough-fibered insistence upon an orderly unhurried program of planned development for Portland State College will, in the long haul, best serve the interests of the people of Oregon, and of PSC as well.

7. No single State System institution in being or which can at this time be created can meet the total graduate research and study needs of the Portland area. The optimum development of the State System graduate research and study resources to serve the Portland area needs will require an integrated State System program drawing upon whatever of the System's resources can be brought to bear upon the needs of the Portland area. This will require an assessment of the resources that are or may be made available through: (a) Portland-based units of the State System (PSC, Medical School-and its affiliate, the
Primate Center, Dental School and the Portland Continuation Center), (b) the several other campuses of the State System, and (c) any other institution or agency which may be created by the State System to serve the needs of the Portland area.

8. The integrated State System plan for expansion of graduate research and study opportunities in the Portland area should be viewed as complementary to resources developed by the privately-supported institutions and agencies (including the Oregon Center for Graduate Study and Research, when it is established) to serve the same purposes. The State System program is not intended to supplant or to be supplanted by privately-supported graduate research and study resources.

9. However restricted or extensive may be the graduate education program which is finally proposed to meet the requirements of SJ Resolution 8, it must, above all, be a quality program. For, in the carefully chosen wording of the legislative mandate, the State Board is required to establish in Portland a "quality program of graduate education in the arts and sciences" (emphasis added). The legislature, like the Board, obviously wants no rag-tag, bargain-basement program. The choice is between a more extensive but mediocre program of graduate education, and a less extensive, but high-quality program, is obvious.

10. The specific curricular areas to be included in the graduate education program in Portland in the 1965-1967 biennium should be selected in terms of the following criterion questions:

   a. In what fields is it practicable or possible to offer, in the next biennium in Portland, quality graduate work, whether through combined State System resources or under one of the State System institutions, such as OSU, U of O, UOMS, UODS, or PSC?

   b. In what curricular fields is there the greatest demand for service in Portland?

   c. In what curricular areas is there the greatest possibility of building bridges from graduate research and study to applied research, technological development, and commercial exploitation?

   d. In what curricular fields would a State System graduate education program most usefully complement the graduate study and research opportunities afforded by privately-supported institutions and agencies?

11. In considering through which institution or combination of institutions specific graduate education programs should be offered in Portland in the 1965-1967 biennium, the following criterion questions should serve as guides:

   a. Through which institution or combination of institutions and agencies can the program be offered with the greatest assurance of a quality program?

   b. Through what auspices and in what way can the State System get the largest return for its educational dollar, the Board's criteria being efficiency, economy, and improved state service?
c. Under what auspices can the program be offered so as to insure a high-quality program and at the same time insure that the added increments of cost which the program will entail will serve a dual function of: (1) providing service to the State, and (2) shoring up the capacity of the participating institution or institutions to provide quality undergraduate and/or graduate work in related fields.

12. In the long-range view, the full development of Portland State College as a center of graduate work in a wide range of curricular fields is envisioned by the Board. This development cannot, and ought not, for the good of Portland State College, to be precipitate. Rather it must be evolutionary, proceeding in an ordered, systematic, sequential fashion, as follows:

a. First, the development of sound, high-quality undergraduate programs, accredited by the appropriate agencies;

b. Then the development of master's degree programs in a limited number of selected curricular fields where faculty strength and library and other resources give hope that a high-quality program can be supported;

c. The gradual expansion of the number of curricular fields in which master's degree programs are offered;

d. And, finally, in a long-ranging future, the eventual development of one or more doctoral programs in a limited number of carefully selected fields.

13. In the 1965-1967 biennial period, and for several such periods following, principal emphasis in the development of Portland State College as a member of the State System family of institutions ought to be directed to:

a. Strengthening of undergraduate programs through selective upbuilding of staff and library and other resources requisite to the support of high-quality master's programs;

b. Identification of those curricular fields at Portland State College which are most nearly capable of supporting graduate work at the master's level, and the development of master's programs in one or more curricular areas of greatest strength;

c. Cooperating with other State System institutions which offer graduate programs in Portland in curricular areas in which Portland State College is not presently qualified to offer a graduate degree program. Such PSC cooperation would take the form of qualified PSC staff members teaching some courses in these programs where both PSC and the institution offering the program find it agreeable.

14. The staff of Portland State College should actively participate with the Board's Office in considering: (a) how best to strengthen the undergraduate programs at Portland State College in creating the underpinning for possible future graduate programs, and (b) which curricular areas are or can be best equipped, in terms of staff and facilities, to support a strong graduate program at Portland State College. Feeling strongly the need for such cooperative planning, the Board's Office asked President Millar in 1963 to undertake a study, with his staff, looking toward the development of a statement of their views on the foregoing matters, and looking ahead for five to ten years. The plan for expanding graduate research and study opportunities
in Portland which is presented in this present report benefits from the PSC staff recommendations.

15. As the Portland State College capacity for offering graduate programs of high-quality increases, the State System will need periodically to reassess the nature of the roles to be played by PSC and other State System institutions in providing graduate instruction to meet Portland needs.

16. If "off-campus" graduate degree programs are to be offered on a relatively permanent basis in Portland by State System institutions, either individually or jointly with other institutions of the System, they must be supported by the State on a level reasonably comparable to that of the campus degree programs. Selected master's degree programs are currently being offered in Portland through the Division of Continuing Education, which is required to operate on a 90 percent self-support basis. It is not practicable to operate continuing relatively permanent graduate degree programs, including the requisite research, in such fields as engineering, on any such basis.

In the discussion which took place at this point, it was indicated that details of the program, based upon the foregoing assumptions are in process of development. In response to a question from the Board as to whether the resources of the private institutions might be used in the program proposed by the State System, Dr. Romney responded that the specialized resources of business and industry and of private institutions would be utilized wherever such resources were appropriate and available.

Board members asked how the graduate study needs of the Portland area were to be identified, particularly in view of the interest expressed in the potential offerings of the program by many different groups. It was stated by Dr. Romney that programs proposed by some of these groups were being considered. Also, during the past several months a study has been conducted by the Advisory Committee for Graduate Engineering in Portland, using interview and questionnaire instruments developed for the study by representatives of Oregon State University, the Division of Continuing Education, and the Board's Office. The study, just completed, seeks to identify the kinds of degree-oriented and non-degree-oriented programs of instruction which the major businesses, industries, and governmental agencies employing engineers and scientists wish to have offered for their employees. The study seeks also to ascertain the nature of the programs which are of interest to the engineers and scientists in these companies, and presumably to such other engineers and scientists as are working in the Portland area.

It was also observed that definition of need, in this instance, is very difficult. The largest enrollments in graduate work offered in Portland through the Division of Continuing Education are currently in education and business administration. President Miller called attention to several needs in graduate education which have not been emphasized by the groups interested in the development of graduate education in Portland. These included business administration, teacher education, humanities and other cultural subjects, behavioral science, government and public health, all of which are important in a metropolitan area.
Institutional executives expressed approval of the assumptions presented in the foregoing statement. They observed that the assumptions provide a sound base for the development of a cooperative plan for providing more fully for the graduate study and research needs of Portland. They stressed the fact that the development of graduate resources and programs in Portland, however it is accomplished, will require time and substantial resources.

At the conclusion of the discussion, Director Merrifield called attention to the limited facilities available at Portland State College to provide undergraduate education for an increasing number of students. He expressed the opinion that undergraduate education at Portland State College should be supported adequately before extensive graduate facilities are developed. He pointed out that more people will be educating their children at the lower levels than will be educated in a graduate program.

The Board approved the basic assumptions as indicated in the above report, and Dr. Romney then presented the following general plan for the development of additional graduate study and research resources in Portland:

A Plan for Graduate Study and Research Resources in the Portland Area

The plan here proposed for bringing State System resources to bear in meeting more fully the needs of the Portland area for graduate study and research opportunities envisions the following: (1) the full use of the existing State System resources in the Portland area, with special attention to their further development and improvement, (2) the establishment of a special Center in Portland to provide a locus for graduate resources to be brought together in those fields selected for special development at this juncture, (3) continued service of some needs through the Division of Continuing Education.

The Existing Resources

Medical School

The Medical School will continue to offer programs leading toward the Master of Science and Ph.D. degrees in the following seven fields: anatomy, bacteriology, biochemistry, pathology, pharmacology, physiology and medical psychology.

The resources of the Primate Center provide a very likely tie-in with programs in the health sciences, psychology and related fields. Such a tie-in is under investigation. A program leading to a Master of Science in Bioengineering, uniting the resources of the Primate Center and Oregon State University, was planned and advertised briefly. The changes in the Primate Center have delayed the inauguration of this program, but since it was once approved, it is likely that it can be re-instituted.

The School of Nursing offers a program leading to a degree of Master of Science in Nursing.

Dental School

Graduate work leading to the Master of Science is offered at the Dental School for students planning careers in dental education and research. Programs have been arranged in the fields of anatomy, bacteriology, biochemistry, dental materials, oral pathology, pharmacology and physiology.
Portland State College

The graduate degree programs presently offered by Portland State College are: (1) the Master of Social Work, and (2) the Master of Arts and Master of Science in Teaching.

It is proposed that as a part of the plan to provide more fully for graduate education and research opportunities in Portland, steps be taken to provide for:

1. Strengthening of existing undergraduate programs at Portland State College as potential bases for graduate programs. As these bases become adequately strong, they will become potential bases for graduate programs, as the economic resources of the State will permit.

   The identification of the undergraduate areas most in need of strengthening is of course a matter of continuing study by President Millar and his staff.

2. Offering through Portland State College or through the combined efforts of Portland State College and other units of the State System graduate study and research programs in a limited number of selected fields.

   The identification of those curricular areas at Portland State College which are most likely first to be able to support a strong graduate program is one of the continuing concerns both of Portland State College and the Board's Office.

The Development of a Center for Study and Research in Portland

It is proposed to establish a State System Center for Graduate Study and Research in Portland to facilitate placing on a firm footing some of the programs presently available through the Portland Continuation Center, and selected other programs.

There are a number of reasons for proposing the establishment of a Center distinct and separate from the Portland Continuation Center.

1. The Division of Continuing Education, as earlier noted in this report, is required to operate largely on a self-support basis. The offering of a rigorous graduate program of study and research in some fields (e.g. engineering) is not possible on anything but a temporary basis under such support conditions.

2. Programs offered through a Center for Graduate Study and Research under the conditions which it is proposed be established are likely to find greater acceptance than if offered under the Division of Continuing Education where the general image of a self-support program persists both nationally and to some extent within the State.
The center would be established near Portland State College, and possibly, even as a part of the Portland State College complex. Several considerations argue for this location.

1. The Center for Graduate Study and Research will need access to library resources supporting the programs offered. In selected fields there are libraries in Portland that are better than Portland State College's (Reed's in pure science; Tektronix' in electronics; Bonneville Power Administration's in electrical engineering; the Medical School's in the basic biological sciences; the Primate Center's in certain specific areas related to its areas of research). But PSC has the beginnings of what will become, in the years ahead, a good library. PSC's library, augmented by what the establishment of the Center will contribute to its resources, will contribute to, as well as benefit from, the development of a Center for Graduate Study and Research in its vicinity. The resources of other libraries in the Portland area will also be drawn upon.

2. Location of the Center in close proximity to PSC will give the full-time staff members of the Center close contact with confreres in related fields. Such contacts are a vital part of the teacher-scholar's way of life. The ability to offer such association will facilitate the recruitment of personnel for the Center.

3. Moreover, a Center physical facility built as a part of the PSC complex would permit the facility to be incorporated into PSC, should such a move in later years seem desirable. Meanwhile, certain of the physical resources of PSC might be available to the Center staff on an arranged basis.

The Center staff would consist of several categories of personnel:

1. Professors employed by OSU or U of O and resident in Portland as the nucleus for graduate study and research programs offered in Portland by these institutions.

2. Well-qualified part-time personnel recruited from business and industry in the Portland area as instructors and/or resource people. One of the responsibilities of the nucleus personnel referred to above would be to identify in Portland those highly-qualified persons who are to be found in business and industry, who have the academic credentials and other qualifications for participating in study and research programs in an academic community. This would provide for a useful interpenetration between business and industry and the academic community.

3. Professors from OSU and U of O, and other State System institutions who would augment the nucleus staff by travelling from the campuses to Portland to bring to the Center special competencies which at the outset, at least, could not be made available in the Center on a resident basis.

4. Personnel from Portland-based units of the State System (PSC, U of O Medical School, Dental School and Primate Center) and from private institutions who would be invited to participate in some of the activities of the Center as they develop.

The recruitment of highly-qualified staff as the nucleus of the Center will not be easy. The fact that the appointments will be to institutions having well-recognized, fully-accredited campus graduate programs will help. But for many able teacher-scholars the prospect of an appointment to a beginning Center, removed from the campus, where the resources are likely to be, at least at the outset, far less than ideal, is not an appealing one.
Responsibility for the administration of the affairs of the Center should be lodged with a Director, having the rank of Dean, who would be responsible to the Coordinating Council for Graduate Study (of which the Chancellor is chairman.)

The Higher Education Facilities Act of 1963
and the Proposed Center

The development of the proposed Center will permit the State System to seek Federal funds under Title II of the Higher Education Facilities Act of 1963.

Section 201. Appropriations Authorized.

This section of the act establishes a 5-year program of grants "... to assist institutions of higher education to improve existing graduate schools and cooperative graduate centers, and to assist in the establishment of graduate schools and cooperative graduate centers of excellence." It, however, authorizes appropriations only for the first 3 years, i.e., $23 million for the fiscal year ending June 30, 1964, and $60 million each for the fiscal years ending June 30, 1965 and 1966.

The sums appropriated for the fiscal year ending June 30, 1964, will remain available for grants until the close of June 30, 1965.

Section 202. Grants

Subsection (a) provides that grants under this title may be made to institutions of higher education and to cooperative graduate center boards (defined in sec. 401) to help meet the development cost of projects for construction of academic facilities for graduate schools and cooperative graduate centers (defined in sec. 401). Such grants will be made only upon sufficient application to the Commissioner.

Subsection (b) provides that the Federal share under this title shall not exceed 33 1/3 percent of the development cost of any construction project.

Subsection (c) (2) provides that in approving applications the Commissioner shall consider the extent to which projects will contribute to achieving the objectives of this title -- which is to increase the supply of highly qualified personnel critically needed by the community, industry, government, research and teaching -- and also the extent to which the grants will aid in attaining a wider geographical distribution of graduate schools and cooperative graduate centers throughout the United States.

Subsection (d) provides that the amount of payments for projects in any one State made from the appropriation under this title for any fiscal year may not exceed 12 1/2 percent of such appropriation.

In response to questions from the Board, the Chancellor described some of the factors which must be considered in the development of detailed plans for the graduate center, such as physical facilities, staff, academic organization, fulfillment of academic and residence requirements for degrees, and financing. After a discussion, it was the consensus that as the Board presently views its responsibility, the proposed plan represents a basic outline for the development of specific proposals for providing additional graduate education resources in Portland in compliance with the legislative mandate of HJR 8.
The Board approved the plan for graduate study and research resources in the Portland area as presented above, with the understanding that detailed plans will now be developed for Board consideration, based upon the assumptions and the general proposal here included.

At its December 9-10 meeting, the Board adopted a statement of policies and procedures drawn up by the System's Community College Committee. The Community College Committee, chaired by the Vice Chancellor for Academic Affairs, works with the State Department of Education and the presidents of the community colleges to approve transfer credits from these institutions and to facilitate the transfer of students from the community colleges to the four-year institutions of the System.

Since approval of the policy statements, which included a recommended Basic Course List, the Community College Committee has met in separate meetings with Presidents Don P. Pence, Central Oregon College; Wallace McCrae, Blue Mountain Community College; Wendell L. Van Loan, South Western Oregon College; Eugene F. Voris, Treasure Valley Community College; and Dr. Amo DeBernardis, Assistant Superintendent, Portland Public Schools, representing Portland Community College. The meeting with President Pence was held at Bend, giving the Committee opportunity to meet with the entire COC administrative staff and to visit the new Central Oregon campus.

The Committee discussed the aforementioned statement of policies and procedures with the presidents and their administrators, giving particular attention to criteria for instructor approval and the recommended Basic Course List. In the discussions with Blue Mountain Community College, South Western Oregon College, and Treasure Valley Community College, individual consideration was given each course offered or requested which was not on the Basic Course List. Following this course-by-course review, lists of courses based on the recommended course list, but tailored to the individual needs of the respective institutions, were approved for 1964-65. Courses approved for the beginning college-transfer program of Portland Community College were all drawn from the Basic Course List. The Central Oregon College staff is reviewing its entire program and will meet with the Committee to discuss its recommendations relative to college transfer courses at an appropriate time. The Committee hopes to arrange similar discussions with Clatsop College, the sole remaining community college whose college transfer program has not been the subject of recent discussion with the State System Committee on Community Colleges.

The policy statement concerning community colleges adopted by the Board has excited considerable interest in the state. Copies have been made available by the Chancellor's Office to administrative officers and staff members of both the community colleges and System institutions. The Community College and Vocational Education Division of the State Department of Education has distributed more than 50 copies of the document to legislators, community college officials, and other persons interested in community college development, both in districts now operating institutions and those contemplating establishment of community colleges.

The Board accepted the report as presented.
Meeting #325

PRESIDENT'S REPORT
Next Meeting Dates

Institutional Commencement Representatives

The President indicated that he had completed appointments of members to represent the Board at the various institutional commencements and that the institutional executives would be notified of the Board member assigned to their institutions. The commencement dates, together with the appointments, are listed below:

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<tr>
<th>Institution</th>
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<th>Representative</th>
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<tr>
<td>Oregon State University</td>
<td>June 7</td>
<td>Elizabeth H. Johnson</td>
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<td>University of Oregon</td>
<td>June 14</td>
<td>Ray T. Yasui</td>
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<tr>
<td>UO Dental School</td>
<td>June 18</td>
<td>Chas. R. Holloway, Jr.</td>
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<td>UO Medical School</td>
<td>June 12</td>
<td>Philip A. Joss</td>
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<td>UO Nursing School</td>
<td>June 11</td>
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<td>Portland State College</td>
<td>June 14</td>
<td>George Layman</td>
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<td>Oregon College of Education</td>
<td>June 12</td>
<td>R. E. Purvine</td>
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<td>Southern Oregon College</td>
<td>June 7</td>
<td>John W. Snider</td>
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<td>Eastern Oregon College</td>
<td>June 6</td>
<td>J. W. Forrester, Jr.</td>
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<td>Oregon Technical Institute</td>
<td>June 12</td>
<td>Chas. R. Holloway, Jr.</td>
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Governor's Coordinating Council Meeting

Mr. Holloway announced that there would be a meeting of the Governor's Coordinating Council on Higher Education at 3:00 P.M. on April 29 in Salem. He invited interested Board members to attend.

Ballot Measure No. 1

Attention was called to the May 15 primary election and its implications for the future of higher education. President Holloway stated that no definite trend had been identified for or against State Ballot Measure 1 which would provide a $30,000,000 bond issue for buildings for the State System of Higher Education and for community colleges. He appealed to all those interested in the future of higher education to redouble their efforts in telling the story of the needs of higher education, particularly in view of the limited funds available for providing this information to the public. He stated that there was no organized opposition to the measure, but that apathy and ignorance could lead to defeat.

CHANCELLOR'S REPORT

Additional Funds for Yaquina

It was reported that the negotiations to obtain $170,000 of additional federal grant funds to convert the Research Vessel YAQUINA had been successful. The contract for the conversion of the YAQUINA is being executed and is expected to be effective within a few days.

Appointments of W. Burt and T. Scott

At the request of the Chancellor, President Jensen stated that he wished to recommend Dr. Wayne Burt, Head of the Department of Oceanography, be appointed as Director of the Marine Science Laboratory on Yaquina Bay and also to recommend the appointment of Dr. Tom Scott, Head of the Fish and Game Management Department as Co-Director of the Marine Science Laboratory. Dr. Burt will be associated with the field of Oceanography and Marine Biology and Dr. Scott will head the laboratory work in fisheries and water pollution to be carried on in the new Marine Science Laboratory.

The Board approved the recommended appointments.
The Chancellor stated that one of the primary functions of the Board involved the education of undergraduates at the several institutions. He presented the following information showing increases since 1939-40 in the numbers of Oregon high school graduates and in the enrollments of Oregon residents new from high school in the State System institutions since year 1939-40:

**COMPARISON OF OREGON HIGH SCHOOL GRADUATES WITH FIRST-TIME FRESHMEN COMPARING WITH THE EARLIEST DATE FOR WHICH WE HAVE SUFFICIENT DATA, YEAR 1939-40, WITH YEARS 1960-61 THROUGH 1963-64**

<table>
<thead>
<tr>
<th>Year</th>
<th>Reported No. of Oregon Public High School Graduates</th>
<th>Oregon Residents New from High School in All OSSHE Institutions</th>
<th>% New from High School are of High School Graduates</th>
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<tbody>
<tr>
<td>1939-40</td>
<td>9,588</td>
<td>2,501</td>
<td>26.1</td>
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<tr>
<td>1960-61</td>
<td>19,791</td>
<td>5,988</td>
<td>30.3</td>
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<tr>
<td>1961-62</td>
<td>21,261</td>
<td>6,807</td>
<td>32.0</td>
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<tr>
<td>1962-63</td>
<td>20,750</td>
<td>6,665</td>
<td>32.1</td>
</tr>
<tr>
<td>1963-64</td>
<td>20,800</td>
<td>7,137</td>
<td>34.3</td>
</tr>
</tbody>
</table>

As indicated above, from 1939-40 to 1963-64, the number of public high school graduates in Oregon has grown from 9,588 to 20,800, or 217 percent. For the same period, the number of Oregon high school graduates who enrolled in the institutions in the State System increased from 2,501 to 7,137 or 285 percent. These figures also show that the percent of Oregon public high school graduates enrolling in institutions in the State System of Higher Education increased from 26.1 percent in 1939-40 to 34.3 percent in 1963-64. During the period 1960-61 to 1963-64, this percentage has climbed at an average rate of 1.3 percentage points in each of these years, and from evidence available at this time it is probable that this percentage will continue to climb.

**General Policy Decisions**

President Holloway referred to the proposed list of short and long range topics for Board study and consideration and stated that many of these had been discussed in connection with the regular Board business for the April meeting. He also reported that a program of orientation for Board members had been included in the list and that an outline had been prepared and a method of implementation was being developed.

**ADJOURNMENT**

The meeting was adjourned at 11:05 A.M.

Chas. R. Holloway, Jr., President
R. L. Collins, Secretary
<table>
<thead>
<tr>
<th>Organization</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>U.S. Public Health Service</td>
<td>Grant of $29,272 from the U. S. Public Health Service to &quot;conduct a training program in speech and hearing,&quot; July 1, 1964, through June 30, 1965, under the direction of Dr. Robert L. Mulder, Professor of Speech Pathology.</td>
</tr>
<tr>
<td>U.S. Dept. of Health, Education &amp; Welfare</td>
<td>Grant of $85,350 from the U. S. Department of Health, Education and Welfare, for the 1963-64 academic year, to be used for student loans under the direction of Mr. John N. Sparks, Business Manager.</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>Grant of $5,710 from the National Science Foundation, &quot;To conduct an In-Service Institute in Mathematics for Elementary School Personnel,&quot; during the 1964-65 academic year, under the direction of Dr. Ernie L. Cummins, Associate Professor of Physical Sciences and Science Education.</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>Gifts totaling $5,410.74 from the following donors for scholarships and fellowships:</td>
</tr>
<tr>
<td></td>
<td>American Association of University Women, Ashland $175.00</td>
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<tr>
<td></td>
<td>Soroptimist Club of Ashland $390.00</td>
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<tr>
<td></td>
<td>Upsilon Chapter of Beta Sigma Phi, Medford $100.00</td>
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<tr>
<td></td>
<td>Chapter BN, PEO, Ashland $130.00</td>
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<tr>
<td></td>
<td>Delta Kappa Gamma, Grants Pass $300.00</td>
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<td></td>
<td>Victor Mills Awards, Ashland $100.00</td>
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<td></td>
<td>Coquille Lions Club $250.00</td>
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<td></td>
<td>Phelps-Stokes Fund, New York City $600.00</td>
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<td></td>
<td>The Carpenter Foundation, Medford $2,466.74</td>
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<td></td>
<td>Theodore Richards Scholarship, Honolulu $639.00</td>
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<td></td>
<td>Tri Zeta, Southern Oregon College, Central Point $130.00</td>
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<tr>
<td></td>
<td>Lincoln School Parent-Teacher Association, Ashland $130.00</td>
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<tr>
<td>Eastern Oregon College</td>
<td>Gifts totaling $5,067 from the following donors for scholarships and fellowships:</td>
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<tr>
<td></td>
<td>Burton and Miller Vending, La Grande $300.00</td>
</tr>
<tr>
<td></td>
<td>Elks Lodge #338, Baker $900.00</td>
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<tr>
<td></td>
<td>Delta Kappa Gamma, Zeta Chapter, La Grande $196.00</td>
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<tr>
<td></td>
<td>Grande Ronde Grain Co., Island City $100.00</td>
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<td></td>
<td>La Grande Fruit Co. $100.00</td>
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<td></td>
<td>Lions Club, La Grande $275.00</td>
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<tr>
<td></td>
<td>La Grande Observer $294.00</td>
</tr>
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<td></td>
<td>Mr. J. Donald Myers, La Grande $588.00</td>
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<tr>
<td></td>
<td>Rotary Club, La Grande $779.00</td>
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<td></td>
<td>Parent-Teacher Association, Elgin $135.00</td>
</tr>
<tr>
<td></td>
<td>Boise Cascade Corporation, La Grande $900.00</td>
</tr>
<tr>
<td></td>
<td>Oregon Council for Education in Politics, Portland $200.00</td>
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<tr>
<td></td>
<td>Mr. and Mrs. Welby Vaughan, La Grande $300.00</td>
</tr>
</tbody>
</table>
Exhibit C - Three-Year Comparisons of Married Male Student Enrollments

1. The percentage of married male students at all of the institutions was 23 percent during the Fall of 1963, as compared with 22 percent in both 1962 and 1961. During the interval from 1962 to 1963, there was a slight increase in the percentage of married male students at Oregon State University, University of Oregon, Eastern Oregon College and Oregon Technical Institute and a slight decrease at Southern Oregon College. At Oregon College of Education there was a rather substantial increase in the percentage of married male students (from 23 percent in 1962 to 30 percent in 1963).

2. All institutions reported an increase in the actual number of married male students during the Fall Term of 1963 as compared with the previous year. In total, this increase was 300 students, from 3,509 in the Fall Term of 1962 to 3,809 in the Fall Term of 1963.

Exhibit D - Summary Analysis of Family Housing

1. Of the grand total of 1,200 family living units available on the six campuses, only 338 (or 28%) are of recent construction. At Oregon State University, 94 new apartments were completed for initial occupancy during the Fall Terms 1961 and 1963. At the University of Oregon, a total of 228 new apartments were completed for initial occupancy during the Fall Terms 1960, 1961, 1962 and 1963. At Eastern Oregon College, 16 new apartments were completed by the Fall Term 1962. Otherwise, the present housing facilities for married students on all campuses consist primarily of temporary war surplus buildings obtained from the federal government. In general, these war surplus buildings are deteriorating rapidly and are expected to be removed within the next few years. Other properties have been acquired within the campus boundaries of the institutions, including residences of varying ages and conditions. These units are listed as miscellaneous houses, apartments, or housing units and are generally in fair to good condition.

2. Oregon State University, University of Oregon, Oregon College of Education and Eastern Oregon College consider the temporary housing units to be safeguarded adequately against fire hazards with satisfactory repair and maintenance. The University of Oregon has installed automatic fire alarm systems and fire escapes in all two-story buildings within the Amazon Project. Also, other improvements recommended in the Sheldon Protectioneering Report have been completed. A few of the miscellaneous houses at Southern Oregon College are in poor condition, and the institution plans the sale and removal of these units within the near future. Oregon Technical Institute is planning to abandon all existing units as soon as possible after the educational plant and new dormitory are completed on the new campus prior to the Fall Term 1964.

3. At Oregon College of Education, Southern Oregon College and Oregon Technical Institute, some of the married student housing units are being used temporarily as annexes to dormitories for single students.

4. At the University of Oregon, 180 additional married student housing apartments are under construction, completing the development of Westmoreland Village. These units are scheduled for occupancy by the Fall Term 1964 or earlier. Oregon State University has 60 additional units tentatively planned for construction during the period 1966-67.
5. On December 8, 1959, the Board established a policy which provides that when new housing facilities are proposed by an institution, a formal occupancy policy applicable to the new housing is to be presented to the Board for review and approval. Such a policy might, for example, indicate that, to the extent practical, priority will be given first to graduate and research assistants and fellows, then to institutional personnel for a designated maximum period of time, then to other graduate students, seniors and juniors, in that order.

6. At the University of Oregon and Oregon State University, a preference policy provides priority of assignment to graduate assistants and teaching fellows, other graduate students, seniors and juniors, in that order.

Exhibit E - Summary Analysis of Temporary Housing for Single Students

1. Of the rated occupancy of 600 single students within temporary housing facilities, 449 are planned for abandonment by Oregon Technical Institute and will be replaced by new dormitory facilities (for 328 occupants) which are to be completed on the new campus by Fall Term 1964. Southern Oregon College has sold the Payne House, containing 16 temporary spaces, and it has been removed from the campus. By the Fall Term of 1964, 11 temporary spaces in Webster House at Southern Oregon College will be reassigned to use for married student housing. In 1965-66, an additional 35 temporary spaces are planned for removal by Oregon College of Education, and 38 temporary spaces in the former Ashland Hospital are planned for removal by Southern Oregon College. In 1966, 51 temporary spaces in Huffman Hall are planned for removal by Southern Oregon College. By Fall Term of 1966, it is expected that no temporary single housing unit will be in use.

2. No extensive repairs are planned for the temporary units to be removed at the Oregon Technical Institute, Southern Oregon College or Oregon College of Education. For all other projects, care has been taken to comply with all fire precautions and to have regular inspections of housing facilities.
### Analysis of Married Student Housing

#### Fall Term 1963

<table>
<thead>
<tr>
<th></th>
<th>OSU</th>
<th>UO</th>
<th>OCE</th>
<th>SOC</th>
<th>EOC</th>
<th>OTI</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Total Student Enrollment</td>
<td>10,427</td>
<td>9,395</td>
<td>1,290</td>
<td>1,972</td>
<td>1,153</td>
<td>908</td>
<td>25,145</td>
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<tr>
<td>2. Male Student Enrollment</td>
<td>7,094</td>
<td>6,010</td>
<td>647</td>
<td>1,200</td>
<td>657</td>
<td>820</td>
<td>16,428</td>
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<tr>
<td>3. Married Male Student Enrollment</td>
<td>1,513</td>
<td>1,473</td>
<td>196</td>
<td>254</td>
<td>160</td>
<td>213</td>
<td>3,809</td>
</tr>
<tr>
<td>4. Percentage of Male Students Married</td>
<td>21</td>
<td>25</td>
<td>30</td>
<td>21</td>
<td>24</td>
<td>26</td>
<td>23</td>
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<td>5. Occupancy of Institutional Housing Units</td>
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<tr>
<td>Married Male Students</td>
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<td>613</td>
<td>26</td>
<td>22</td>
<td>49</td>
<td>99</td>
<td>963</td>
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<tr>
<td>Other Students</td>
<td>11</td>
<td>-</td>
<td>13</td>
<td>8</td>
<td>9</td>
<td>5</td>
<td>46</td>
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<tr>
<td>Employees of the Institution-Faculty &amp; Staff</td>
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<td>7</td>
<td>4</td>
<td>9</td>
<td>10</td>
<td>25</td>
<td>63</td>
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<tr>
<td>Other Occupants</td>
<td>8</td>
<td>35</td>
<td>1</td>
<td>9</td>
<td>6</td>
<td>-</td>
<td>59</td>
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<tr>
<td>Vacancies</td>
<td>7#</td>
<td>15</td>
<td>3</td>
<td>11</td>
<td>8</td>
<td>25</td>
<td>69</td>
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<tr>
<td>Total Institutional Housing Units Available</td>
<td>188</td>
<td>670</td>
<td>47</td>
<td>59</td>
<td>82</td>
<td>154</td>
<td>1,200</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>OSU</th>
<th>UO</th>
<th>OCE</th>
<th>SOC</th>
<th>EOC</th>
<th>OTI</th>
</tr>
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<tbody>
<tr>
<td>6. Number of Additional Married Student Housing Units under Construction during Fall Term 1963</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
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<td>180</td>
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<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Typical Housing Units:</th>
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<tbody>
<tr>
<td></td>
<td>$30</td>
<td>$125</td>
<td>No Bedroom: 30</td>
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<tr>
<td>7. Rental Rates</td>
<td>$35</td>
<td>$135</td>
<td>1 Bedroom: 42;60</td>
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<td></td>
<td>$36</td>
<td>$60</td>
<td>2 Bedroom: 48;70</td>
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<tr>
<td></td>
<td>$31.50</td>
<td>$95</td>
<td>3 Bedroom: 58;80</td>
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<tr>
<td></td>
<td>$32.50</td>
<td>$75</td>
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</tr>
<tr>
<td></td>
<td>$35</td>
<td>$88</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$35*</td>
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<tr>
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<td>$45*</td>
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<tr>
<td></td>
<td>$55*</td>
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</tbody>
</table>

*Includes heat.*

#Vacancies occasioned by delay in completion of 26 new units of Orchard Court; units filled by end of Fall Term.

Office of Business Affairs
March 25, 1964
<table>
<thead>
<tr>
<th></th>
<th>Male Student Enrollment</th>
<th></th>
<th>Percent</th>
<th>Married Students Living in Institutional Housing</th>
<th></th>
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<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Married</td>
<td>Total</td>
<td>Married</td>
<td>Number</td>
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<tr>
<td>Grad. Assts. &amp; Fellows</td>
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<td>332</td>
<td>511</td>
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<td>84</td>
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<td>517</td>
<td>65</td>
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<td>Seniors</td>
<td>883</td>
<td>382</td>
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<tr>
<td>Juniors</td>
<td>1,224</td>
<td>227</td>
<td>1,451</td>
<td>16</td>
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<tr>
<td>Sophomores</td>
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<td>150</td>
<td>1,596</td>
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<td>Freshmen</td>
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<td>59</td>
<td>1,711</td>
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<tr>
<td>Special</td>
<td>16</td>
<td>27</td>
<td>43</td>
<td>63</td>
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<tr>
<td>Totals</td>
<td>5,581</td>
<td>1,513</td>
<td>7,094</td>
<td>21</td>
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<td>Grad. Assts. &amp; Fellows</td>
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<tr>
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<tr>
<td>Totals</td>
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<td>647</td>
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<td>2</td>
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<tr>
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<td>89</td>
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<tr>
<td>Sophomores</td>
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<td>5</td>
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<tr>
<td>Special &amp; Unclassified</td>
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<td>76</td>
<td>2</td>
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<tr>
<td>Totals</td>
<td>497</td>
<td>160</td>
<td>657</td>
<td>24</td>
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</table>
**EXHIBIT B**

Married Male Students Living in Institutional Housing

<table>
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<tr>
<th></th>
<th>Male Student Enrollment</th>
<th>Percent Married</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Married</td>
<td>Total</td>
<td>Married</td>
</tr>
<tr>
<td>OREGON TECHNICAL INSTITUTE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juniors</td>
<td>16</td>
<td>15</td>
<td>31</td>
<td>48</td>
</tr>
<tr>
<td>Sophomores</td>
<td>149</td>
<td>75</td>
<td>224</td>
<td>33</td>
</tr>
<tr>
<td>Freshmen*</td>
<td>442</td>
<td>123</td>
<td>565</td>
<td>22</td>
</tr>
<tr>
<td>Totals</td>
<td>607</td>
<td>213</td>
<td>820</td>
<td>26</td>
</tr>
</tbody>
</table>

*Includes part-time students.

TOTAL FOR SIX INSTITUTIONS:

<table>
<thead>
<tr>
<th></th>
<th>Male Student Enrollment</th>
<th>Percent Married</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Married</td>
<td>Total</td>
<td>Married</td>
</tr>
<tr>
<td>Grad. Assts. &amp; Fellows</td>
<td>345</td>
<td>582</td>
<td>927</td>
<td>63</td>
</tr>
<tr>
<td>Other Graduates</td>
<td>641</td>
<td>1,032</td>
<td>1,673</td>
<td>62</td>
</tr>
<tr>
<td>Seniors</td>
<td>1,694</td>
<td>795</td>
<td>2,489</td>
<td>32</td>
</tr>
<tr>
<td>Juniors</td>
<td>2,328</td>
<td>547</td>
<td>2,875</td>
<td>19</td>
</tr>
<tr>
<td>Sophomores</td>
<td>3,428</td>
<td>447</td>
<td>3,875</td>
<td>12</td>
</tr>
<tr>
<td>Freshmen</td>
<td>4,107</td>
<td>315</td>
<td>4,422</td>
<td>7</td>
</tr>
<tr>
<td>Special &amp; Unclassified</td>
<td>76</td>
<td>91</td>
<td>167</td>
<td>54</td>
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<tr>
<td>Totals</td>
<td>12,619</td>
<td>3,809</td>
<td>16,428</td>
<td>23</td>
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</table>

Office of Business Affairs
March 25, 1964
<table>
<thead>
<tr>
<th>Institution</th>
<th>1963 Male</th>
<th>Married Male</th>
<th>% Male Students Married</th>
<th>1962 Male</th>
<th>Married Male</th>
<th>% Male Students Married</th>
<th>1961 Male</th>
<th>Married Male</th>
<th>% Male Students Married</th>
<th>Increase or (Decrease) in % of Male Students Married 1962-63</th>
<th>Increase or (Decrease) in % of Male Students Married 1961-1963</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSU</td>
<td>7,094</td>
<td>1,513</td>
<td>21%</td>
<td>6,925</td>
<td>1,395</td>
<td>20%</td>
<td>6,309</td>
<td>1,328</td>
<td>21%</td>
<td>1%</td>
<td>-2%</td>
</tr>
<tr>
<td>UO</td>
<td>6,010</td>
<td>1,473</td>
<td>25%</td>
<td>5,763</td>
<td>1,372</td>
<td>24%</td>
<td>5,322</td>
<td>1,247</td>
<td>23%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>OCE</td>
<td>647</td>
<td>196</td>
<td>30%</td>
<td>655</td>
<td>152</td>
<td>23%</td>
<td>630</td>
<td>155</td>
<td>25%</td>
<td>7%</td>
<td>5%</td>
</tr>
<tr>
<td>SOC</td>
<td>1,200</td>
<td>254</td>
<td>21%</td>
<td>1,072</td>
<td>244</td>
<td>23%</td>
<td>851</td>
<td>167</td>
<td>20%</td>
<td>(2)%</td>
<td>1%</td>
</tr>
<tr>
<td>EOC</td>
<td>657</td>
<td>160</td>
<td>24%</td>
<td>675</td>
<td>141</td>
<td>21%</td>
<td>607</td>
<td>177</td>
<td>29%</td>
<td>3%</td>
<td>(5)%</td>
</tr>
<tr>
<td>OTI</td>
<td>820</td>
<td>213</td>
<td>26%</td>
<td>821</td>
<td>205</td>
<td>25%</td>
<td>808</td>
<td>194</td>
<td>24%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Total</td>
<td>16,428</td>
<td>3,809</td>
<td>23%</td>
<td>15,911</td>
<td>3,509</td>
<td>22%</td>
<td>14,527</td>
<td>3,268</td>
<td>22%</td>
<td>1%</td>
<td>1%</td>
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</table>

Office of Business Affairs  
March 25, 1964
<table>
<thead>
<tr>
<th>Life Expectancy</th>
<th>No. of Stories</th>
<th>Total</th>
<th>0-1</th>
<th>2-3</th>
<th>3-or4</th>
<th>Charges per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchard Court</td>
<td>Excellent</td>
<td>New</td>
<td>2</td>
<td>94</td>
<td>22</td>
<td>62</td>
</tr>
<tr>
<td>Campus Court</td>
<td>Fair</td>
<td>4</td>
<td>1</td>
<td>58</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td>Miscellaneous Houses</td>
<td>Fair to Good</td>
<td>*</td>
<td>19</td>
<td>-</td>
<td>Various</td>
<td>-</td>
</tr>
<tr>
<td>Miscellaneous Apartments</td>
<td>Fair to Good</td>
<td>*</td>
<td>17</td>
<td>-</td>
<td>Various</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>188</td>
<td>1</td>
<td>44</td>
<td>89</td>
</tr>
</tbody>
</table>

**OREGON STATE UNIVERSITY:**

Twenty-six new units were opened October 1963. Tentatively planned to be replaced 1966-67 by new units.

**UNIVERSITY OF OREGON:**

180 additional 2-bedroom units under construction; to be ready for occupancy Fall 1964.

**Miscellaneous houses and apartments.**

180 additional 2-bedroom units under construction; to be ready for occupancy Fall 1964.

To be removed as campus expands; not fire hazardous.

To be removed as campus expands; not fire hazardous.

(Total includes 36 miscellaneous houses and apartments.)

180 additional 2-bedroom units under construction; to be ready for occupancy Fall 1964.

To be removed as campus expands.
<table>
<thead>
<tr>
<th>OREGON COLLEGE OF EDUCATION:</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>Charges</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veteran's Village</td>
<td>Good</td>
<td>8</td>
<td>1 &amp; 2</td>
<td>44</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Miscellaneous Houses</td>
<td>Poor-Good</td>
<td>3-8</td>
<td>*</td>
<td>3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>47</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>SOUTHERN OREGON COLLEGE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Court Housing</td>
<td>Good</td>
<td>8</td>
<td>1</td>
<td>28</td>
<td>-</td>
<td>28</td>
</tr>
<tr>
<td>Misc. Housing Units</td>
<td>Poor-Good</td>
<td>3-23</td>
<td>*</td>
<td>31</td>
<td>- Various</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>59</td>
<td>28</td>
<td>-</td>
</tr>
<tr>
<td>EASTERN OREGON COLLEGE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eocene Court</td>
<td>Fair</td>
<td>17 yrs. to 1</td>
<td></td>
<td>59</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Misc. Housing Units</td>
<td>Excellent Indefinite</td>
<td></td>
<td></td>
<td>23</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>82</td>
<td>7</td>
<td>70</td>
</tr>
<tr>
<td>OREGON TECHNICAL INSTITUTE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farrell Hall, et al.</td>
<td>Fair</td>
<td>8</td>
<td>1</td>
<td>40</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>Misc. Housing Units</td>
<td>Fair</td>
<td>0</td>
<td>*</td>
<td>6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>154</td>
<td>48</td>
<td>59</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>1,200</td>
<td>53</td>
<td>290</td>
</tr>
</tbody>
</table>

*Varies

NOTE: All units are of wood-frame construction.
# Summary Analysis of Temporary Housing for Single Students

## Fall Term 1963

<table>
<thead>
<tr>
<th>Institution</th>
<th>Condition</th>
<th>No. of Stories</th>
<th>Capacity</th>
<th>Occupancy</th>
<th>Charges</th>
<th>Institution Plan &amp; Time Schedule for Replacement</th>
<th>General Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oregon State University:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td><strong>University of Oregon:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td><strong>Oregon College of Education:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>Arnold Arms</td>
<td>Fair</td>
<td>8</td>
<td>37</td>
<td>35</td>
<td>35</td>
<td>0 $70</td>
<td>May be converted to office space in 1965-66.</td>
</tr>
<tr>
<td><strong>Southern Oregon College:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payne House</td>
<td>Fair</td>
<td>-</td>
<td>18</td>
<td>16</td>
<td>11</td>
<td>0 $110 per mo. Sold and removed February 1964.</td>
<td>Tentatively planned for removal in 1965, site needed for educational building.</td>
</tr>
<tr>
<td>Former Ashland Hospital</td>
<td>Poor</td>
<td>1</td>
<td>42</td>
<td>38</td>
<td>42</td>
<td>0 $60</td>
<td>Planned for use as married student housing in 1964.</td>
</tr>
<tr>
<td>Webster House</td>
<td>Good</td>
<td>23</td>
<td>13</td>
<td>11</td>
<td>12</td>
<td>0 $60</td>
<td>Planned for removal by 1966.</td>
</tr>
<tr>
<td>Huffman Hall</td>
<td>Fair</td>
<td>1</td>
<td>64</td>
<td>51</td>
<td>64</td>
<td>0 $60</td>
<td></td>
</tr>
<tr>
<td><strong>Eastern Oregon College:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oregon Technical Institute:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dormitories</td>
<td>Poor</td>
<td>8</td>
<td>544</td>
<td>449</td>
<td>433</td>
<td>39 $65</td>
<td>To be abandoned June 1964. Replacement 328-bed dormitory now under construction on new campus.</td>
</tr>
</tbody>
</table>

### Grand Totals

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>718</td>
<td>600</td>
<td>597</td>
<td>39</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All units are of wood-frame construction.

Office of Business Affairs  
March 25, 1964