STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
THE COMMONS, SOUTHERN OREGON COLLEGE, ASHLAND, OREGON

July 27-28, 1964

MEETING #329

A regular meeting of the State Board of Higher Education was held at
the Commons, Southern Oregon College, Ashland, Oregon, on July 27-28,
1964.

ROLL CALL

The meeting was called to order at 9:00 A.M. on Monday, July 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. Philip A. Joss  Mr. Ray T. Yasui
Mr. John Merrifield  Mr. Chas. R. Holloway, Jr.

Absent: Mr. George H. Layman.

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 D. von Otterstedt, Assistant Attorney General;
Mr. Allen McKenzie, Assistant to Vice Chancellor for Business
Affairs; Mr. George Diel, Assistant Director of Public Services;
Mrs. Wickes Beal, Assistant to the Chancellor; Mr. Guy Lutz, Assistant
Director, Office of Institutional Research; and Mr. Ken Abbey,
Research Associate, Office of Business Affairs.

Oregon State University--President J. H. Jensen; Mr. M. Popovich,
Dean of Administration; Mr. G. M. Robertson, Director of Business
Affairs; Mr. Charles H. Blumenfeld, Assistant to Director of Business
Affairs.

University of Oregon--President A. S. Flemming; Dr. W. C. Jones, Dean
of Administration; Dr. Jarold A. Kieffer, Assistant to the President;
Mr. W. N. McLaughlin, Business Manager; Mr. I. I. Wright, Super-
intendent of the Physical Plant.

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

University of Oregon Medical School--Mr. W. A. Zimmerman, Assistant
Dean for Business Affairs; Dr. Charles Holman, Medical Director and
Administrator of Hospitals and Clinics.
Portland State College--Mr. W. T. Lemman, Jr., Director of Business Affairs; Dr. 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; Mr. D. E. Lewis, Assistant to the President and Business Manager; Dr. Vaughn Boren, Chairman of the Social Studies Department; Mr. Carson Vehrs, Director of Student Living and Institutional Research; Mr. Hugh Simpson, Director of Information; Mr. Jeffrey Lee, Director of the Student Union and Alumni Activities; Miss Helene Robinson, Associate Professor of Music; Mr. Richard Mattos, Assistant Professor of Business.

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

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

Division of Continuing Education--Dr. Viron A. Moore, Director of State-Wide Services; Dr. Luke F. Lamb, Director of Educational Media.

Others--Mr. Denis Curry, Management Analyst, Department of Finance and Administration; Mrs. Regina Ewalt, Director of Professional Services, Oregon Education Association; Mrs. Evelyn Nye, Phoenix, Mr. Raymond R. Reter, Medford, and Mr. Bill Dawkins, Ashland, all members of Friends of Southern Oregon College; Mrs. Eve Hamilton, Member of State Board of Education.

RE ABSENCES

Mr. Layman was absent for business reasons.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on June 9-10, 1964, and of the special meeting held on July 8, 1964, and approved them as printed in the docket. The Board also approved the minutes of the special meeting held on June 22, 1964, and approved them as previously distributed.

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.
Pursuant to authority granted by the Board at the April 27-28 meeting, the final plans and specifications for Units F and G of Cascade Hall, the dormitory complex at Southern Oregon College, were approved and bids were received in Ashland on June 30, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>2</td>
<td>$478,229</td>
<td>$511,900</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>94,560</td>
<td>125,000</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>6</td>
<td>45,500</td>
<td>63,500</td>
</tr>
<tr>
<td>Built-in Furniture Work</td>
<td>3</td>
<td>77,289</td>
<td>110,900</td>
</tr>
</tbody>
</table>

A third bid for the general construction work in the amount of $516,700 was received but was incomplete and, therefore, was not valid.

Inasmuch as the sum of the low bids was within the allowance for direct construction, contract awards were made and the following budget was approved for the project:

**Direct Construction Costs:**
- General Work - Todd Building Company, Roseburg $478,229
- Mechanical Work - Western Mechanical, Inc., Medford 94,560
- Electrical Work - Steeck Electric Company, Medford 45,500
- Built-In Furniture Work - Educators Manufacturing Company, Tacoma 77,289
- Total Direct Construction Costs $695,578

**Sources of Funds**
- Series 1963 B bonds, par value $825,000 @ 98.131 $809,581
- Restricted fund balances available to the institution 15,419
- Total Sources of Funds $825,000

On May 29, 1964, the State Emergency Board authorized an increase in the expenditure limitation imposed for this project by Chapter 615, Oregon Laws 1963, from $440,000 to $840,000. As noted above, the requirements were $15,000 less than this amount.

Plans and specifications for the dormitory and dining hall additions were prepared by Architect Robert J. Keeney of Medford. The capacity of Units F and G totals 210 students. For the gross area of 38,488 square feet, the direct construction costs of $695,578 average $18.07 per square foot. The investment per student for each of the 612 student residents in the Cascade Hall Complex, including the prorated portion of the cost of the dining halls and kitchen now being completed, averages approximately $4,611.

The Board confirmed the contract awards.
In accordance with authorization granted by the Board at the June 9-10, 1964, meeting, bids for the proposed Parking Structure at Portland State College were received on June 24, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>8</td>
<td>$565,205</td>
<td>$659,801</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>5</td>
<td>37,116</td>
<td>49,900</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>11</td>
<td>54,500</td>
<td>75,534</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the low bids was approximately $100,000 below the revised estimate reported to the Board in June, contract awards were made and the following budget was approved for the project:

**Direct Construction costs:**

- **General Work - Minden Construction, Inc., Portland** $565,205
- **Mechanical Work - Urban Plumbing & Heating Co., Portland** 37,116
- **Electrical Work - Bohm Electric Company, Portland** 54,500

**Total Direct Construction Costs** $656,821

**Site Acquisition and Clearance** 461,185
**Architects' and engineering fees** 32,841
**Construction supervision** 5,000
**Legal, administrative and miscellaneous costs** 6,312
**Contingencies (5% of direct construction costs)** 32,841

**Total** $1,195,000

**Sources of Funds**

- **Series 1963 B Bonds, par value $1,200,000 @ 98.131** $1,177,572
- **Restricted fund balances available to the institution** 17,428

**Total** $1,195,000

The capacity of the five-level structure, as designed by Architects Wolff & Zimmer, is approximately 549 automobiles. It will be constructed in Block 191, Portland Addition, which is bounded by S.W. Harrison Street, S.W. Broadway, S.W. Hall, and S.W. Sixth Avenue, east of South Park Hall. For the gross area of 196,542 square feet, the direct construction costs average $3.34 per square foot. The total investment of $1,195,000 averages $2,177 per automobile space. Of this amount, $829 is allocable to site costs, and the remaining $1,348 per car represents the cost of the structure itself, including fees, contingencies, etc.

The Board confirmed the contract awards.

Upon the recommendation of President Millar, Architects Franks & Norman of Portland have been commissioned to assist Portland State College officials in planning the conversion of the former Parkview Hotel (Jaggar property) into office facilities. Fees are payable on a time and material basis not to exceed 8 percent of the direct construction costs. This project was included among the rehabilitation items approved by the Board on June 9-10, 1964, and the estimated cost of the work, including direct construction, fees, contingencies, etc., is $48,000.

The Board confirmed the appointment of the architects.
Upon the recommendation of President Jensen, Architects Bear, McNeil, Schneider, Bloodworth & Hawes have been commissioned to prepare the plans and specifications for the remodeling of a portion of the west wing of the men's gymnasium at Oregon State University, including the conversion of the existing handball courts into a multi-purpose physical education activity space. Professional services fees will be paid on a time and material basis not to exceed 8 percent of the direct construction costs. As noted in the minutes of the June 9-10 meeting of the Board, when this rehabilitation project was approved, it is anticipated that the maximum cost to be financed from the Board's unrestricted funds will be $45,000.

The Board confirmed the appointment of the architects.

Upon the recommendation of President Flemming, Mr. William W. Wilson, Architect and Structural Engineer of Eugene, has been commissioned to prepare plans and specifications for the minor addition and remodeling within the present Infirmary Building at the University of Oregon to accommodate the 4MeV Van De Graaff $300,000 accelerator which is being obtained under the provisions of a contract with the U. S. Atomic Energy Commission. This program was approved by the Board at the April and June 1964 meetings when it was indicated that the total construction cost, including fees, contingencies, etc., would be approximately $54,500. Contract arrangements with Mr. Wilson contemplate professional service fees of 8 percent of the direct construction costs. Funds for the project are being provided from restricted fund balances available to the institution from indirect cost allowances on instructional and research contracts and grants.

The Board confirmed the appointment of the architect.

Upon the recommendation of officials of Oregon College of Education, arrangements have been made with Architects Annand and Boones of Portland to prepare plans and specifications and to supervise the replacement of the gymnasium floor in the Physical Education Building. The professional services fee is 8 percent of the direct construction costs of approximately $9,000. Funds for the work, including the planning, were allocated by the Board on June 9-10 as part of the summer 1964 rehabilitation program.

The Board confirmed the appointment of the architects.

Upon the recommendation of President Stevenson, arrangements have been made with J. Donald Kroeker & Associates, Consulting Engineers of Portland, to prepare plans and specifications and to supervise the installation of an additional boiler in the central heating plant at Southern Oregon College. The tentative capital construction program for 1965-1967 includes this work as well as certain steam line renovations on the campus. As a part of their work, the engineers will be asked to determine the economic feasibility of burning natural gas in lieu of fuel oil. The professional services fee of 5.25 percent of the direct construction costs includes 1.0 percent for preliminary planning. Funds for such planning, in the amount of approximately $1,000, will be provided from the operating budget of the institution.

The Board confirmed the appointment of the architects.
Architectural Services for Site Development Program of Physical Plant Complex, OSU

Upon the recommendation of officials of Oregon State University, arrangements have been made with Architects Hamlin and Martin of Eugene to prepare a long-range site development plan for an area west of 35th Street, north of the railroad tracks, on land owned by the Board, for the future physical plant complex. The immediate need is for additional space for open, secure storage of heavy equipment. In order to develop properly a section of the proposed site for such use, it is necessary to prepare a comprehensive plan for the total development of the site which has been designated for this purpose in the master plan of Consultant Louis A. DeMonte. The fee arrangements contemplate compensation on an hourly basis not to exceed a total of $3,000 which will be provided from the operating budget of the institution.

The Board confirmed the appointment of the architects.

Appointment of Engineer for Automatic Sprinkler System in McArthur Court, UO

Upon the recommendation of University of Oregon officials, the engineering firm of Marquess & Marquess, Eugene, has been commissioned to prepare plans and specifications and to supervise the installation of an automatic sprinkling system in McArthur Court. The fee arrangements contemplate payment to the engineers on an hourly basis plus reimbursement for the actual costs of printing, long distance telephone charges, etc., with a maximum charge of $1,200. A portion of the cost of this project is to be financed from the Boxu funds allocated at the June 9-10 meeting for various rehabilitation projects, and the remainder is being paid from restricted funds available to the institution.

The Board confirmed the appointment of the architects.

Requests for HHFA Advance Planning Funds

Inasmuch as preliminary plans have not been prepared for some of the major capital construction projects for which funds are expected to be requested from the 1965 Legislature, the institutional executives and the Chancellor recommended that applications be filed with the Housing and Home Finance Agency of the federal government for interest-free advances, as follows:

<table>
<thead>
<tr>
<th>Project</th>
<th>Estimated Total Cost</th>
<th>Estimated Direct Construction Cost</th>
<th>Request for Advance Planning Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC - South Park Hall Addition</td>
<td>$2,385,000</td>
<td>$2,095,000</td>
<td>$26,500</td>
</tr>
<tr>
<td>SOC - Science Building, Second Unit, including land</td>
<td>1,385,000</td>
<td>1,135,000</td>
<td>14,500</td>
</tr>
<tr>
<td>OCE - Science Laboratories and Offices, including land</td>
<td>425,000</td>
<td>285,000</td>
<td>9,000*</td>
</tr>
<tr>
<td>OSU - Library Building, First Addition</td>
<td>1,315,000</td>
<td>1,007,000</td>
<td>10,500</td>
</tr>
</tbody>
</table>

*Includes preliminary planning of future Science and Mathematics Building, of which only the initial unit is programmed during 1965-1967.

It was also recommended that the Vice Chancellor for Business Affairs be authorized to accept such offers of the federal governments as may be tendered, executing agreements which are similar to the form shown in Supplement A of the minutes of the December 12, 1961, meeting of the Board.
In order to fulfill the requirements of the federal government, it was recommended that the following resolutions be adopted by roll call vote.

RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PREPARATION OF PRELIMINARY PLANS OF A SCIENCE BUILDING, SECOND UNIT, SOUTHERN OREGON COLLEGE, 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 Southern Oregon College 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 Science Building, Second Unit, Southern Oregon College, 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 preliminary plans and specifications for the above described public works, which shall consist generally of science laboratories, classrooms, faculty offices and related service and technical spaces within an estimated gross area of approximately 52,000 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 the preparation of preliminary 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 Merrifield and second by Director Joss, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, 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.
RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PREPARATION OF PRELIMINARY PLANS OF SOUTH PARK HALL ADDITION, PORTLAND STATE COLLEGE, 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 Portland State College 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 South Park Hall Addition, Portland State College, 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 preliminary plans and specifications for the above described public works, which shall consist generally of classrooms, faculty and staff offices, instructional laboratories for art, speech, business, education and drafting, speech research space, language listening laboratories, student health services and related service spaces, within an estimated gross area of approximately 98,800 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 the preparation of preliminary 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 Merrifield and second by Director Joss, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, 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.
RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES
OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PREPARATION OF PRE-
LIMINARY PLANS OF A SCIENCE AND MATHEMATICS BUILDING, OREGON COLLEGE
OF EDUCATION, 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 Oregon
College of Education 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 Science and Math-
ematics Building, Oregon College of Education, 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 archi-
tectural surveys, designs, plans, working drawings, specifications
or other action preliminary to and in preparation for the construc-
tion 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 preliminary plans and specifications for the
   above described public works, which shall consist generally
   of classrooms, science laboratories, faculty and staff
   offices, related service and storage areas 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 the preparation of preliminary 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 Merrifield and second by Director Joss, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, 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.
RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PREPARATION OF PRELIMINARY PLANS OF A LIBRARY BUILDING, FIRST ADDITION, OREGON STATE UNIVERSITY, 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 Oregon State University 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 First Addition to the Library Building, Oregon State University, 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 preliminary plans and specifications for the above described public works, which shall consist generally of stack space, reader space, staff work areas, and related service spaces within an estimated gross area of approximately 59,720 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 the preparation of preliminary 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 Merrifield and second by Director Joss, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, 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 Housing and Home Finance Agency has approved the application which was submitted following authorization by the Board at the March 1964 meeting for an advance for final planning funds of $95,000 for the proposed First Addition to Cordley Hall at Oregon State University. Funds for the construction of this building are expected to be included in the requests for capital outlay presented to the 1965 Legislature, supplemented by grants from the National Science Foundation and the U. S. Public Health Service.

The Board accepted the report.

On June 10, 1964, the Vice Chancellor for Business Affairs inspected and accepted the work of Howard Nelson Construction Co., Eugene, for the alterations to the Science Building Annex at the University of Oregon, which is being used as a research laboratory for Dr. Edward Herbert, Associate Professor of Chemistry. A revised budget for the project is reflected below in comparison with the original budget approved by the Board following the award of a construction contract:

<table>
<thead>
<tr>
<th></th>
<th>Revised 6-10-64</th>
<th>Original 12/9/63</th>
<th>Increase/Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction - Howard Nelson Construction Co., Eugene</td>
<td>$16,390</td>
<td>$14,080</td>
<td>$2,310</td>
</tr>
<tr>
<td>Physical Plant Costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning, including engineering fees</td>
<td>1,494</td>
<td>1,494</td>
<td>-</td>
</tr>
<tr>
<td>Demolition and cleanup</td>
<td>1,071</td>
<td>1,071</td>
<td>-</td>
</tr>
<tr>
<td>Construction and rehabilitation work by institutional staff</td>
<td>8,245</td>
<td>9,851</td>
<td>(1,606)</td>
</tr>
<tr>
<td>Cabinet work, including laboratory benches</td>
<td>2,550</td>
<td>2,550</td>
<td>-</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>250</td>
<td>250</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>704</td>
<td>(704)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$30,000</strong></td>
<td><strong>$30,000</strong></td>
<td><strong>$0</strong></td>
</tr>
</tbody>
</table>

Funds for the project, as authorized by the Board on September 10, 1963, were provided from restricted funds obtained from building use allowances related to research and instructional contracts and grants. The increase in the direct construction cost represented adjustments included within three approved change orders involving substitutions of finish for counter tops, additional case work, installation of distilled water line, and other minor modifications. The work included the construction of a cold room, a dark room, and an animal room with constant temperature and humidity control.

The Board confirmed the acceptance of the building.
Meeting #329

President Jensen, with the concurrence of the Chancellor, recommended that several buildings on the campus be named as follows:

Infirmary
Designate the student health service building as the Erna Plageman Infirmary in memory of Erna Plageman who was assistant director of the health service for 35 years and who helped to plan the original building and the addition. Her interest in the welfare of students and the many extra services she did for them and others were well beyond the call of duty.

Library
Redesignate the "Old Library Building" as Kidder Hall in memory of Mrs. Ida Kidder, former librarian, who helped to plan the building, assisted in its completion, and supervised its first occupancy.

Kidder Hall
Redesignate the present Kidder Hall as Fairbanks Hall after the former head of the Art Department. It was noted in the biennial report of the Board of Regents for 1929-30 that the name Kidder Hall was to be a temporary name for this building.

Mines Building
Redesignate the Mines Building as Batcheller Hall after Professor James H. Batcheller of the former Mining Engineering Department.

Cooperative Residences
Designate the two proposed cooperative resident units planned for the vicinity of 11th Street as Avery House and Dixon House to carry out the policy of naming such buildings after community pioneers as was done in the naming of Reed and Heckart Lodges.

All of the above proposals are based on recommendations of the Standing Committee on the Naming of Buildings.

The Board approved the recommendations as presented.

Purchase of Karafotias Property, PSC
At the June 9-10, 1964, Board meeting, authorization was given to condemn the Karafotias property at 934 S.W. Hall Street, Portland, required as part of the site for the Physical Education Building, in the event that an option at a satisfactory price could not be secured.

Continued negotiations and consultation with the Executive Committee of the Board have resulted in the securing and acceptance of an option to purchase the property for $38,000. Funds for the purchase are being provided from restricted moneys available for the acquisition of sites for the building.

The Board confirmed the action of the Executive Committee.

Acquisition of Houston Property, PSC
The Board, at the June meeting, authorized condemnation of the Houston property, located in Block 238, involving a portion of Lot 6, needed as part of the site for the Physical Education Building for Portland State College. In consultation with the Executive Committee of the Board, an option has been accepted to purchase the property for $678. Restricted funds available for the building project will finance the cost of the land.

The Board confirmed the action of the Executive Committee.
Meeting #329

Sidewalk Easement to City of Eugene - Urban Renewal Project, UO

The University of Oregon has reported that in the site development of the sidewalk areas immediately adjacent to and around the proposed new Student Health Service Building at the University of Oregon, it will be necessary to dedicate a pedestrian access easement to the City of Eugene to obtain federal participation in the proposed landscaping and sidewalk development system. The easements necessary are located along the south side of 13th Avenue from Beech to Agate Street and on the west side of Agate Street from 13th to 14th.

President Flømmeg, with the concurrence of the Chancellor, recommended that the appropriate Board officers be authorized to execute a dedicated easement in favor of the City of Eugene for sidewalk purposes. The Board approved the recommendation as presented.

Report of Parking and Traffic Studies

On December 11, 1962, the Board authorized the appointment of E.A. Barton and Associates of Cleveland, Ohio, to make a traffic and parking study at the University of Oregon campus. It was indicated that the basic purpose of the study was "to determine means of relieving the existing traffic circulation and traffic hazard problems on the campus, to provide adequate and properly located parking facilities, and to supplement the University's future growth plans with a sound and efficient vehicular and pedestrian system."

University officials have filed with the Board's Office a copy of the consultants' report, prepared under date of September 25, 1963, which includes the following recommendations:

A. Vehicular Traffic

1. Establish partially closed campus by closing segments of certain designated streets, all by chains and signs leaving the street available for emergency use:

   a. Thirteenth Avenue from Kincaid to the east line of Johnson Hall

   b. Thirteenth Avenue between University and Onyx crosswalks

   c. Emerald Street between Thirteenth and Fourteenth Avenues

   d. Agate Street for 500 feet south of Thirteenth Avenue

   e. Agate Street from Seventeenth Avenue to Eighteenth Avenue

2. South of the campus, establish an east-west circumventing route by making Eighteenth and Nineteenth Avenues into a couplet, each one way.
3. North of the campus, establish an east-west circumventing route by widening Eleventh Avenue, Patterson to Franklin, and using Tenth Avenue west of Mill Street with alternates of added access over or under Franklin Boulevard westbound into Tenth or Eleventh Avenues.

4. Provide tentative supplementary circumventing support route diagonally from Thirteenth Avenue and Alder Street to Eleventh Avenue and Franklin.

5. Provide vehicular and pedestrian access across Franklin Boulevard at Beech Street either under Franklin Boulevard, or as an alternate, over Franklin Boulevard to the physical plant and research area and other developing programs for land between Franklin Boulevard and the Willamette River.

6. Provide a new traffic bridge across the Willamette River at Hilyard Street extended on the south to Centennial Boulevard on the north side of the river.

B. Pedestrian Traffic

The consultants urge a campus-wide pedestrian circulation and classified volume survey to be conducted while the University is in session so that an analysis and evaluation can be made to determine the need for controlled pedestrian movement on, into, and off the campus.

C. Parking Program

1. Develop additional facilities: 3,400 new off-street spaces are recommended for early development (1,550 in three garage units and 1,850 in new surface lots). In addition, increase capacity of existing surface lots by adding 245 spaces to the present 2,860 combined curb and off-street capacity.

2. Institute operational controls, such as by assessing parking fees to all users ranging from a minimum of $12.50 to a maximum of $30.00 per annum depending upon whether or not state funds are available to supplement restricted funds. The operational department should be expanded to provide adequate service adding enforcing patrolmen and clerical help if required. During any major special event, University-operated parking lots and facilities would require nominal fees. Entrances would need to be designated properly to indicate coin or card operation if applicable. Additional meters for on-campus spaces should be placed concurrently with the development of new off-street areas.

As a general policy, Mr. Barton recommended a cooperative plan of action with the City of Eugene and all other public bodies concerned to accomplish his recommendations as presented, or modified, or further improved. It was suggested, for example, that off-street facilities might be developed off campus in the area between the University and downtown Eugene.
With the concurrence of the Chancellor, President Fleming recommended the Report of Parking and Traffic Studies by E. A. Barton and Associates be accepted as the basis for further analysis by the institutional staff. Some of the recommendations have been implemented already such as to close Emerald Street from Thirteenth Avenue to Fourteenth Avenue and to arrange for additional enforcement personnel.

Mr. Barton stated that the recommendations in the report were based on the assumption that some additional parking would need to be provided and commented briefly on some of the major points in the report. He indicated that studies show that a number of the major universities are faced with a parking problem and are solving it in various ways. Some institutions are providing parking on the fringe of the campus or partly within it; others have completely removed parking from the campus and have provided shuttle buses with varying degrees of success. These institutions usually charge for both the parking and bus service.

Mr. Barton mentioned that a group of developers were interested in one of the recommended parking sites near the hospital and planned to confer with city and University officials in the near future.

In response to questions from the Board, Mr. Barton stated that agreements between a civic body and a group of developers to construct a parking structure on publicly owned land generally required a lease ranging from 35 to 52 years. At the expiration of the lease, after both the cost of the land and structure would be fully amortized, the title of the structure would be transferred to the civic body without cost.

It was suggested that a system-wide survey on traffic and parking would be desirable. It was noted that the master campus plans now being developed for each institution would include such plans. Mr. Barton recommended that a parking and traffic specialist be retained in order to insure adequate circulation when the plan is in operation.

In the discussion and in answer to questions in his report, Mr. Barton brought out the following additional information:

1. The annual increase in proportion of cars per capita in the population as a whole is reflected also in the student population;

2. It is possible to obtain sufficient revenue from a parking structure operation to pay all operating costs and amortize bond borrowings under two conditions: First, it is necessary to charge a sufficient fee for use of the parking space; and second, the structure must be as inexpensive as possible. A location which will provide short-term parking or which will be used at night or during weekend and vacation periods, increases the revenue.
3. Some institutions have restricted use of cars, particularly at the freshman level, in order to reduce the parking problem.

The Board approved the recommendation that Mr. Barton's report be accepted. It is understood that other state institutions are studying parking problems in connection with campus plans.

As noted in another item of the agenda, Mr. William W. Wilson was commissioned recently to prepare plans and specifications for the proposed alterations and addition to the Infirmary Building at the University of Oregon in order to accommodate the 4 MEV Van de Graaff accelerator being provided by the Atomic Energy Commission. In anticipation of the scheduled delivery of the accelerator in December 1964, the space for its installation must be prepared as rapidly as possible and Mr. Wilson has expedited the preparation of the preliminary plans for the project. A copy of these plans has been filed with the Board's Office.

The proposed one-story addition would be at the north end of the Infirmary Building and would contain approximately 1,067 square feet to supplement the existing area of 4,324 square feet in the basement. With the addition and a few alterations in the existing basement space,os, she area can be used effectively as a target room, control room, shop and laboratory space. Construction of the addition would be of reinforced concrete with exterior walls panels sand blasted for texture. Special provisions would be made for radiation shielding and for air conditioning to offset the extensive heat gain from the accelerator and electronic equipment to be housed in the facility. The project also includes a 75 KVA transformer to handle the necessary requirements for additional electrical capacity. Based upon the preliminary plans, the architect estimates that the direct construction costs will be approximately $49,320. The total budget, including fees, contingencies, supervision, etc., would be about $60,000, or approximately 10 percent above the previous estimate of $54,500 reported to the Board at the April and June 1964 meetings. Funds for the construction work are being provided from restricted fund balances available to the institution (indirect cost allowances from instructional and research contracts and grants).

With the concurrence of the Chancellor, President Flemming recommended that the preliminary plans for the alterations and addition to the Infirmary Building for the accelerator installation at the University of Oregon be approved and that authorization be given to the appropriate Board officials to instruct the architect to complete the final plans and specifications, to solicit bids and award construction contracts within a total budget of approximately $60,000.

It was indicated that the accelerator to be installed is more commonly known as an atom smasher and would be used for experimental work in physics. It was stated that the equipment would probably be available indefinitely and that operational grants were expected to continue over a period of several years. Plans for the total science complex envisage the present health building in this location through 1972 and possibly longer.

The Board approved the recommendations as presented.
Upon the recommendation of President Flemming, J. Donald Kroeker and Associates, Consulting Engineers of Portland, were commissioned to study air conditioning requirements at the University of Oregon, particularly with regard to the First Addition to the Erb Memorial Student Union Building, the proposed Addition to the Library, and the proposed Student Health Service Building. The engineers were asked to forecast the cooling equipment requirements for future buildings included in the institutional requests for capital outlay and to study the economic feasibility of a central cooling system as compared with individual units within each building to be air conditioned.

On the basis of their study, the engineers concluded in their September 1963 report that the most economical basic equipment to provide cooling in buildings on the campus would be absorption-type water chilling units which would operate largely on by-product steam at the central heating and power plant. Such equipment would require a smaller installation cost than separate units in individual buildings, and would utilize Mill Race water as an ideal condenser cooling medium. It would provide more flexible operation for standby and take advantage of diversified loads, and could be operated and serviced by competent personnel within the central utility plant.

It is estimated that the initial equipment, having a capacity of 1,050 tons, and the necessary piping through the existing utility tunnels would require an investment of about $430,000. This unit would be adequate to serve the Erb Memorial Student Union, the proposed Library Addition, and the Student Health Service Building, and possibly also the proposed Second Addition to the Science Building. Funds for a portion of the cost would be available from the construction budgets of these projects, if authorized.

With the concurrence of the Chancellor, President Flemming recommended that the Report on Cooling of Spaces at the University of Oregon, prepared by J. Donald Kroeker and Associates, Consulting Engineers, be accepted. Following further analysis by the staff of the institution and the Board's Office, if a recommendation for the construction of the central cooling plant is recommended, an appropriate report will be presented to the Board.

The Board discussed the air conditioning provisions which were already included in the budgets for projects to be constructed within the near future and for which funds are available. It was pointed out that the funds contemplated for these projects would provide approximately half of the total cost of the first unit of a central cooling system but that the required additional $200,000, if provided, would probably necessitate the elimination of urgently needed academic facilities. It was suggested that possibly only a portion of the first unit might be constructed in order to stay within the funds presently provided for air cooling in some of the current projects. Because of the need to conserve all possible resources in order to include the Oregon State Pharmacy Building in the projects for this biennium, the opinion was expressed that the additional funds probably could not be made available even though the central cooling plant would be very desirable in terms of the
substantial long-range savings on essential air conditioning and even though very favorable conditions exist at the University of Oregon for the installation of a central cooling plant.

The Board approved the recommendation as presented by President Fleming.

Lease of Oregon Forest Nursery from Board of Forestry, OSU

Under authority granted at the January 27, 1953, Board meeting, a 50-year lease to the Board of Forestry was executed on August 31, 1954, for approximately 20 acres. The area involved is adjacent to the Peavy Arboretum site and McDonald Forest and for a number of years has been operated cooperatively with the Board of Forestry.

President Jensen has reported that it is now advisable for Oregon State University to assume responsibility for the operation of the cooperative forest genetics program. Accordingly, the Board of Forestry has agreed to release approximately 8.25 acres of Higher Education land from the previous lease, and to lease, with no rental payments, approximately 82 acres to Oregon State University for 20 years, thus making a 90-acre tract to be known as the Oregon Forest Nursery. The new lease also defines the buildings to be used by the two cooperating parties.

President Jensen recommended, with the concurrence of the Chancellor, that authorization be given to Board officers to execute a lease embodying the provisions noted.

The Board approved the recommendation as presented.

Report of Acceptance of Final Plans for Utility Tunnel Electrification, OSU

A portion of the funds being made available from Series 1964 bond borrowings for utility tunnel improvements at Oregon State University will be used to finance the installation of primary electrical service in the tunnel to serve buildings along Campus Way from Apperson Hall to Cordley Hall and in the new tunnel serving the Women's Building. Engineer W. Bruce Morrison and his consultants, Grant Kelley & Associates, have completed the final plans and specifications for this work; and upon the recommendation of institutional officials, these documents have been accepted by the Board's Office. Bids are scheduled to be received in Corvallis on August 25, 1964.

Under the provisions of Chapter 548, Oregon Laws 1963, the expenditure for the utility tunnel improvements (the new tunnel on College Drive and these electrical services) may not exceed $465,000. To extend the ability of the Board to finance as many capital outlay projects as possible within the $12,000,000 available from the sale of Series 1964 general obligation bonds, however, the "target" budget is $396,500. Of this amount, approximately $98,000 is being allocated for the construction of the new tunnel on College Drive, as reported in another agenda item. The remainder, or about $298,500, is expected to cover the cost of the proposed electrification work, including direct construction costs of approximately $274,000, professional services fees, supervision, contingencies, etc.
With the concurrence of the Chancellor, President Jensen recommended that the appropriate Board officials be authorized to solicit bids and award a construction contract for the utility tunnel electrification project at Oregon State University within a total budget of approximately $298,500.

The Board approved the recommendations as presented.

The Board's Office accepted the final plans and specifications which Engineer W. Bruce Morrison prepared for the extension of the utility tunnel along College Drive (26th Street) on the campus of Oregon State University and for the replacement of the swimming pool filter system in the Women's Building, and bids therefor were received in Corvallis on July 21, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>7</td>
<td>$54,920</td>
<td>$135,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>50,450</td>
<td>61,822</td>
</tr>
<tr>
<td>Combination of General and Mechanical Work</td>
<td>5</td>
<td>106,856</td>
<td>130,300</td>
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Inasmuch as the sum of the low bids is within the allowance for direct construction, President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to award construction contracts and approve the following budget for the project:

**Direct Construction Costs:**

- General Work - Quentin Greenough, Inc., Corvallis: $54,920

**Total direct construction costs**: $105,370

**Engineering Fees**: 5,269

**Construction supervision, landscaping and miscellaneous physical plant costs**: 7,200

**Contingencies (approximately 2 percent of direct construction costs)**: 2,161

**Total project costs**: $120,000

Of the total project costs, approximately $22,000 would be provided from the institutional operating budget for the replacement of the swimming pool filter system in the Women's Building, $3,000 would be charged against the capital outlay appropriation made by Chapter 548, Oregon Laws 1963 (released by the State Emergency Board on June 28, 1963), and the remainder of approximately $95,000 would be financed from Series 1964 bond borrowings.

The construction of the 575 lineal foot utility tunnel along College Drive (26th Street) will include the installation of steam supply and return piping with connections to services within the existing tunnels at each end. As noted in another agenda item, bids are expected to be received on August 25, 1964, for the installation of primary electrical service in this new tunnel and in the Campus Way tunnel. These utility improvements were authorized by the 1963 Legislature.

The Board accepted the report and confirmed the contract awards.

In accordance with authorization granted by the Board when rehabilitation funds were made available for certain alterations in Agriculture Hall at Oregon State University, Engineer W. Bruce Morrison prepared plans and specifications for the installation of an automatic fire sprinkling system. The low bid of $23,509 received for the work on July 14 was well within the estimate and a contract award was made to C. J. Hausen Company of Salem. Only one other valid bid was received, and it was in the amount of $24,989.

Bids were received simultaneously for the installation of an automatic fire sprinkling system in Mitchell Playhouse, the funds for which are being provided from the physical plant operating budget of the institution. A contract award was made to the low bidder, Grinnell Company of Oregon, whose proposal of $7,989 was within the budget allowance. The only other valid bid was in the amount of $8,839.

Upon the advice of the Board's attorney, a bid submitted by a contractor under a different corporate name than that which had been granted prequalification approval was declared invalid.

The Board accepted the report and confirmed the contract award.

Acceptance of Final Plans & Specifications for Alterations to Old Library Building, OSU

The preliminary plans for the alterations to the old library building at Oregon State University were reviewed and approved by the Board on October 23, 1962. Subsequently, in order to finance the project, which was identified in Chapter 548, Oregon Laws 1963, as "Space for Mathematics Department Offices, Language Laboratory and Classroom Facilities," the Board authorized the use of funds obtained from the sale of Series 1964 general obligation bonds.

Oregon State University officials and Architects Hewlett and Jamison have filed with the Board's Office the completed working drawings and specifications for the conversion of the old library building into office and classroom use. These plans are in substantial agreement with the approved preliminary plans, but some changes have been made to accommodate the Department of Statistics, to provide space for audio-visual services including television studios, and to provide additional offices for the Department of Mathematics. As revised, the structure will contain approximately 99 offices, 20 classrooms, 3 instructional laboratories, a seminar room, recording studios, computer rooms, and related service and storage areas. The gross area to be remodeled is approximately 63,542 square feet.

The architects estimate that the direct construction costs will be approximately $643,045 including air conditioning within only a very small portion of the project, namely the computer rooms and television studios which must have air cooling because of the equipment and the heat gain associated with its usage. Except for the first floor and balcony of the west wing (retained for library use and not included in the area to be remodeled at this time), provision will be made in the remainder of the building for ductwork for the possible installation of air conditioning equipment initially or at some future time. The estimated additional cost for such work is $78,784.
Several deductive alternates are being provided to give reasonable assurance of receipt of bids within the funds available for the project. These alternates include the possible omission of language laboratory equipment, the deletion of remodeling on the second floor of the west wing, the substitution of floor tile, and the omission of exterior shade screens, etc. The maximum expenditure limitation imposed by Chapter 548, Oregon Laws 1963, is $750,000 including not only the direct construction costs but professional services fees, movable equipment and other project costs such as construction supervision, contingencies, etc.

With the concurrence of the Chancellor, President Jensen recommended the acceptance of the final plans and specifications for the alterations to the old library building at Oregon State University and recommended also that the appropriate Board officials be authorized to solicit bids and award construction contracts within a budget total of $750,000 to be financed from Series 1964 general obligation bond borrowings.

The Board approved the recommendations as presented.

President Stevenson, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Arant property located within the campus boundaries at 504 Palm Avenue, Ashland, Oregon. The property consists of a lot totaling approximately 8,275 square feet on which is located a pumice block residence. An option has been obtained which involves the payment to Mr. and Mrs. Arant of $7,650 in cash plus the right to remove the house and outbuildings at 462 Palm Avenue owned by the Board. Appraisals on the Arant property have been obtained by the Board in the amounts of $9,800 and $10,000, thus imputing a value of about $2,250 for the right to remove the buildings. Both properties are in the area of the construction of the classroom scheduled to be bid in August 1964, and funds are to be provided from the 1964 bond issue for higher education facilities.

The Board approved the recommendation as presented.

At the September 1962 meeting, the Board approved the preliminary plans for the proposed Classroom, Laboratory, and Office Building at Southern Oregon College prepared by Architect Robert J. Keeney of Medford. It was indicated that the gross area of the building would be approximately 38,418 square feet and that the total project cost, including air conditioning equipment would be approximately $955,000. Funds for the building were expected to be provided from a state appropriation, but as a result of the defeat of the 1963 Legislative tax program and the consequent reduction of capital outlay appropriations by the 1963 Special Session of the Legislature, the Board has included this project among those to be financed from Series 1964 general obligation bond borrowings.

Southern Oregon College officials and the architect have filed with the Board's Office a set of the final plans and specifications for the project which are in substantial agreement with the approved preliminary plans. Some rearrangement of rooms has been made and the structural system has been modified to provide reinforced concrete in lieu of SCR brick. The building will contain 24 classrooms, 9 laboratories and 30 offices.
Recognizing a small amount of additional mechanical space required, the increased width of corridors from 8½ to 10 feet, and provision for three additional classrooms in the basement (the interior finish of which will be bid as an alternate), the gross area of the structure has been increased to 41,571 square feet. For the basic program, the architect estimates that the direct construction costs will be approximately $765,642. At the request of the Board's Office, the air conditioning equipment is being bid as an additive alternate and the contingency reserve is being limited to 2 percent of the direct construction costs in an effort to extend the capacity of the Board to finance as many of the high priority capital construction projects from Series 1964 bond borrowings as possible. The "target" budget for this building, including site acquisition, is $895,000, or $60,000 less than the maximum expenditure limitation imposed by Chapter 548, Oregon Laws 1963. The direct construction costs of $765,642 average approximately $18.83 per square foot if the unfinished basement classroom area is discounted at 50 percent.

With the concurrence of the Chancellor, President Stevenson recommended that the final plans and specifications for the proposed Classroom, Laboratory and Office Building at Southern Oregon College be approved and the appropriate officials of the Board be authorized to solicit bids and award construction contracts within a total budget of approximately $895,000. Except for $40,000 appropriated by Chapter 548, Oregon Laws 1963, and previously released by the State Emergency Board, the project will be financed from Series 1964 bond borrowings.

In the discussion it was indicated that although it was recognized that the limitation of funds would not permit including air conditioning equipment at this time except as a bid alternate, the opinion was expressed that perhaps air conditioning for buildings at institutions in the warmer parts of the state such as Ashland and La Grande should have a higher priority than the other institutions. However, it was also noted that air conditioning might be even more necessary on the larger campuses because of the temperature problem resulting from larger buildings which house a greater number of people and have extensive interior lighting and do not have the natural air circulation which is possible with smaller buildings.

The Board approved the recommendations as presented.

Upon the recommendation of President Stevenson, Architect Robert J. Keeney of Medford is being commissioned to prepare plans and specifications for the final two units of Cascade Hall, the dormitory complex at Southern Oregon College. It is expected that housing and dining facilities will be provided in these units for a total of approximately 210 students, thus increasing the capacity of Cascade Hall to about 822 residents. Of the total project cost estimate of $950,000 for Units H and I, including the acquisition of a portion of the site not owned by the state, approximately $742,000 is budgeted for the direct construction costs. Contract arrangements with Mr. Keeney contemplate professional service fees of 5 percent of direct construction costs of the building, including 1 percent for the preparation of preliminary plans. Funds required for the planning are available to the institution from restricted fund balances from dormitory operations, student building fees, etc. The
construction of the project is subject to legislative authorization in 1965 and is included in the tentative listing of capital outlay items to be financed from self-liquidating bonds and restricted fund balances.

The Board confirmed the appointment of the architect.

Among the proposed capital outlay projects to be financed from self-liquidating bonds and other restricted funds during 1965-1967 at Southern Oregon College is the construction of approximately 25 apartments for married students. These units are intended to replace a portion of the temporary quadruplex buildings identified as the College Court apartments which are inadequate and unattractive to most student families.

As noted in the summary report of married student housing presented at the April 1964 meeting, there were 254 married male students enrolled on the Ashland campus during the fall term 1963, representing approximately 23 percent of the total male enrollment. Within the fifty-nine houses and apartments available for rental, including various properties acquired as sites for future buildings and general campus development, twenty-two were occupied by married male students and their families.

In view of the Board's request to examine the occupancy policy for any new married student housing development, President Stevenson has advised that highest priorities of assignment in the proposed new apartments will be given to graduate students, then to seniors and juniors— in that order— with the understanding that on some occasions it may be desirable to accommodate institutional personnel for a designated maximum period of time.

The Chancellor recommended that this occupancy policy be accepted as presented by President Stevenson.

The Board accepted the statement as presented.

At its meeting of March 9, 1964, the Board authorized the acquisition for Portland State College of the Montgomery property, one of the properties necessary for the construction of the parking structure in Block 191 in the City of Portland.

Pursuant to final decree of the Circuit Court of Multnomah County, dated July 13, 1964, the property was acquired for $90,000, plus costs and attorneys fees.

The Board accepted the report.
At its meeting of March 9, 1964, the Board authorized the acquisition for Portland State College of the Buchwach property, one of the properties necessary for the construction of the parking structure in Block 191 in the City of Portland.

Pursuant to final decree of the Circuit Court of Multnomah County, dated June 1, 1964, the property was acquired for $19,800, plus costs and attorneys fees.

The Board accepted the report.

President Millar has reported that the Physical Education Building is to be constructed on Blocks 231 and 238 in the City of Portland, in order to construct the building, it will be necessary to request the City of Portland to vacate the following street areas:

1. S. W. Tenth Avenue between S. W. Hall and S. W. College Street;

2. That portion of S. W. College Street located between S. W. Tenth Avenue and the State Highway Commission property acquired for the construction of the Freeway;

3. That portion of S. W. Eleventh Avenue between S. W. Hall Street and the property owned by the State Highway Commission for the construction of the Freeway.

Official request of the City for vacating the streets may need to be deferred until the Board has ownership to all abutting properties.

Therefore, President Millar, with the concurrence of the Chancellor, has recommended that the officers of the Board be authorized to take all legal steps necessary at the appropriate time for vacating the street areas required for the Physical Education Building.

The Board approved the recommendation as presented.

President Millar has reported that the State Highway Commission intends to purchase the V & D Investment Company property at 1221-31 S.W. Montgomery Street, Portland, consisting of a 50 by 100 foot lot on which is located a brick veneer, eight-plex apartment building. The Highway Commission has need for approximately 1,125 square feet of the land and is willing to sell the building and the remaining 3,875 square feet of land to the Board for $23,500. The property is located in the double block now intended for a parking structure.

President Millar, with the concurrence of the Chancellor, has recommended that appropriate Board officers be authorized to enter into a purchase agreement with the State Highway Commission for the building and residual part of the land at a price of $23,500. Funds are to be allocated from those made available by the sale of Series 1963 B bonds.

In connection with this item, Mr. Lemman outlined plans for purchasing a small adjacent lot on which to move all or a half of the 8-plex, at least a portion of which would otherwise be razed by the highway construction. Mr. Forrester encouraged the purchasing and moving of all 8 units, the rentals from which would more than pay off the cost,
The Board approved the recommendation as presented.

On September 10, 1963, the Board was advised that the construction of the proposed Radioactive Isotopes Laboratory for Oregon Technical Institute was being deferred since the 1963 Legislative tax program was being referred to the people. Funds for this project had been appropriated by the 1963 Legislature but were immobilized by the Department of Finance and Administration pending the outcome of the October 15, 1963, election. Similarly, bidding for the basic landscaping, walks and other site improvements was deferred also.

At the December 1963 meeting, the Board established a relatively high priority for the construction of the Radioactive Isotopes Laboratory and for the most important site improvements at Oregon Technical Institute. It was indicated that expenditures not to exceed $342,386 would be financed, if possible, from general obligation bond borrowings if the voters approved the constitutional amendment recommended by the 1963 Legislature for financing higher educational facilities. Approval of Ballot Measure No. 1 made it possible for the Board to sell such bonds following the receipt of bids on July 8, 1964.

Architects Skidmore, Owings & Merrill have completed the final plans and specifications of the site work essential to utilize the new campus facilities and have reissued the plans and specifications for the Radioactive Isotopes Laboratory Building. Bids for this work are scheduled to be received in Portland on August 7, 1964.

With the concurrence of the Chancellor, President Purvine recommended that the appropriate Board officials be authorized to award contracts to the low bidders if satisfactory proposals are received for the construction of the Radioactive Isotopes Laboratory, access roads, walks, outside lighting, partial irrigation system and other landscaping work within a budget total of approximately $240,000. It was noted that much of the landscaping work is being deferred and the funds required therefor are being requested as a part of the capital construction program for 1965-1967. The portion of the site work to be bid at this time includes only the most essential items for the central core of the campus.

The remaining portion of the bond proceeds of $342,386, mentioned as being tentatively allocated for the completion of the educational and general plant, will be required for instructional equipment for the various buildings now being finished.

The Board approved the recommendation as presented.

Report of Bids for Science-Mathematics Building, EOC

Under the provisions of Chapter 548, Oregon Laws 1963, the expenditure limitation for the proposed Science-Mathematics Building at Eastern Oregon College is $875,000. As reported to the Board on September 10, 1963, when bids were authorized for this building, a target budget of $795,000 was established in order to make it possible to construct as many of the buildings authorized by the 1963 Legislature as funds would allow. Budget reductions for most of these capital outlay projects were accomplished by reducing contingencies from five to two percent of direct construction costs,
by deferring the installation of air conditioning and purchases of other equipment, by deferring certain land purchases, etc.) Subsequently, when petitions were filed for the referral of the legislative tax program, plans for the Science-Mathematics Building were withdrawn from bidding and the project was deferred until funds became available through the sale of general obligation bonds authorized by the voters on May 15, 1964.

The construction bids received on July 8, 1964, may be summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>6</td>
<td>$512,126</td>
<td>$621,055</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>8</td>
<td>161,054</td>
<td>186,000</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>8</td>
<td>74,737</td>
<td>103,700</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the low bids exceeded the estimate of Architects Hewlett and Jamison by approximately 14 percent, construction awards were not made by the Board's Office. However, a recommendation for contract awards has been formulated by President Bennett and endorsed by the Chancellor.

By exercising bid alternates to omit air conditioning, the elevator, a small amount of the built-in laboratory equipment, the asphaltic paving, and some of the floor covering in the classrooms, by deleting some of the chalkboards, and by decreasing the amount budgeted for movable furnishings and equipment, the construction of the Science-Mathematics Building may be undertaken within a budget total of $815,000, as follows:

**Direct Construction Costs:**

- General Work - Bechtel Bros., La Grande $512,126
- Less - Adjustment for omission of some chalkboards and some floor covering $8,328 $503,798
- Mechanical Work - Longview Plumbing and Heating Company, Longview, Washington 161,054
- Electrical Work - Tice Electric Company, Portland 74,737
- Total Direct Construction Costs 739,589
- Architectural Fees 43,099
- Site Work and Miscellaneous Costs 3,500
- Furnishings and Equipment 9,020
- Construction Supervision 5,000
- Contingencies (2 percent of direct construction costs) 14,792
- Total 815,000

This total is slightly higher than the target budget of $795,000, but is $60,000 less than the expenditure limitation imposed by the 1963 Legislature, which, in turn was based upon the Board's request for a state appropriation for construction.
In order to supplement the limited budget for movable furnishings and equipment, it is contemplated that the contingency funds would be reserved to the maximum extent possible and that no request would be made to the Board for additional funds for such equipment. It is anticipated, however, that following the receipt of bids for all of the projects to be financed from Series 1964 bond borrowings, if sufficient savings are realized on such projects, it may be possible to reinstate one or more of the alternates described above for the Science-Mathematics Building. The basic program for which initial contract awards would be made would provide a completed building containing a gross area of approximately 31,030 square feet and would constitute a major improvement in the facilities for science instruction at Eastern Oregon College.

With the concurrence of the Chancellor, President Bennett recommended that the appropriate Board officials be authorized to award construction contracts to the low bidders and approve the budget outlined above in the total amount of $815,000 for the Science-Mathematics Building at Eastern Oregon College. Funds for the project are to be provided from Series 1964 general obligation bonds sold July 8, 1964.

The Board approved the recommendations as presented.

Among the capital construction projects for which state fund financing is expected to be requested from the 1965 Legislature is an item of $85,000 for the rehabilitation of certain areas within the Administration Building at Eastern Oregon College which will be available for different uses upon the completion of the Science-Mathematics Building. The work includes (1) the conversion of rooms presently used for science instruction into classrooms, laboratories for art, and music practice rooms, and (2) the renovation of the stage area and lighting within the auditorium, including the installation of air conditioning units.

Upon the recommendation of President Bennett, with the concurrence of the Chancellor, arrangements have been made with Architect Wesley V. Korman of Pendleton to assist the staff of the institution in preparing plans and specifications for the alterations in the Administration Building. For the remodeling work which would be accomplished by the physical plant department, the professional services fee will be on a time and materials basis not to exceed $2,000; and for plans, specifications, and construction supervision of the work to be done by outside contractors, Mr. Korman's fee will be 10 percent of the direct construction costs. For the preliminary planning of the total project, estimated to require no more than $1,400, funds will be provided from the operating budget of the institution.

The Board confirmed the appointment of the architect.
At the September 1963 meeting, the Board was advised of an application for funds to the U. S. Department of Health, Education and Welfare to assist in the improvement of educational television facilities at Portland and Corvallis.

Necessary applications were also filed with the Federal Communications Commission. The program adopted by the Board proposed increasing the power of Channel 10 from 30 kilowatts to 70 kilowatts and relocating the transmitter and tower of Channel 7 from Vineyard Hill to Mary's Peak and increasing the power from 29 kilowatts to 145 kilowatts. Cost of the projects was then estimated at $469,400, of which the federal government was to provide $314,550, and the state $154,850.

In January 1964, the application for Channel 7 was modified so as to retain the facilities at Vineyard Hill and to increase the power to 266 kilowatts. The construction budgets, as modified, are as follows:

<table>
<thead>
<tr>
<th></th>
<th>Proposed Federal Grant</th>
<th>State Sources</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Channel 7, near Corvallis</td>
<td>$227,459</td>
<td>$75,820</td>
<td>$303,279</td>
</tr>
<tr>
<td>For Channel 10 in Portland</td>
<td>106,292</td>
<td>35,431</td>
<td>141,723</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$333,751</strong></td>
<td><strong>$111,251</strong></td>
<td><strong>$445,002</strong></td>
</tr>
</tbody>
</table>

The federal government has now advised that it is necessary to have assurance of matching funds totaling $111,251 having been budgeted or allocated before further review of the applications. Close liaison has been maintained with the Educational Television Subcommittee of the Governor's Coordinating Council for Education and with the State Department of Education, both of which have endorsed the program.

It was recommended by Dr. Sherburne, with the concurrence of the Chancellor, that a reservation of the necessary matching funds be sought from the State Emergency Board.

Dr. Sherburne emphasized the importance of an immediate commitment with the federal government since federal funds are limited. He introduced Dr. Luke Lamb, Director of Educational Media, who distributed and commented on a report covering pertinent information on the application. Dr. Lamb described the replacement and added equipment which would give greater capacity for use of video tape, complete a two-way microwave link between the studio and the transmitter, and enlarge the present coverage area by giving a better signal to cable companies now carrying programs to Eastern and Southern Oregon and to other cable companies which have indicated they will carry programs when they can get an adequate signal. Operational savings in new and replacement equipment will more than balance additional electric power required. Federal sources will furnish 75 percent of the money and state sources the remaining 25 percent for the project.

Dr. Lamb stated that morning and afternoon educational television hours are reserved for instructional programs for the public schools and the interinstitutional television courses. The evening hours carry local educational programs, material furnished by National Educational Television and other programs.

The Board approved the recommendation.
Among the projects for which state funds are expected to be requested during 1965-1967 is an Office and Educational Media Center Building for the Corvallis Continuation Center on the campus of Oregon State University. The estimated total cost of this project is $680,000, of which approximately $500,000 relates to the direct construction costs.

Upon the recommendation of Vice Chancellor Sherburne, endorsed by Oregon State University officials and the Chancellor, arrangements have been made for the appointment of Architects Hamlin and Martin of Eugene for the design and construction supervision of this project. The fee for the professional services is 6 percent of the direct construction costs including 1 percent for preliminary planning. Funds for the preliminary planning in the amount of approximately $5,000 are being made available from the operating budget of Division of Continuing Education.

The Board confirmed the appointment of the architects.

In general when architectural services are to be secured at an estimated cost exceeding $1,000, the institution concerned reviews the proposed project with at least three qualified and experienced architects. The Vice Chancellor for Business Affairs is then notified of three architectural firms which would be acceptable to the institution, usually in preferential order of selection. His office then reviews the situation with the architects and negotiates a basis of fee payment. Proposed employment arrangements are subject to consideration and action by the Department of Finance and Administration before entering into a contract.

The fee arrangements recognize the recommended minimum schedule of charges of both the Portland Chapter and Southwest Oregon Chapter of the American Institute of Architects, which are not identical. Consideration is also given to the specific requirements for architectural services for each project and the valuable assistance given to the architects by experienced and qualified institutional personnel, thereby reducing materially the extent of services and cost of the architects. To varying degrees, institution’s personnel include employees who analyze space requirements for any project, and who are intimately acquainted with design and material needs. Employees include institutional architects and engineers, experienced physical plant superintendents, business managers, and others.

The Board accepted the report.

In connection with the development of the six-year building program, it appears essential to establish a specific policy relating to the allocation of capital outlay costs for central heating and other utility service facilities between self-supporting (auxiliary) enterprises and educational and general projects. The following policy is proposed:

In general, the costs of capital outlays for future central heating and other utility services, including major additions and improvements thereto, shall be allocated between state funds and restricted
funds (self-liquidating bonds and balances) in proportion to the respective total capacities required for (1) the educational and general plant, and (2) auxiliary enterprises (dormitories, health services, student center, athletic facilities, etc.). Such a policy would be expected to become effective with the capital construction program beginning July 1, 1965, but without retroactive application.

The Board approved the statement as presented.

The capital construction program of the Board of Higher Education for the 1965-1967 biennium has been assembled by the Board's staff in accordance with policies established by the Board over a period of several years. Although these policies appear in various sets of minutes or are implicit in Board actions, they have not been assembled before in a single document. These policies are as follows:

1. Master campus plans are to be developed and adopted for each of the institutions under the control of the State Board of Higher Education. Master campus plans have been completed recently for Southern Oregon College, the University of Oregon, Portland State College, and Oregon Technical Institute. Plans are in progress at Oregon State University, Oregon College of Education, and Eastern Oregon College. These plans include campus boundaries, ultimate and intermediate enrollment predictions, proposed sites for buildings, parking requirements, pedestrian circulation, density of buildings, and student housing requirements for both single and married students, etc.

2. The basic admission policies for the six multi-purpose institutions shall be a "C" average for resident entering freshmen with the qualification that a 2.25 GPA will be required for resident freshmen entering the fall term 1964 at the University of Oregon, Oregon State University and Portland State College; and the non-resident requirement for entering freshmen shall be 2.75. In each case, equivalencies may be established on the basis of performance on appropriate test scores. Admission requirements at the special purpose institutions (Oregon Technical Institute, the University of Oregon Medical School and the University of Oregon Dental School) vary according to the requirements at each institution.

The Board will review the above admission requirements annually, and if it proposes to establish any changes in admission requirements, notice thereof shall be given at least one year in advance of the effective date in order that high schools may advise students and plan programs with them in an orderly fashion.

3. The space use objectives adopted by the Board of Higher Education shall serve as a guide for planning construction needs during the biennia ahead. Insofar as classrooms and laboratories are concerned, the construction programs for 1965-1967, 1967-1969, and 1969-1971 have been projected on the basis of standards even higher than those officially adopted by the
Board. Whereas 30 hours of scheduled occupancy is the standard for classrooms, with 18 hours as the minimum objective for scheduled use of classroom student stations, the construction program is based upon minimum objectives of 33 hours of scheduled occupancy of classrooms and 19.8 hours of scheduled occupancy of classroom student stations per week. Whereas the standards for scheduled occupancy in laboratories and laboratory student stations currently are 20 hours and 16 hours, respectively, the construction program is based upon scheduled occupancies of 22 hours for laboratory rooms and 16.5 hours for laboratory student stations per week. Since the University of Oregon Medical School and the University of Oregon Dental School are special purpose institutions, they are not strictly held to these standards.

In the event it becomes clear that the institutions can operate on this higher standard without impairment of the educational program, an appropriate recommendation for an increase in the standards will be submitted to the Board.

Furthermore, the Board has adopted various building area standards for planning faculty office spaces, library stack and reader spaces, classroom student stations, etc., the details of which are outlined in the minutes of the June 12, 1962, meeting.

4. Land for occupancy by buildings for which state appropriated funds will be sought will be purchased from state appropriated funds. Land for buildings for which self-liquidating bond money and balances will be used will be purchased from self-liquidating bond money and balances.

5. Construction funds for buildings to be used for educational and other general purposes shall be sought through state appropriation. Construction funds for buildings for auxiliary enterprises shall be sought from self-liquidating bonds and institutional balances. This policy has been worked out through the past several years in cooperation with the legislature and its Ways and Means Committee.

6. Financing programs for buildings to be constructed from self-liquidating bonds and institutional balances shall be supported by a policy requiring that an institution have a reserve equivalent to the debt service costs over a two-year period and that the anticipated earnings be 1 1/4 times the anticipated annual amortization costs for bonds issued prior to August 1963; and 1 1/2 times the amortization costs for bonds issued subsequent to that date. Furthermore, each institution, as well as the entire State System, must demonstrate this financial capacity before construction projects are undertaken.

7. Air conditioning shall be planned in libraries, classrooms, laboratories, and other similar facilities. In the event the financial program will not permit the inclusion of the actual air conditioning equipment, it shall be Board policy to make
provision within the air distribution system for the possible later installation of the actual cooling equipment.

8. Normally, in soliciting bids, the Board will seek separate quotations for at least three major categories of work (general, mechanical, and electrical). In cases where substantial amounts of built-in equipment are included, separate bids will be sought on such equipment.

9. In general, the costs of capital outlays for future central heating and other utility services, including major additions and improvements thereto, shall be allocated between state funds and restricted funds (self-liquidating bonds and balances) in proportion to the respective total capacities required for (1) the educational and general plant, and (2) auxiliary enterprises (dormitories, health services, student centers, athletic facilities, etc.). Such a policy would be expected to become effective with the capital construction program beginning July 1, 1965, but without retroactive application.

The procedures followed by the institutions and the Board’s Office for implementing the policies noted above are as follows:

1. Projection of enrollments over a ten-year period for individual institutions, and for the State System.

2. The maintenance of an inventory of existing facilities at each institution including the recording of square footage inventories on punched cards.

3. The completion of annual space use studies at each of the institutions.

4. The determination of additional space needs at each institution, the determination to be made by the institutional staff with consultation from the staff of the Central Office. This determination is based upon enrollment projections, the space inventory, space use studies, and the standards of space use established by the Board. In addition, institutions and the Board’s Office take into account the obsolescence of existing buildings and the functions of the institution, including research and public service needs.

5. The preparation of institutional project lists for three biennia categorized in accordance with the Board’s policy that buildings be constructed from appropriated funds and from self-liquidating bond money plus balances. As required by statute, the Governor’s capital program for the State of Oregon requires that these project lists cover the needs for three biennia. The needs for the immediate biennium are described and analyzed in much more detail than for the following two biennia.

6. The preparation of priority lists for the institutional projects for the 1965-1967 biennium in the two categories, the
priority lists to be prepared by institutional staff in consultation with Board's staff.

7. The fusing of institutional priority lists into a System-wide priority list, 1965-1967 biennium in the two categories. The Board's Office takes into account the degree to which the Board's standards are met at the several institutions, rate of growth, institutional functions, obsolescence, and subjective judgment in part.

8. The consideration of the priority lists by the Board of Higher Education. These priority lists are to be considered by the Board at this July meeting and submitted to the Governor no later than August 3.

9. Submission of the approved priority lists to Governor Hatfield by August 3.

10. The preparation and approval of preliminary plans for approved projects. For most of the projects included in the recommended capital construction program for 1965-1967, preliminary plans have been prepared.

11. The preparation and approval of final plans and specifications. In the event these final plans and specifications contain no significant modifications from the preliminary plans, they are not returned to the Board of Higher Education for consideration but are acted upon by the Board's Office.

Capital construction projects involving state funds are subject to at least six levels of review as follows:

1. By the institutional executive before the project is submitted to the Board's Office.

2. By the Board's Office staff before the project is recommended to the Board of Higher Education.

3. By the Board of Higher Education.

4. By the Department of Finance and Administration before inclusion in the Governor's capital construction program.

5. By the Ways and Means Committee during consideration of the Board of Higher Education's capital construction budget.

6. By the Emergency Board, to the extent applicable.

After a project has been funded, the following steps occur:

1. Construction bids are solicited;

2. Contracts are awarded;

3. Construction is supervised by both the architect and the institutional staff;
4. Finished projects are inspected and accepted by Board's Office staff.

Board members asked whether there was a formula indicating the percentage of the student body for which housing should be provided or a formula to be used as a guide in determining the need for construction of married student housing. It was stated that no actual formula existed but that the single student housing ranged from 30 to 45 percent of the single students and that in determining whether new single student housing should be constructed, consideration was given to enrollment projections, availability of facilities on the campus and within the city, and the ability to finance new construction. Regarding married student housing, it was indicated that it was felt that the institutions had a responsibility to provide housing to the extent that adequate and reasonably priced housing could not be made available through private enterprise in the community; and also that the number of units should not exceed the financing capacity of the institution. It was indicated also that there should be conservative assurance that the units would be filled when completed. It was noted that some of the married student housing proposed for the next biennium would provide replacement of older, undesirable units, and also that the volume of construction proposed for 1967-1969 and 1969-1971 was tentative and subject to change.

The Board expressed an interest in the development of a more extensive air conditioning policy to take into account the needs of individual institutions and classrooms and the possibility of establishing a priority listing which would recognize differences between institutions and types of facilities. It was noted in the discussion that central cooling systems would appear to be feasible only if there were an existing tunnel system and perhaps an adequate water supply. It was indicated that further and continuing study by the Board's Office would be given to the air conditioning policy.

The Board accepted the above report and reaffirmed the policies and procedures as outlined therein.

State Fund Requests for Capital Outlay during 1965-1967 (Educational and General Plant)

The Chancellor recommended approval of the following capital construction program, including land purchases, for which state funds are to be requested from the 1965 Legislature totaling $44,620,000. Subject to legislative action, a portion of the funds required may be provided from bond borrowings authorized by the constitutional amendment approved by the voters on May 15, 1964. Although it is not feasible for individual Board members to examine the calculations which have produced the estimates for each of the projects, nor is it feasible for Board members to check the calculations which have led the Board's staff to conclude that all of these projects are needed and consistent with Board's standards, Board members can reaffirm the policies which led to the assembling of this construction program and express its judgment on the procedures which are followed in developing the program. Furthermore, the actual adoption of this capital construction program, if the policies and procedures involved are approved, expresses confidence that the policies have been followed and that the calculations are accurate.
<table>
<thead>
<tr>
<th></th>
<th>Project Description</th>
<th>Square Foot Area</th>
<th>Estimated State Fund Requirements</th>
<th>Cumulative Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>UO Science Building, Second Addition</td>
<td>99,558</td>
<td>$2,525,000*</td>
<td>$2,525,000</td>
</tr>
<tr>
<td>2.</td>
<td>OSU Cordley Hall, First Addition</td>
<td>123,411</td>
<td>2,710,000*</td>
<td>5,235,000</td>
</tr>
<tr>
<td>3.</td>
<td>PSC Library-West, including land, and Alterations to Existing Library for Offices and Air Cooling</td>
<td>110,884</td>
<td>3,025,000</td>
<td>8,260,000</td>
</tr>
<tr>
<td>4.</td>
<td>SOC Physical Education Building Addition</td>
<td>40,000</td>
<td>660,000</td>
<td>8,920,000</td>
</tr>
<tr>
<td>5.</td>
<td>Various Land Purchases</td>
<td></td>
<td>250,000</td>
<td>9,170,000</td>
</tr>
<tr>
<td>6.</td>
<td>PSC South Park Hall Addition</td>
<td>98,800</td>
<td>2,385,000</td>
<td>11,555,000</td>
</tr>
<tr>
<td>7.</td>
<td>SOC Heating Plant Boiler and Steam Line Renovation</td>
<td></td>
<td>55,000</td>
<td>11,610,000</td>
</tr>
<tr>
<td>8.</td>
<td>SOC Library Building</td>
<td>65,000</td>
<td>1,585,000</td>
<td>13,195,000</td>
</tr>
<tr>
<td>9.</td>
<td>EOC Rehabilitation of Administration Building</td>
<td></td>
<td>85,000</td>
<td>13,280,000</td>
</tr>
<tr>
<td>10.</td>
<td>OCE Library Building Addition and Alterations</td>
<td>18,979</td>
<td>530,000</td>
<td>13,810,000</td>
</tr>
<tr>
<td>11.</td>
<td>UOMS Outpatient Clinic Building Addition and Alterations</td>
<td>63,573</td>
<td>2,705,000</td>
<td>16,515,000</td>
</tr>
<tr>
<td>12.</td>
<td>Various Land Purchases</td>
<td></td>
<td>200,000</td>
<td>16,715,000</td>
</tr>
<tr>
<td>13.</td>
<td>UO Classroom, Office, Teaching Center</td>
<td>73,241</td>
<td>2,055,000</td>
<td>18,770,000</td>
</tr>
<tr>
<td>14.</td>
<td>SOC Science Building, Second Unit, including land</td>
<td>52,000</td>
<td>1,385,000</td>
<td>20,155,000</td>
</tr>
<tr>
<td>15.</td>
<td>OSU Central Heating Plant Boiler</td>
<td></td>
<td>80,000</td>
<td>20,235,000</td>
</tr>
<tr>
<td>16.</td>
<td>OSU Family Study Center, including land</td>
<td>20,508</td>
<td>545,000</td>
<td>20,780,000</td>
</tr>
<tr>
<td>17.</td>
<td>OSU Mechanical Engineering Building</td>
<td>62,963</td>
<td>1,835,000</td>
<td>22,615,000</td>
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<tr>
<td>18.</td>
<td>EOC Library Building Addition and Alterations</td>
<td>11,024</td>
<td>430,000</td>
<td>23,045,000</td>
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<tr>
<td>19.</td>
<td>UOMS Library Building Addition and Alterations</td>
<td>9,837</td>
<td>305,000</td>
<td>23,350,000</td>
</tr>
<tr>
<td>20.</td>
<td>OTI Paving, Planting and Utilities Supplement</td>
<td></td>
<td>80,000</td>
<td>23,430,000</td>
</tr>
<tr>
<td>21.</td>
<td>PSC Rehabilitation of Old Main</td>
<td></td>
<td>120,000</td>
<td>23,550,000</td>
</tr>
<tr>
<td>22.</td>
<td>PSC State Hall, N.E. Unit, Including land</td>
<td>63,000</td>
<td>1,670,000</td>
<td>25,220,000</td>
</tr>
<tr>
<td>23.</td>
<td>PSC Physical Plant Service Building including land</td>
<td>28,500</td>
<td>565,000</td>
<td>25,785,000</td>
</tr>
<tr>
<td>24.</td>
<td>DCE Office and Educational Media Center Building, Corvallis Continuation Center</td>
<td>36,300</td>
<td>680,000</td>
<td>26,465,000</td>
</tr>
<tr>
<td>25.</td>
<td>Various Land Purchases</td>
<td></td>
<td>200,000</td>
<td>26,665,000</td>
</tr>
<tr>
<td>26.</td>
<td>UO Science Building, Third Addition</td>
<td>57,078</td>
<td>1,585,000*</td>
<td>28,250,000</td>
</tr>
<tr>
<td>27.</td>
<td>UO Women's Physical Education Building Addition</td>
<td>48,320</td>
<td>1,150,000</td>
<td>29,400,000</td>
</tr>
<tr>
<td>28.</td>
<td>UO Laboratory Building at Marine Biology Station, Charleston</td>
<td>23,600</td>
<td>210,000*</td>
<td>29,610,000</td>
</tr>
<tr>
<td>29.</td>
<td>OSU Cordley Hall, Second Addition</td>
<td>74,462</td>
<td>2,185,000</td>
<td>31,795,000</td>
</tr>
<tr>
<td>30.</td>
<td>OSU Administration Building</td>
<td>98,810</td>
<td>2,445,000</td>
<td>34,240,000</td>
</tr>
<tr>
<td>Project Description</td>
<td>Estimated Square Foot Area</td>
<td>Estimated State Fund Requirements</td>
<td>Cumulative Total</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>-----------------------------------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td>31. UO Administration Building</td>
<td>68,000</td>
<td>$1,710,000</td>
<td>$35,950,000</td>
<td></td>
</tr>
<tr>
<td>32. OCE Science Laboratories and Offices, including land</td>
<td>11,445</td>
<td>425,000</td>
<td>36,375,000</td>
<td></td>
</tr>
<tr>
<td>33. Various Land Purchases</td>
<td></td>
<td>200,000</td>
<td>36,575,000</td>
<td></td>
</tr>
<tr>
<td>34. OSU Utility Tunnel Extensions</td>
<td></td>
<td>285,000</td>
<td>36,860,000</td>
<td></td>
</tr>
<tr>
<td>35. UOMS Central Incinerator Plant</td>
<td>1,500</td>
<td>60,000</td>
<td>36,920,000</td>
<td></td>
</tr>
<tr>
<td>36. OSU Library Building, First Addition</td>
<td>59,720</td>
<td>1,315,000</td>
<td>38,235,000</td>
<td></td>
</tr>
<tr>
<td>37. UOMS Teaching Hospital Addition and Alterations</td>
<td>76,088</td>
<td>3,195,000</td>
<td>41,430,000</td>
<td></td>
</tr>
<tr>
<td>38. Various Land Purchases</td>
<td></td>
<td>280,000</td>
<td>41,710,000</td>
<td></td>
</tr>
<tr>
<td>39. OTI Instructional Equipment</td>
<td></td>
<td>105,000</td>
<td>41,815,000</td>
<td></td>
</tr>
<tr>
<td>40. UODS Installation of Central Water Chilling Equipment To Provide Air Cooling for Ground, First, Second and Third Floors of the Dental School Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41. OSU Nuclear Reactor Addition to Radiation Center</td>
<td>8,214</td>
<td>355,000*</td>
<td>42,270,000</td>
<td></td>
</tr>
<tr>
<td>42. UOMS Alterations to Fifth Floor, Medical Science Building</td>
<td></td>
<td>295,000</td>
<td>42,565,000</td>
<td></td>
</tr>
<tr>
<td>43. OTI Auditorium (Addition to Library-Commons Building)</td>
<td>5,550</td>
<td>165,000</td>
<td>42,730,000</td>
<td></td>
</tr>
<tr>
<td>44. UODS Renovation of Fifth Floor</td>
<td></td>
<td>20,000*</td>
<td>42,750,000</td>
<td></td>
</tr>
<tr>
<td>45. DCE Office and Studio Building, Second Addition, Portland, including land</td>
<td>18,644</td>
<td>525,000</td>
<td>43,275,000</td>
<td></td>
</tr>
<tr>
<td>46. OTI Landscaping</td>
<td></td>
<td>245,000</td>
<td>43,520,000</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td><strong>43,520,000</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Special Capital Outlay Projects Conditional upon Receipt of Equal or Greater Gift and Grant Funds: 1,000,000 $44,520,000

Advance Planning Funds for Buildings Proposed for Construction during 1967-1969 (net of advance planning funds which may become available from the Housing and Home Finance Agency) and Master Campus Planning Funds: 100,000 $44,620,000

**Total** $44,620,000

* Amounts indicated for these projects exclude portions of total project costs expected to be financed from federal grants:

<table>
<thead>
<tr>
<th>Estimated Federal Grant Fund</th>
<th>Estimated Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>UO Science Building, Second Addition</td>
<td>$570,000</td>
</tr>
<tr>
<td>OSU Cordley Hall, First Addition</td>
<td>583,662</td>
</tr>
<tr>
<td>UO Science Building, Third Addition</td>
<td>420,000</td>
</tr>
<tr>
<td>UO Laboratory Building at Marine Biology Station, Charleston</td>
<td>455,000</td>
</tr>
</tbody>
</table>
Meeting #329

OSU Nuclear Reactor Addition to Radiation Center
UODS Renovation of Fifth Floor

Construction cost estimates are based on 106 percent of the June 1964 price level and exclude portions of the total project costs expected to be financed from federal gifts and grants, from self-liquidating bond borrowings and other restricted fund balances, where applicable.

The Board approved the recommended list of capital construction and land purchases, aggregating $44,620,000 in cost during biennium 1965-1967, to be financed from state funds, including bond borrowings authorized by the voters May 15, 1964.

Requests for Capital Outlay During 1965-1967 To Be Financed from Self-Liquida
ing Bond Borrowings & Other Restricted Funds

OREGON STATE BOARD OF HIGHER EDUCATION

PRIORITY LISTING OF CAPITAL CONSTRUCTION AND LAND PURCHASES TO BE FINANCED FROM SELF-LIQUIDATING BOND BORROWINGS AND OTHER RESTRICTED FUNDS

March 1, 1965, to February 28, 1967

(Subject to modification as enrollment data become known and financing becomes available.)

<table>
<thead>
<tr>
<th>Approximate Capacities of Housing Facilities</th>
<th>Estimated Total Project Cost</th>
<th>Cumulative Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Various Land Purchases</td>
<td>$392,000</td>
<td>$392,000</td>
</tr>
<tr>
<td>2. FSC Student Health Service Facilities</td>
<td>185,000</td>
<td>577,000</td>
</tr>
<tr>
<td>3. SOC Heating Plant Boiler Addition and Steam Line Renovation (Partial cost; remainder to be financed from state funds)</td>
<td>55,000</td>
<td>632,000</td>
</tr>
<tr>
<td>4. SOC Cascade Hall, Units H and I, including land</td>
<td>950,000</td>
<td>1,582,000</td>
</tr>
<tr>
<td>5. OSU Two Cooperative Houses</td>
<td>445,000</td>
<td>2,027,000</td>
</tr>
<tr>
<td>6. OSU Central Heating Plant Boiler (Partial cost; remainder to be financed from state funds)</td>
<td>50,000</td>
<td>2,077,000</td>
</tr>
<tr>
<td>7. OSU Dormitory No. 9, including land</td>
<td>1,590,000</td>
<td>3,667,000</td>
</tr>
</tbody>
</table>
8. UO Recreational Facilities:
   a. Handball and Tennis Courts
   b. Swimming Pool

9. OSU Dormitory at Yaquina Bay Marine Sciences Laboratory

10. UO Dormitory

11. OTI Residence Hall Addition

12. SOC Married Student Housing

13. UOMS Parking Structure (for approximately 261 cars)

14. OSU Dormitory No. 10 and Cafeteria

15. SOC Dormitory, including land

16. EOC Hunt Hall, Second Addition

17. SOC Britt Student Center Addition

18. OSU Utility Tunnel Extensions (Partial cost; remainder to be financed from state funds)

19. PSC Outdoor Athletic Facilities (possible joint venture with City of Portland)

<table>
<thead>
<tr>
<th></th>
<th>Approximate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Capacities</td>
</tr>
<tr>
<td></td>
<td>of Housing</td>
</tr>
<tr>
<td></td>
<td>Facilities</td>
</tr>
<tr>
<td></td>
<td>Estimated</td>
</tr>
<tr>
<td></td>
<td>Total Cost</td>
</tr>
<tr>
<td></td>
<td>Cumulative</td>
</tr>
<tr>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>8. UO Recreational</td>
<td>$ 155,000</td>
</tr>
<tr>
<td>Facilities:</td>
<td>$ 395,000</td>
</tr>
<tr>
<td>a. Handball and Tennis</td>
<td></td>
</tr>
<tr>
<td>Courts</td>
<td>$ 3,822,000</td>
</tr>
<tr>
<td>b. Swimming Pool</td>
<td>$ 4,217,000</td>
</tr>
<tr>
<td>9. OSU Dormitory at</td>
<td>50</td>
</tr>
<tr>
<td>Yaquina Bay Marine</td>
<td>105,000</td>
</tr>
<tr>
<td>Sciences Laboratory</td>
<td>4,322,000</td>
</tr>
<tr>
<td>10. UO Dormitory</td>
<td>162</td>
</tr>
<tr>
<td>11. OTI Residence Hall</td>
<td>240</td>
</tr>
<tr>
<td>Addition</td>
<td>260,000</td>
</tr>
<tr>
<td>12. SOC Married Student</td>
<td>25</td>
</tr>
<tr>
<td>Housing</td>
<td>6,177,000</td>
</tr>
<tr>
<td>13. UOMS Parking</td>
<td>415,000</td>
</tr>
<tr>
<td>Structure (for</td>
<td>6,592,000</td>
</tr>
<tr>
<td>approximately 261 cars)</td>
<td></td>
</tr>
<tr>
<td>14. OSU Dormitory No.</td>
<td>373</td>
</tr>
<tr>
<td>10 and Cafeteria</td>
<td>2,370,000</td>
</tr>
<tr>
<td>15. SOC Dormitory,</td>
<td>200</td>
</tr>
<tr>
<td>including land</td>
<td>950,000</td>
</tr>
<tr>
<td>16. EOC Hunt Hall,</td>
<td>104</td>
</tr>
<tr>
<td>Second Addition</td>
<td>385,000</td>
</tr>
<tr>
<td>17. SOC Britt Student</td>
<td>370,000</td>
</tr>
<tr>
<td>Center Addition</td>
<td>10,667,000</td>
</tr>
<tr>
<td>18. OSU Utility Tunnel</td>
<td></td>
</tr>
<tr>
<td>Extensions (Partial</td>
<td>170,000</td>
</tr>
<tr>
<td>cost; remainder to be</td>
<td>10,837,000</td>
</tr>
<tr>
<td>financed from state</td>
<td></td>
</tr>
<tr>
<td>funds)</td>
<td></td>
</tr>
<tr>
<td>19. PSC Outdoor Athletic</td>
<td></td>
</tr>
<tr>
<td>Facilities (possible</td>
<td>245,000</td>
</tr>
<tr>
<td>joint venture with</td>
<td>11,082,000</td>
</tr>
<tr>
<td>City of Portland)</td>
<td></td>
</tr>
<tr>
<td>Various additional</td>
<td>2,000,000</td>
</tr>
<tr>
<td>projects or increased</td>
<td>13,082,000</td>
</tr>
<tr>
<td>costs of projects listed</td>
<td></td>
</tr>
<tr>
<td>subject to Emergency</td>
<td></td>
</tr>
<tr>
<td>Board authorization</td>
<td></td>
</tr>
</tbody>
</table>

For projects scheduled to begin construction prior to January 1966, estimates are based upon 103 percent of the June 1964 price level. For projects scheduled to begin construction in January 1966 or thereafter, estimates are based upon 106 percent of the June 1964 price level.

The Board approved the recommendation as presented.

Tentative Requests for State Funds for Capital Outlay During 1967-1969 & 1969-1971, as shown in the following listing:

<table>
<thead>
<tr>
<th>Oregon State Board of Higher Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMMARY LISTING OF INSTITUTIONAL REQUESTS FOR CAPITAL OUTLAY (EDUCATIONAL AND GENERAL PLANT) 1967-1971</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Central Heating Plant Boiler</td>
<td>$35,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Education Building</td>
<td>530,000</td>
<td></td>
</tr>
<tr>
<td>3. Physical Education Building Addition</td>
<td>$770,000</td>
<td></td>
</tr>
<tr>
<td>Totals - Eastern Oregon College</td>
<td>$1,335,000</td>
<td>$</td>
</tr>
</tbody>
</table>
### Meeting #329

#### Oregon College of Education:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Science-Mathematics Building Addition</td>
<td>$405,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Physical Education Building Addition</td>
<td>395,000</td>
<td></td>
</tr>
<tr>
<td>3. Fine Arts Building</td>
<td></td>
<td>475,000</td>
</tr>
<tr>
<td><strong>Totals - Oregon College of Education</strong></td>
<td>$800,000</td>
<td>$475,000</td>
</tr>
</tbody>
</table>

#### Oregon State University:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Forestry Building</td>
<td>$1,735,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Agricultural Sciences Building</td>
<td>3,690,000</td>
<td></td>
</tr>
<tr>
<td>3. Earth Sciences Building, including land</td>
<td>830,000*</td>
<td></td>
</tr>
<tr>
<td>4. Production Technology Building</td>
<td>2,260,000</td>
<td></td>
</tr>
<tr>
<td>5. Physical Plant Complex</td>
<td>1,350,000</td>
<td></td>
</tr>
<tr>
<td>6. Central Heating Plant Boiler</td>
<td>175,000</td>
<td></td>
</tr>
<tr>
<td>7. Men's Physical Education Building Addition</td>
<td>1,225,000</td>
<td></td>
</tr>
<tr>
<td>8. Women's Physical Education Building Addition</td>
<td>1,060,000</td>
<td></td>
</tr>
<tr>
<td>9. Civil Engineering Building</td>
<td></td>
<td>2,795,000</td>
</tr>
<tr>
<td>10. Remodeling or Replacement of Agriculture Hall (General Office and Classroom Building for Humanities and Social Sciences)</td>
<td>1,230,000</td>
<td></td>
</tr>
<tr>
<td>11. Remodeling of Mines Building</td>
<td>170,000</td>
<td></td>
</tr>
<tr>
<td>12. Physical Science Building</td>
<td>2,900,000</td>
<td></td>
</tr>
<tr>
<td>13. Remodeling of Agricultural Engineering Building</td>
<td>165,000</td>
<td></td>
</tr>
<tr>
<td>14. Remodeling of Engineering Laboratory</td>
<td>310,000</td>
<td></td>
</tr>
<tr>
<td>15. Remodeling of Forestry Building</td>
<td>250,000</td>
<td></td>
</tr>
<tr>
<td>16. Library, Second Addition</td>
<td>1,420,000</td>
<td></td>
</tr>
<tr>
<td>17. Dearborn Hall Addition</td>
<td>740,000</td>
<td></td>
</tr>
<tr>
<td>18. Replacement of Fixed Equipment in Chemistry Building</td>
<td>215,000</td>
<td></td>
</tr>
<tr>
<td>19. Food Science Building Addition</td>
<td>475,000*</td>
<td></td>
</tr>
<tr>
<td>20. Auditorium and Playhouse</td>
<td>1,030,000</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - Oregon State University</strong></td>
<td>$12,325,000</td>
<td>$11,700,000</td>
</tr>
</tbody>
</table>

#### Southern Oregon College:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Remodeling of Old Library Classroom Building</td>
<td>$215,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Music Building, including land</td>
<td>695,000</td>
<td></td>
</tr>
<tr>
<td>3. Physical Plant Building</td>
<td>375,000</td>
<td></td>
</tr>
<tr>
<td>4. Heating Plant Building Addition and Boiler</td>
<td></td>
<td>55,000</td>
</tr>
<tr>
<td>5. Theater Building, including land</td>
<td></td>
<td>320,000</td>
</tr>
<tr>
<td><strong>Totals - Southern Oregon College</strong></td>
<td>$1,285,000</td>
<td>$375,000</td>
</tr>
</tbody>
</table>

#### University of Oregon:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Music Building, First Addition</td>
<td>$415,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Architecture and Allied Arts Building Addition</td>
<td>890,000</td>
<td></td>
</tr>
<tr>
<td>3. Behavioral Science Building</td>
<td>$1,375,000*</td>
<td></td>
</tr>
<tr>
<td>4. Education Building Addition</td>
<td>605,000</td>
<td></td>
</tr>
<tr>
<td>5. Science Building, Fourth Addition</td>
<td>940,000*</td>
<td></td>
</tr>
<tr>
<td>6. Museum of Natural History</td>
<td>530,000*</td>
<td></td>
</tr>
<tr>
<td>7. Animal Laboratory Addition</td>
<td>200,000*</td>
<td></td>
</tr>
<tr>
<td>8. Continuation Center, including land (Exclusive of amount listed below for Division of Continuing Education, item number 2)</td>
<td>710,000</td>
<td></td>
</tr>
<tr>
<td>9. Classroom and Office Building</td>
<td></td>
<td>655,000</td>
</tr>
<tr>
<td>10. Physical Education Field House</td>
<td>1,050,000</td>
<td></td>
</tr>
<tr>
<td>11. Science Building, Fifth Addition</td>
<td>1,425,000*</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - University of Oregon</strong></td>
<td>$5,665,000</td>
<td>$3,130,000</td>
</tr>
</tbody>
</table>

---

*Notations and acronyms were kept as provided in the original text to maintain clarity and context.
Meeting #329  
July 27-28, 1964

UNIVERSITY OF OREGON DENTAL SCHOOL:
1. Dental School Building Addition
   $2,415,000  $    

UNIVERSITY OF OREGON MEDICAL SCHOOL:
   $    1.  

PORTLAND STATE COLLEGE:
1. Science Building Addition, including land
   $3,110,000  $    
2. State Hall, S.W. Unit
   1,190,000    
3. Library-West Addition, including land
   2,430,000    
4. Physical Education Building Addition, including
   Heating Plant Addition and land
   795,000    
5. Physical Plant Service Building Addition
   485,000    
Totals - Portland State College
   $4,300,000  $3,710,000

OREGON TECHNICAL INSTITUTE:
   $    1.  

DIVISION OF CONTINUING EDUCATION:
1. Capitol Television Studio Equipment, Salem
   $130,000    
2. Continuation Center, Eugene (Partial Cost;
   remainder of project to be financed from
   state funds listed above for University of
   Oregon, item number 3)
   230,000    
Totals - Division of Continuing Education
   $360,000  $    
Subtotals - New Construction Projects and
Major Alterations to Existing Buildings
   $28,485,000  $19,390,000

Land Purchases
1,875,000  1,875,000

Special Capital Outlay Projects Conditional Upon
Receipt of Equal or Greater Gift and Grant Funds
1,000,000  1,000,000

Advance Planning Funds for Buildings Proposed for
Construction During 1967-1969 and Master Campus
Planning Funds (Requested in 1965-1967)
100,000    

Advance Planning Funds for Buildings Proposed for
Construction During 1969-1971
195,000  (195,000)

GRAND TOTALS
$31,455,000  $22,070,000

*Amounts indicated for these projects exclude portions of project costs expected to
be financed from federal grants:

<table>
<thead>
<tr>
<th></th>
<th>Estimated Federal Grant Fund</th>
<th>Estimated Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSU Earth Sciences Building, including land</td>
<td>$830,000</td>
<td>$1,660,000</td>
</tr>
<tr>
<td>UO Behavioral Science Building</td>
<td>475,000</td>
<td>1,850,000</td>
</tr>
<tr>
<td>UO Science Building, Fourth Addition</td>
<td>715,000</td>
<td>1,655,000</td>
</tr>
<tr>
<td>UO Museum of Natural History</td>
<td>105,000</td>
<td>635,000</td>
</tr>
<tr>
<td>UO Animal Laboratory Addition</td>
<td>105,000</td>
<td>305,000</td>
</tr>
<tr>
<td>Totals</td>
<td>$2,230,000</td>
<td>$6,105,000</td>
</tr>
<tr>
<td>OSU Food Science Building Addition</td>
<td>475,000</td>
<td>950,000</td>
</tr>
<tr>
<td>UO Science Building, Fifth Addition</td>
<td>445,000</td>
<td>1,425,000</td>
</tr>
<tr>
<td>Totals</td>
<td>$920,000</td>
<td>$2,375,000</td>
</tr>
</tbody>
</table>
Cost estimates are based upon 106 percent of the June 1964 price level. The amounts indicated exclude portions of project costs expected to be financed from federal gifts and grants, self-liquidating bond borrowings and other restricted fund balances.

The Chancellor recommended that the capital construction programs outlined for the 1967-1969 and 1969-1971 biennia be approved for transmittal to the Governor's office with the understanding that appropriate review and reevaluation would be made as each biennium is approached, and modifications would be made as future developments necessitate. System-wide priorities have not been established but the projects are listed in the priority order within each institution as recommended by the institutional executives. The total capital outlay requirements for 1967-1969 are estimated at $31,455,000. For the biennium 1969-1971, the requirements total $22,070,000.

The Board approved the recommendation as presented.

**Tentative Capital Outlay Requests for 1967-1969 and 1969-1971 from Self-Liquidating Bond Borrowings & Other Restricted Funds**

**OREGON STATE BOARD OF HIGHER EDUCATION**

**SUMMARY LISTING OF INSTITUTIONAL REQUESTS FOR CAPITAL CONSTRUCTION TO BE FINANCED FROM SELF-LIQUIDATING BOND BORROWINGS AND OTHER RESTRICTED FUNDS**

March 1, 1967 to February 28, 1969

(Arranged in order of institutional priorities; subject to modification as enrollment date become known and financing becomes available)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Approximate Capacities of Housing Facilities</th>
<th>Estimated Start</th>
<th>Estimated Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eastern Oregon College</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Central Heating Plant Boiler (Partial cost; remainder to be financed from state funds)</td>
<td></td>
<td>June 1967</td>
<td>$20,000</td>
</tr>
<tr>
<td>2. Athletic Facilities (Portion of cost of swimming pool)</td>
<td></td>
<td>Aug. 1967</td>
<td>$120,000</td>
</tr>
<tr>
<td>3. Dormitory for Women Students, including land</td>
<td>120</td>
<td>Sept. 1968</td>
<td>$635,000</td>
</tr>
<tr>
<td>4. Dormitory for Men Students</td>
<td>90</td>
<td>Sept. 1968</td>
<td>$580,000</td>
</tr>
<tr>
<td>Total - Eastern Oregon College</td>
<td></td>
<td></td>
<td>$1,355,000</td>
</tr>
<tr>
<td><strong>Oregon College of Education</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 7</td>
<td>147</td>
<td>Mar. 1968</td>
<td>$665,000</td>
</tr>
</tbody>
</table>
## OREGON STATE UNIVERSITY

1. Dormitory No. 11
2. Central Heating Plant Boiler (Partial cost; remainder to be financed from state funds)
   - Total - Oregon State University

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Capacity</th>
<th>Start</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>373</td>
<td>May 1968</td>
<td>$1,530,000</td>
</tr>
<tr>
<td>Feb. 1968</td>
<td></td>
<td>65,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$1,595,000</td>
</tr>
</tbody>
</table>

## SOUTHERN OREGON COLLEGE

1. Dormitory
2. Married Student Housing
3. Dormitory, including land
4. Athletic Stadium
   - Total - Southern Oregon College

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Capacity</th>
<th>Start</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>Aug. 1967</td>
<td>$465,000</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>Oct. 1967</td>
<td>$525,000</td>
</tr>
<tr>
<td></td>
<td>100</td>
<td>Aug. 1968</td>
<td>$500,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oct. 1968</td>
<td>$110,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$1,600,000</td>
</tr>
</tbody>
</table>

## UNIVERSITY OF OREGON

1. Dormitory Nos. 8 and 9
2. Dormitory at Charleston, Oregon
3. Married Student Housing
4. Student Union Facilities in Chapman Hall
5. Dormitory Administration and Student Center Building
6. Parking Structure (approximately 603 cars)
7. Student Union Facilites:
   - Behavioral Science Building
   - Northeast Campus (Science Complex)
   - Continuation Center, including land (partial cost; remainder to be financed from state funds)
8. Married Student Housing
   - Total - University of Oregon

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Capacity</th>
<th>Start</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>792</td>
<td>May 1967</td>
<td>$4,125,000</td>
</tr>
<tr>
<td></td>
<td>63</td>
<td>April 1968</td>
<td>$285,000</td>
</tr>
<tr>
<td></td>
<td>67</td>
<td>Sept. 1967</td>
<td>$755,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 1967</td>
<td>$145,000</td>
</tr>
<tr>
<td></td>
<td>Jan. 1968</td>
<td></td>
<td>$315,000</td>
</tr>
<tr>
<td></td>
<td>Sept. 1967</td>
<td></td>
<td>$830,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>120</td>
<td>June 1968</td>
<td>$710,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>July 1968</td>
<td>$1,380,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$8,980,000</td>
</tr>
</tbody>
</table>

## PORTLAND STATE COLLEGE

1. Parking Structure Addition (approximately 342 cars)

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Capacity</th>
<th>Start</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>July 1967</td>
<td>$545,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## UNASSIGNED

1. Land Purchases

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Capacity</th>
<th>Start</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$392,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$15,132,000</td>
</tr>
</tbody>
</table>

Cost estimates are based upon 106 percent of the June 1964 price level.
SUMMARY LISTING OF INSTITUTIONAL REQUESTS FOR
CAPITAL CONSTRUCTION TO BE FINANCED FROM SELF-LIQUIDATING
BOND BORROWINGS AND OTHER RESTRICTED FUNDS

March 1, 1969, to February 28, 1971

(Arranged in order of institutional priorities; subject to modification as enrollment data become known and financing becomes available)

<table>
<thead>
<tr>
<th>OREGON COLLEGE OF EDUCATION</th>
<th>Approximate Capacities of Housing Facilities</th>
<th>Estimated Construction Start</th>
<th>Estimated Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dining Hall and Kitchen</td>
<td>147</td>
<td>Aug. 1969</td>
<td>$ 950,000</td>
</tr>
<tr>
<td>2. Dormitory No. 8</td>
<td></td>
<td>Jan. 1971</td>
<td>$ 640,000</td>
</tr>
<tr>
<td><strong>Total - Oregon College of Education</strong></td>
<td></td>
<td></td>
<td><strong>$ 1,590,000</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OREGON STATE UNIVERSITY</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dormitory No. 12 &amp; Cafeteria</td>
<td>373</td>
<td>May 1970</td>
<td>$ 2,365,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOUTHERN OREGON COLLEGE</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dormitory &amp; Kitchen &amp; Dining Facilities</td>
<td>100</td>
<td>Aug. 1969</td>
<td>$ 1,065,000</td>
</tr>
<tr>
<td>2. Heating Plant Building Addition &amp; Boiler</td>
<td></td>
<td>Aug. 1969</td>
<td>55,000</td>
</tr>
<tr>
<td>3. Married Student Housing</td>
<td>25</td>
<td>Aug. 1970</td>
<td>$ 265,000</td>
</tr>
<tr>
<td><strong>Total - Southern Oregon College</strong></td>
<td></td>
<td></td>
<td><strong>$ 1,445,000</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIVERSITY OF OREGON</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dormitory No. 10 and Kitchen</td>
<td>378</td>
<td>Feb. 1970</td>
<td>$ 2,045,000</td>
</tr>
<tr>
<td>2. Dormitory No. 11</td>
<td>378</td>
<td>Feb. 1971</td>
<td>$ 1,800,000</td>
</tr>
<tr>
<td>3. Dormitory Central Service Building</td>
<td></td>
<td>Aug. 1969</td>
<td>615,000</td>
</tr>
<tr>
<td>4. Married Student Housing</td>
<td>80</td>
<td>Aug. 1969</td>
<td>960,000</td>
</tr>
<tr>
<td>5. Student Union Facilities, Classroom and Office Building</td>
<td></td>
<td>March 1970</td>
<td>295,000</td>
</tr>
<tr>
<td>6. Parking Structure (approximately 536 cars)</td>
<td></td>
<td>Aug. 1969</td>
<td>$ 1,065,000</td>
</tr>
<tr>
<td><strong>Total - University of Oregon</strong></td>
<td></td>
<td></td>
<td><strong>$ 6,780,000</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIVERSITY OF OREGON MEDICAL SCHOOL</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Completion of Seventh Floor of Dormitory for Women Students</td>
<td>34</td>
<td>May 1969</td>
<td>$ 65,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PORTLAND STATE COLLEGE</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Parking Structure, including land (approximately 550 cars)</td>
<td></td>
<td>Feb. 1970</td>
<td>$ 1,385,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNASSIGNED</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Land Purchases</td>
<td></td>
<td></td>
<td>$ 392,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>$13,987,000</strong></td>
</tr>
</tbody>
</table>

Cost estimates are based upon 106 percent of the June 1964 price level
The Chancellor recommended that the institutional requests for capital expenditures to be financed from self-liquidating bonds and other restricted funds during 1967-1969 and 1969-1971 be transmitted to the Governor's office as part of the six-year capital construction program for the Department of Higher Education. The requirements for 1967-1969 are estimated at $15,132,000, and those for 1969-1971 at $13,987,000.

The Board approved the recommendation as presented.

Report of Bids for Student Health Service Building, UO

Pursuant to authorization granted by the Board on September 10, 1963, when the preliminary plans for the proposed Student Health Service Building at the University of Oregon were reviewed and approved, bids for the project were received on July 24, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>3</td>
<td>$616,639</td>
<td>$655,233</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>164,128</td>
<td>199,639</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>62,101</td>
<td>84,605</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the bids was within the allowance provided to Architects Balzhiser, Seder & Rhodes, University of Oregon officials have recommended that contract awards be made and that the following budget be approved for the project:

Direct Construction Costs:
- General Work - Gale M. Roberts Co., Eugene $616,639
- Mechanical Work - Willis Mechanical Contractor, Eugene 164,128
- Electrical Work - Clarke Electric Co., Eugene 62,101

Total Direct Construction Costs $842,868

Architects' and engineering fees 52,069

Air Conditioning Equipment (including fees and contingencies) 34,000

Construction supervision 9,000

Furnishings and equipment 81,540

Physical plant, legal and miscellaneous costs 8,380

Contingencies (5% of direct construction costs) 42,143

Total $1,070,000

Sources of Funds

Series 1963 General Obligation Bonds (par value $1,070,000 @ 98.131) $1,050,002

Restricted fund balances (including participation by Urban Renewal Agency in site work) 19,998

Total project costs $1,070,000

For the gross area of 37,987 square feet, the direct construction costs, excluding air conditioning equipment, average $22.19 per square foot.

It is anticipated that contract awards will be made by the appropriate Board officials following clearance of title to the site which is being arranged with the Urban Renewal Agency of Eugene.

The Board confirmed the contract awards.
Meeting #329  
July 27-28, 1964

Authorization To Solicit Bids & Award Contracts for Construction of Classroom, Laboratory and Office Building, OCE

The final plans and specifications for the proposed Classroom, Laboratory and Office Building at Oregon College of Education, as prepared by Architects Wolff & Zimmer, were reviewed and approved by the Board on January 20, 1964, it was indicated that a "target" budget of approximately $734,015 was being established for the project by deferring the installation of air conditioning equipment and by reducing the contingency item from five to two percent. This total is somewhat less than the maximum expenditure limitation of $820,000 contained within Chapter 548, Oregon Laws 1963, and is intended to assist the Board in financing as many of the buildings and land purchases as possible within the funds available.

With the concurrence of the Chancellor, President Rice recommended that the appropriate Board officials be authorized to solicit bids and award construction contracts for the proposed Classroom, Laboratory and Office Building at Oregon College of Education within a budget of approximately $734,015. Funds required for the project would be provided from Series 1964 bond borrowings except for the preliminary planning costs of $5,727 which were paid from the Board's unrestricted funds.

The Board approved the recommendation as presented.

Changes in 1964-65 Budget Resulting from Actions of State Emergency Board

After the 1964-65 operating budget was approved by the Board on April 28, 1964, restorations of state funds and appropriations from the State Emergency Fund were approved by the State Emergency Board on May 29 and June 12, 1964. Because of these actions and certain other adjustments in estimated resources from other funds, the following changes have been made in the 1964-65 operating budget.

I. Changes in Estimated Resources

A. Restorations of state operating funds previously removed from the budgets by action of the 1963 Special Session of the Legislature and the Governor, following the election of October 15, 1963, on the 1963 income tax law:

Instruction, Related Research and General Services:

- Restoration to avoid increase in student fee rates during fall, winter, and spring terms of year 1964-65 $2,740,675
- Restoration to avoid increase in 1964 summer session fee rates 245,561
- Restoration of plant rehabilitation funds to care for repairs and alterations in Agriculture Hall, OSU 161,000
- Teaching Hospitals and Outpatient Clinic, UOMS 106,094
- Crippled Children's Division, UOMS 53,726
- Total Restorations of State Funds $3,307,056
B. New appropriations from State Emergency Fund:

Experiment Stations, Agricultural Research:

For study of Animal Virus in Cattle $ 25,000
For study of Cherry Rosette disease 10,500

C. Decreases in estimated income from student fee and other sources:

Fees during fall, winter and spring terms (2,827,675)
Summer session fees, 1964 (245,561)
Net reduction of estimated patient fee income and patient fee balances carried forward, in Teaching Hospitals and Clinic, UOMS (28,807)

D. Increases in estimated income from nonstate sources:

Federal funds for Crippled Children's Division 71,713
Overrealized fee income from Board's Unappropriated Fund during year 1963-64 to assist in offsetting tuition reduction 87,000

E. Increase in balance of State Funds available from 1963-64 in Teaching Hospitals and Clinic, UOMS 91,001

Total net increase in estimated resources $ 490,227

II. Increases in Budgeted Expenditures

A. Instruction, Related Research and General Services:

Rehabilitation of Agriculture Hall at OSU, from restoration of state funds, as above $ 161,000

B. Teaching Hospitals and Clinic, UOMS:

From restoration of state funds, as above $106,094
From net decrease in estimated resources from patient fees and payments from state welfare commission, as above (28,807)
From increase in balance of state funds available for year 1964-65, as above 91,001 168,288

C. Crippled Children's Division:

From restoration of state funds, as above 53,726
From increase in estimated federal funds, as above 71,713 125,439
D. Experiment Stations, Agricultural Research:

From Emergency Board appropriations for special research projects, as above $35,500

Total increase in budgeted expenditures year 1964-65 $490,227

Chancellor Lieuallen recommended approval of the above changes in the 1964-65 budget in order to bring the budget into agreement with the Emergency Board actions and the other necessary adjustments.

The Board approved the recommendation as presented.

The 1964 summer session enrollments in the Portland Division of Continuing Education and at Portland State College are slightly under the numbers estimated in the 1964-65 operating budget. It is presently estimated that the student fee income collected will be less than estimated in the budget by $50,341. It was recommended by the Chancellor, with the concurrence of President Millar and Vice Chancellor Sherburne, that the estimated budget deficiency of $50,341 be covered as follows:

<table>
<thead>
<tr>
<th>Reductions in the 1964 summer session budgets as follows:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division of Continuing Education, Portland</td>
</tr>
<tr>
<td>Portland State College</td>
</tr>
<tr>
<td>Application of the entire Board's Reserve for</td>
</tr>
<tr>
<td>Summer Session Contingencies toward the deficiency</td>
</tr>
<tr>
<td>Total amount of deficiency as above</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>$10,871</td>
</tr>
<tr>
<td>14,470</td>
</tr>
<tr>
<td>25,000</td>
</tr>
</tbody>
</table>

It is understood that if student fee income at the two summer sessions should later prove to be greater than now estimated, the overrealized income will be restored to the two budgets in the amounts required to meet necessary expenditures.

The Board approved the recommendation as presented.

President Rice, with the concurrence of the Chancellor, recommended an appropriation of $1,500 from the Board's Unappropriated Fund to match an equal grant from the National Science Foundation to make it possible to purchase instructional scientific equipment at Oregon College of Education for undergraduate students at a total cost of $3,000. The matching funds are required in the provisions of the grant and Oregon College of Education does not have sufficient funds in its 1964-65 budget to provide the required amount of $1,500.

The Board approved the recommendation as presented.
The Coordinating Council for Higher Education in Oregon has been assigned the responsibility of negotiating with the U.S. Office of Education for all colleges and universities in Oregon in connection with the federal funds to provide higher education facilities, approved by Congress in Public Law 88-204. In order to carry out this responsibility, the Coordinating Council will receive the administrative funds referred to in the federal authorization. It is expected that Congress will appropriate the funds authorized in Public Law 88-204 in the near future. In the meantime, the Coordinating Council needs to get work under way to be prepared to carry out its responsibilities under the Higher Education Facilities Act.

A separate state agency is being established by the Coordinating Council to provide the personnel, supplies, equipment and facilities required to carry out this work. Chancellor Lueallen, who is chairman of the Coordinating Council recommended that the Board of Higher Education advance from its Unappropriated Fund the amount of $3,107 to the new state agency which will be known as FEDERAL ASSISTANCE TO HIGHER EDUCATION. This amount of funds will provide during the next three months for staff, materials, travel and equipment necessary to begin the work of the new agency. The agency will be housed in the Capitol Building in Salem.

When funds are appropriated by Congress, the new state agency will reimburse the Board of Higher Education for the amount which has been expended from the recommended advance from Board funds.

The Board approved the recommendation as presented.

Resolution with State Department of Planning and Development intends to conduct a study on the economic development potential of the Willamette Basin and intends to seek federal Housing and Home Finance Agency grant monies in addition to funds or services to be provided by state agencies. Oregon State University through its Department of Agricultural Economics is vitally interested in the program and has proposed that it be authorized to provide staff time totaling $25,367 plus related expenses as its participation in the project. Oregon State University will receive $38,500 through the State Department of Planning and Development from the federal grant.

In order for the State Department of Planning and Development to be in a position to request Housing and Home Finance Agency planning monies totaling $240,334, it needs to be provided with evidence of authorization of each participating state agency of the financial support which it will furnish. For this reason, President Jensen, with the concurrence of the Chancellor, recommended that the following resolution be approved by a roll call vote of the Board:

WHEREAS, the STATE OF OREGON, acting by and through the STATE BOARD OF HIGHER EDUCATION, on behalf of Oregon State University and its Agricultural Experiment Station, desires to provide for an economic development and planning study contributing to an over-all program for future development of the state, and the promotion of general health, safety and welfare of its citizens; and
WHEREAS, the Department of Planning and Development, under and by authority of ORS 184,110 to 184,200 may provide planning assistance for such program and receive financial assistance from the Urban Renewal Administration, as authorized by Section 701 of the Housing Act of 1954, as amended; and

WHEREAS, the Department of Planning and Development is authorized to administer the provisions of ORS 184,110 to 184,200;

NOW, THEREFORE, BE IT HEREBY RESOLVED,

THAT the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University and its Agricultural Experiment Station, hereby requests the Department of Planning and Development to provide planning assistance under authority of ORS 184,110 to 184,200 with such financial assistance as may be provided by the Urban Renewal Administration, under authority of Section 701 of the Housing Act of 1954, as amended. The planning assistance to be provided is more particularly described in a project description which is attached hereto and by reference thereto made a part of this resolution as if fully set forth herein.

THAT the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University and its Agricultural Experiment Station, subject to approval of such planning assistance by the state and federal authorities, hereby authorizes a pledge of staff time, not to exceed a value of $25,667, to the Department of Planning and Development for the purposes of carrying out this planning work.

THAT the Vice Chancellor for Business Affairs and the Secretary of the Oregon State Board of Higher Education are and they are hereby authorized and empowered to execute in the name of the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University for its Agricultural Experiment Station, all necessary contracts and agreement to implement and carry out the purposes specified in this resolution.

On motion by Director Holloway and second by Director Merrifield, the Board approved the recommendations presented and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, 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.
Oregon State University has been harvesting timber on a portion of approximately 12,000 acres of land of the McDonald Forest Tract and the Camp Adair Forest lands. In recent years the harvesting has been accelerated due in part to the blow down occasioned by the October 12, 1962, windstorm. Consequently, there has been a resultant acceleration of sales of timber and income.

President Jensen, with the concurrence of the Chancellor, and with the legal assent of the Board's attorney, recommended that $130,000 in the operations account of the McDonald Forest be invested in the consolidated Pooled Endowment Funds. Income from such investments will be used for forest improvement, research and research fellowships. He also recommended that $60,000 in the operations account of Dunn Forest (Adair Tract) be invested in the consolidated Pooled Endowment Fund with the income to be used solely for research in the School of Agriculture and the School of Forestry.

The Board approved the recommendation as presented.

On June 16, 1959, the Board adopted a program for use of the funds received from the Devers bequest which included a provision that the Medical School could, upon the approval of the Chancellor and the Board, utilize no more than 2 percent of the original principal of the endowment fund in any one year in addition to the income. Use of the fund was to be for the furtherance and improvement of the instructional programs in the Department of Ophthalmology and Otolaryngology, and also for scholarships or stipends to students or resident physicians selected for special training in these departments.

Dean Baird, with the concurrence of the Chancellor, has recommended that $20,000 of the principal of the endowment fund be made available in 1964-65 for use as indicated. This amount, being in addition to income from the endowment fund, currently estimated to approximate $37,000.

The Board approved the recommendation as presented.

President Purvine reported that Mr. Albert L. Stone, instructor in auto-diesel, has invented a hydraulic directional control valve with multiple application. Oregon Technical Institute, in collaboration with the Board's Office, has negotiated with the inventor for an "Assignment of Invention and Patent Rights" agreement which will provide that 15 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 Purvine, 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.
Governor Hatfield has asked to be advised of proposed statutory changes intended to strengthen and/or improve departmental and institutional organizations and services. Copies of bill drafts need not be sent to the Governor. The Chancellor recommended the following new legislation and amendments to present legislation:

I. **Amendment to ORS Chapter 292 to permit payroll deductions for rental of parking spaces on institutional campuses**

The institutional executives have asked for legislative authorization to permit payroll deductions for employees paying charges for rental of parking spaces on the various campuses. Collections of such charges are complicated at the present time. It would require a new section to be added to ORS Chapter 292 to remedy the situation.

ORS Chapter 292 now authorizes deductions from payrolls of state employees for such items as payment to the "United Fund," employee organizations, group life insurance, purchase of savings bonds, etc. The bill would be substantially patterned after House Bill 1255 of the 1961 legislative session and a similar bill introduced during the 1963 Legislature.

II. **Coverage of Board Members under Workman's Compensation Law**

Question has been raised as to whether the Board ought to initiate action which would result in seeking legislative authority to extend SIAC benefits, under ORS Chapter 656, to members of the Board while acting in the performance of their official duties. Board counsel is therefore being sought.

III. **Group Insurance Program for Academic Staff**

It is intended that legislation will be sought authorizing the State Board of Higher Education to make payments on or enter into one or more contracts of insurance for employees holding academic rank to provide medical, surgical, hospital and related services and supplies, life insurance, disability income, accidental death and dismemberment and monthly or weekly indemnity for loss of time due to accident or sickness; depending upon the extent of legislative appropriation, a percentage share of the premium cost to be paid by the State Board of Higher Education.

IV. **Retirement Annuity Program for Academic Staff**

State employees are required to establish and maintain membership with the Public Employees Retirement System based upon the first $4,800 of annual salary. At their option they may secure additional retirement benefits by payment of premium on the salary in excess of $4,800, with the state providing matching funds.
It is proposed that legislation be sought which would authorize the Board to effect arrangements with the academic staff under which the employees might purchase annuity protection on annual salary above $4,800 with either the Public Employees Retirement System, with companies licensed to do business in the State of Oregon, or with nonprofit companies established for the benefit of higher educational institutions with the Board to provide matching funds.

The bill to be submitted would be similar to the one introduced during the 1963 legislative session, as amended.

V. Amendment of ORS 351.350 To Increase Self-Liquidating Bond Borrowing Ceiling of Higher Education

It is proposed that appropriate legislation be introduced to amend the provisions of ORS 351.350 in order to increase the bond borrowing ceiling for self-liquidating and self-sustaining activities for the two-year period beginning March 1, 1965. The amount of the increase to be requested has not as yet been fully determined.

VI. Amendment of ORS 351.570 Relating to the Higher Education Student Loan Fund

Presently, ORS 351.570 relates only to funds obtained by the State Scholarship Commission under the National Defense Education Act of 1958 and amendments thereto. No reference is made in the statute to the Health Professions Educational Assistance Act of 1963. Furthermore, subsection (2) of ORS 351.570 is in conflict with the federal statute.

It is proposed therefore, at the request of the State Scholarship Commission, that a bill be drafted for introduction by the Commission which takes into account federal moneys to be made available under the Health Professions Educational Assistance Act of 1963 and which will amend subsection (2) of ORS 351.570 to bring it into line with the federal statute and continuously appropriate student loan repayment money for the purpose for which it was intended.

The Board approved the recommendation as presented.

On June 12, 1964, the State Emergency Board restored $245,561 to the Board of Higher Education operating appropriation for the biennium 1963-1965 to be applied to reduce the previously announced summer session fee rate for both the 8-weeks and the 11-weeks summer sessions in 1964 for students carrying eight credit hours or more from $132 to $110.

Since action needed to be taken immediately following the Emergency Board decision in order to make the reduced fee effective for students enrolling in the summer sessions during June 1964, it was necessary to obtain a vote of the Executive Committee of the Board by mail. All members of the Executive Committee voted in favor of the reduction in the fee rate to $110 which is the regular term fee to be charged during the academic year 1964-65 as approved by the Board at its meeting of June 9-10, 1964.
The Chancellor, with the approval of the Executive Committee of the Board, recommended that the Board confirm the action of the Executive Committee in reducing the 1964 summer session fee rate from $132 to $110 for students carrying eight credit hours or more.

The Board approved the recommendation.

Alice R.
Simmons
Hathaway
Trust, OSU

In 1960, Mrs. Alice Simmons Hathaway created an irrevocable trust for the benefit of Oregon State University by a trust certificate of the Massachusetts Life Fund requiring that the net income be paid and the principal distributed as follows:

"On each first day of January, April, July and October the net income and any capital gains distributions of Massachusetts Life Fund shall be added to the principal. On September 1, of each year, the Trustee shall pay $200. to Oregon State College of Corvallis, Oregon, for the benefit of a worthy and promising student with Junior standing, majoring in Bacteriology, selected by the faculty for the Department of Bacteriology of said College. When the principal of the trust has increased so that the annual income exceeds $400, two scholarships of $200, each shall be given to two students chosen in the manner provided above and similarly as the earnings increase in increments of $200, additional scholarships will be granted. The aforesaid payments shall only be made from the net income."

It is proposed by Mrs. Simmons Hathaway that the trust be changed to read as follows, concerning the disposition of the income of the trust and principal:

"On each first day of January, April, July and October, the net income and any capital gains distributions shall be added to the principal. On April 1 of each year, the Trustee shall pay to Oregon State University for the benefit of a worthy and promising student in the field of Microbiology selected by a committee of three members of the faculty of the Microbiology Department of Oregon State University, a sum of not less than $200, said sum to be increased to $400 for scholarships of any student selected by said committee of Oregon State University when the annual income of the trust exceeds $400. The aforesaid amount of the scholarships shall not exceed the annual income of the trust. Oregon State University is empowered to use the aforesaid payments as it deems most effective.

"This trust shall be known as the 'Joseph E. Simmons Trust' and has been created by (Mrs.) Alice R. Simmons and friends of Joseph E. Simmons for the express purpose of supporting the Simmons Scholarships at Oregon State University."

President Jansen, with the concurrence of the Chancellor, recommended that the appropriate officials of the State Board of Higher Education be authorized to execute any amended trust certificate relating to Trust No. 4151 of the Massachusetts Life Fund which is substantially in accordance with the amendment requested by Mrs. Simmons Hathaway and to take any other action required or in connection therewith.

The Board approved the recommendation as presented.
On June 4, 1964, Vice Chancellor Sherburne recommended to the Chancellor budget additions to avoid 1963-64 overdrafts in the following departments of the Division of Continuing Education:

Portland Continuation Center--evening classes and other extension projects, largely self-sustaining, from an overrealization in the fee income accompanied by an increase in volume of services

$45,207

State Wide Services--Extension evening classes and other extension services provided in centers over the state largely on a self-sustaining basis, from overrealized fee income, accompanied by an increase in volume of services

12,200

Total additions to operating budgets as approved by the Chancellor

$57,407

Although the above recommendations were received from the Division of Continuing Education prior to the Board meeting of June 9-10, 1964, there was not sufficient time to confer on the recommendation with the officials of the Division of Continuing Education and to include the budget adjustments in the June docket.

The Board confirmed the action of the Chancellor as reported.

At the request of the Chancellor, Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, presented the "Community College Committee Report," dated July 27-28, 1964. The report briefly discussed the relationship of the State System of Higher Education to the community colleges and called attention to several additions to the basic course list and to amendments to the Policies and Procedures Statement adopted at the December 1963 Board meeting. Several suggested one and two-year transfer programs in professional schools were included in the report. A copy of the "Community College Report" is on file in the Board's Office and considered a part of these minutes.

The Board accepted the report and approved the recommended changes.

The meeting was recessed at 3:30 P.M., July 27, 1964, and was reconvened at 9:00 A.M., July 28, 1964, with the following Board members present:

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

RE ABSENCES

Mr. Layman was absent for business reasons.
In accordance with Board regulations, the following members represented the Board at the 1964 Commencement exercises of the several institutions and acted for the Board in approving candidates for degrees and diplomas:

- Oregon State University: Elizabeth H. Johnson
- University of Oregon: Ray T. Yasui
- University of Oregon Dental School: Chas. R. Holloway, Jr.
- University of Oregon Medical School: Philip A. Joss
- University of Oregon Nursing School: Philip A. Joss
- Portland State College: George H. Layman
- Oregon College of Education: Ralph E. Purvine
- Southern Oregon College: John W. Snider
- Eastern Oregon College: J. W. Forrester, Jr.
- Oregon Technical Institute: Chas. R. Holloway, Jr.

The action of these Board members was confirmed and made a matter of record.

The Chancellor introduced Dr. Joseph E. Trainer, Director of the Health Service at the University of Oregon Medical School and Chairman of the Interinstitutional Health Services Committee, who discussed the report of the committee on existing health services and their recommendations for change. Dr. Trainer distributed copies of the report which appears as Supplement A to these minutes.

Dr. Trainer stated that the health services had grown from a part-time, small-scale service in 1950 to the present concept of health services which is much larger both in the services provided and in financial requirements. Dr. Trainer indicated that in the report the committee had tried to show what the health services ought to be doing, who should be served, who should pay for them, recommendations as to staff and administration, and the changes which should be made.

Several areas which need to be considered for the future are:

1. Occupational health services—extent to which it should be provided as a fringe benefit to meet the competition of industry for faculty and technically trained people;

2. Health services for student dependents—the extent to which these may need to be provided in order to assure the effectiveness of the student;

3. Counseling—the possibility of a short training program in counseling techniques to care for some of the problems which do not require a regular psychiatrist or for which trained psychiatrists are not available.

4. Insurance—to cover areas not provided through the health services;

5. Health education—use of health service personnel in an instructional capacity.
It was pointed out that changes had been suggested so that there would be direct communication between the health service director and the chief executive of the institution. An intra-institutional committee composed of all individuals concerned with health services was recommended, and it was also recommended that a permanent committee of the health service directors be established to act as an advisory committee to the Chancellor and the State Board of Higher Education.

The Board accepted the report and directed the Board's staff to study the report and make any desirable changes in the administrative code and institutional practices as related to the health service.

Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, presented a report entitled, "The Institutional Guidelines: A Report of the Board's Committee on Academic Affairs," as approved by the Committee July 8, 1964, and dated July 27-28, 1964. The report included discussions of the following topics:

1. Guidelines for the Oregon State System of Higher Education and for each institution and the Division of Continuing Education in the State System which include present role, scope, and purposes and recommendations for the future;

2. A reaffirmation of the principle of curricular allocations and a statement of basic premises underlying curricular allocations;

3. The relationship of graduate and professional education to the allocations system and a procedure for evaluating requests for new programs in these areas;

4. The effect of the new teacher certification regulations on the teacher preparation institutions and the policies and procedures to be used in reviewing the role of each of these institutions in preparing students to meet the new certification requirements; and

5. The necessity for periodic review and reassessment of the guidelines as conditions change.

A copy of the entire report is on file in the Board's Office and considered a part of these minutes. It was noted that the report had resulted from a number of meetings with the Board's Committee on Academic Affairs and the institutional executives and that there had been extensive review of each of the guidelines prior to the July Board meeting.

The report concluded with the following recommendation:

"The Board's Committee on Academic Affairs, Personnel, and Public Affairs recommends that the Board adopt the foregoing report as the Board's official policy in connection with its consideration and evaluation of the requests from the institutions for future
changes in the areas of institutional guidelines, curricular allocations, graduate and professional education, and teacher education."

The Board accepted the report on institutional guidelines and approved the recommendations as presented.

The Chancellor stated that SJR 8 passed by the 1963 Legislature had directed the Board to establish a quality program of graduate education in the arts and sciences in the Portland area and to prepare a plan and budget for this program to be presented to the 1965 Legislature. He pointed out that at the April 1964 meeting, the Board adopted a number of basic assumptions preliminary to the development of the plan and budget for the Portland graduate program. The Chancellor then asked Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, to present the plan and budget as detailed in the report "A Plan for Establishing in Portland Graduate Study and Research Programs -- 1965-1967." A copy of the entire report, dated July 27-28, 1964, is on file in the Board's Office and by reference thereto is considered a part of these minutes.

The report described the plan as it has been developed, indicated the first programs which would be established and the reasons for selecting them, listed the present offerings on which the proposed programs can be built and the other graduate education presently available in the Portland area.

The report also presented in detail the estimated capital construction cost of $1,108,030 for the proposed program and a proposed operational budget aggregating $1,232,883 for the biennium. It was noted that after three years of operation it might be expected that as much as $70,000 might be provided from sponsored research.

The results of surveys to determine interest in specific programs, particularly in engineering, were mentioned. The role of Portland State College and the development of its undergraduate and anticipated graduate work was discussed. The strengthening of the undergraduate program is the first step toward realizing the potential for graduate study and research at Portland State College. Staff studies have resulted in the conclusion that the physical sciences would be the first area in which Portland State should prepare to offer graduate work for the reasons outlined in the report. The offering of graduate work at Portland State will require funds for preparatory work to improve staff and facilities and will require additional operational funds to sustain it.

In summary, the report reviewed the graduate study resources presently available in Portland through Portland-based units of the State System and from State System campuses through the Portland Continuation Center. In response to SJR 8, the report proposes two developments for the 1965-1967 biennium to augment the graduate study and research resources of the Portland area:

1. The placing in Portland on a firm base of master's degree programs in engineering and business administration under the general oversight of Oregon State University and the
University of Oregon, respectively, with the collaboration of Portland State College and other institutions and agencies;

2. The strengthening at Portland State College of (a) the undergraduate base in business administration and selected subject matter fields in the sciences, social sciences, and humanities as a necessary first step in preparing for the eventual development of master's programs at Portland State College in selected fields; and (b) the Master of Arts and Master of Science in Teaching degree programs.

Board members asked if the presentation of the report fulfilled the mandate of SJR 8 and whether the funds required for the program would be included in the budget requests for the State System or included only in the report as a separate item to be submitted to the legislature. The Chancellor indicated that these funds would be one of the "B" budget items for the State System in accordance with instructions from the Governor. Board members suggested that if this were presented as a "B" budget item it might result in the state's paying the total cost of the program and discourage the financial aid which might otherwise be available from outside sources. The opinion was expressed and approved that this program should preferably be presented as a separate item rather than as a part of the regular operational requests.

The Board approved the report as presented and commended Dr. Romney for the excellence of his study. It was understood that the Chancellor would confer with the Governor regarding the presentation of the report in view of the budgetary implications mentioned above.

F. B. Bennett, President Holloway called attention to the recommendation that President Frank Bennett of Eastern Oregon College be granted the title of President Emeritus, effective with his retirement on August 31, 1964. He again expressed the Board's appreciation for Dr. Bennett's efforts in making the System strong and meaningful.

Dr. Bennett stated that his years in Oregon education had been a very distinct privilege and that the 12 years in the State System of Higher Education had been a climax to his work because of the high quality of administrators, staff and Board members with which he had worked. Dr. Bennett commended the accomplishment and the maturity of the State System which has developed particularly during the last few years and expressed the opinion that "the pattern that is growing out of this maturity is giving a leadership to the State System that I think augurs well for a very, very fine future."

The Board approved the recommendation.
Meeting #329

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 and 1964-65 budgets:

Oregon State University

Salary Adjustments

Increases in salary are recommended for the staff members who are employed under U. S. Public Health Service and Office of Naval Research grants, as follows:

I. W. Larson, Increase in Salary

Dr. Ingemar W. Larson, Assistant Professor of Zoology, from $6,575 to $8,280 per year, effective December 1, 1963, as provided in a supplemental grant which provides for the increase retroactive to that date. Funds were not available to provide the salary recommended at the time of Dr. Larson's original appointment.

V. J. Brookes, Increase in Salary

Dr. Victor J. Brookes, Associate Professor of Entomology, from $9,676 to $10,080, effective July 1, 1963, as provided in a supplemental grant which is now available. Funds were not available on July 1, 1963, to allow Dr. Brookes' salary to be comparable to his rank and experience, but the Public Health Service supplemental grant provides for the increase to be retroactive to July 1, 1963.

C. D. McIntire, Advance in Rank and Salary

Mr. C. David McIntire, Assistant Professor of Biology, from $5,589 to $8,280 per year, effective January 1, 1964, in recognition of his completing the requirements for his doctoral degree. The increase is accompanied by an advance in rank from Assistant in Botany to Assistant Professor of Botany. The Public Health Service grant provides for this increase, retroactive to January 1, 1964.

R. S. Mesecor, Increase in Salary

Mr. Roderick S. Mesecor, Assistant Professor, from $9,800 to $10,230 per year, effective January 1, 1964, to fulfill the negotiations with Mr. Mesecor when he transferred from the Galaxie Computer Project to the Department of Oceanography. The Office of Naval Research grant provides for this increase retroactive to January 1, 1964.

H. E. Clark, Increase in Salary; Change in Title

Increase in annual salary, effective May 10, 1964, for Mr. Harry E. Clark, Area Development Specialist with rank of Associate Professor, from $11,040 to $12,000, to reflect the increased responsibilities connected with his change in title to Community Development Specialist with rank of Associate Professor. The amount of $136 required in year 1963-64 is to be provided from Oregon State University Salary Savings Reserve from temporary vacancies. The forwarding of this recommendation by Oregon State University was overlooked during the period of concentrated work on the 1964-65 annual budget.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Details</th>
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</thead>
<tbody>
<tr>
<td>J. Utsey</td>
<td>Change in position for Dr. Jordan Utsey, Assistant Professor of Education to Project Director for the Advanced Study of Educational Administration Project and increase in salary rate from $8,000 to $9,000, to be effective September 16, 1964. The amount of $1,000 required in year 1964-65 is provided from the grant from the Department of Health, Education and Welfare.</td>
</tr>
<tr>
<td>Salary Adjustments</td>
<td>When the University of Oregon prepared its 1964-65 operating budget which was approved by the Board on April 28, 1964, it left unapplied an amount of $4,406 from the Salary Adjustment Fund to care for special personnel adjustments which were expected in connection with promotions in rank, completion of advanced degree requirements, or to retain staff members in competition with other universities and colleges which have made offers of employment. President Fleming recommends that the unused portion of the Salary Adjustment Fund be used to finance the following personnel adjustments involving salary increases:</td>
</tr>
<tr>
<td>G. K. Bogen</td>
<td>Mr. Gerald Keith Bogen, advance in rank from Instructor to Assistant Professor in the Counseling Center, with a corresponding increase in salary from $8,180 to $8,670, effective July 1, 1964.</td>
</tr>
<tr>
<td>W. Ruff</td>
<td>Mr. Wallace Ruff, advance in rank from Associate Professor to Professor of Landscape Architecture, with a corresponding increase in salary from $8,000 to $8,320, effective September 16, 1964, for 80 percent time.</td>
</tr>
<tr>
<td>P. Buckner</td>
<td>Mr. Paul Buckner, Assistant Professor of Sculpture, increase in salary from $6,575 to $6,900, effective September 16, 1964, to eliminate an inequity within the School of Architecture and Allied Arts.</td>
</tr>
<tr>
<td>H. J. Carlson</td>
<td>Mr. Harry J. Carlson, Assistant Professor of Education, increase in annual salary from $8,000 to $8,750, effective September 16, 1964.</td>
</tr>
<tr>
<td>H. T. Keller</td>
<td>Mr. Homer T. Keller, advance in rank from Associate Professor to Professor of Theory and Composition, with a corresponding increase in annual salary from $10,400 to $10,800, effective September 16, 1964.</td>
</tr>
<tr>
<td>J. Straus</td>
<td>Dr. Jacob Straus, Associate Professor of Biology, increase in annual salary from $8,400 to $9,600, effective September 16, 1964.</td>
</tr>
<tr>
<td>T. E. Marshall</td>
<td>Dr. Thomas E. Marshall, advance in rank from Assistant to Associate Professor of Romance Languages, with a corresponding increase in annual salary from $9,175 to $9,600, effective September 16, 1964.</td>
</tr>
<tr>
<td>E. M. Baldwin</td>
<td>Dr. Ewart M. Baldwin, Professor of Geology, increase in annual salary from $12,100 to $12,200, to correct an oversight in the original budget.</td>
</tr>
</tbody>
</table>
J. R. Fiszman, Advance in Rank and Salary  
Mr. Joseph R. Fiszman, advance in rank from Instructor to Assistant Professor in Political Science, with a corresponding increase in annual salary from $7,000 to $7,550, effective September 16, 1964.

Salary Adjustments, Athletic Department  
At the time the budgets were prepared for the auxiliary activities, Mr. Leo Harris, Athletic Director, was on sabbatical leave. At his request, salary increases were postponed until his return. Therefore, President Flemming recommends the following salary increases at this time, to be effective July 1, 1964:

H. W. Childs, Increase in Salary  
Mr. Harold W. Childs, Director of Athletic News with rank of Instructor, from $6,600 to $6,900.

M. B. Coley, Increase in Salary  
Mr. Max B. Coley, Assistant Football Coach and Assistant Professor of Health and Physical Education, from $9,095 to $9,400.

R. O. Officer, Increase in Salary  
Mr. Robert O. Officer, Athletic Trainer and Instructor in Physical Education, from $7,500 to $7,600.

J. A. Robinson, Increase in Salary  
Mr. John A. Robinson, Assistant Football Coach with rank of Instructor in Physical Education, from $6,900 to $7,200.

R. O. Carlson, Change in Position, Increase in Salary  
Change in position of Dr. Richard O. Carlson, Associate Professor of Education, to assume major responsibilities in connection with the project being carried on by the Research and Development Center for the Advanced Study of Education made possible by a contract with the U. S. Office of Education, with an increase in salary rate from $12,500 to $14,000, effective September 16, 1964.

D. Brinks, Change in Position and Salary Increase  
Change in position for Mr. David Brinks, Instructor in the Counseling Center with an advance in rank from instructor to Assistant Professor and an increase in salary rate from $6,900 to $9,060 for 12-months' service, effective July 1, 1964. The salary increase is to be financed from funds provided in the Counseling Center budget for year 1964-65.

Salary Adjustments, Urban Planning  
Due to an oversight, staff paid from Urban Planning and Service Project funds were not included in the original 1964-65 budget approved by the Board April 28, 1964. To correct these omissions President Flemming recommends the following increases, effective July 1, 1964:

G. J. Otto, Increase in Salary  
Mr. George Jay Otto, Assistant Planner with rank of Instructor, from $7,800 to $8,400.

J. D. Rowe, Increase in Salary  
Mr. John David Rowe, Planning Consultant with rank of Assistant Professor, from $8,670 to $9,060.

W. A. Frazier, Jr., Salary Increase  
Mr. William A. Frazier, Jr., Adjunct Research Assistant, from $5,100 to $6,000.
G. J. Brenner, Increase in Salary

Mr. George J. Brenner, Planning Consultant with rank of Associate Professor, from $10,750 to $11,040.

K. M. Seidel, Increase in Salary

Mrs. Karen M. Seidel, Adjunct Research Assistant, from $5,400 to $5,600.

M. L. Pederson, Increase in Salary

Mr. Melvin L. Pederson, Planning Technician with rank of Instructor, from $6,300 to $6,600.

All of the above listed staff are 12-months' staff and salaries are paid entirely from Urban Planning and Service project grants.

L. Graymer, Increase in Salary

Increase in annual salary for Mr. LeRoy Graymer, Instructor in Political Science, from $9,000 to $9,300, for 12-months' service, effective July 1, 1964. Funds for the increase are provided in the Ford Foundation grant under which he is employed.

Miss A. Marnix, Increase in Salary

Increase in annual salary for Miss Ann Marnix, Instructor in Business Education, from $6,200 to $6,450. Miss Marnix is budgeted 33 percent time in Business Administration and 67 percent time on the Institute of International Studies and Overseas Administration budget.

Relative to her duties within the Institute, she has assumed new duties and responsibilities. Funds for the increase are provided from the Institutional Operating Reserve.

University of Oregon Dental School

R. L. Lang, Increase in Salary

Increase in annual salary for Dr. Robert L. Lang, Professor of Dentistry, from $15,200 to $15,500, effective July 1, 1964, in recognition of increased responsibilities resulting from his designation as head of the Crown and Bridge Technic Department. The $300 required is provided in the budget of this department.

J. Van Eysden, Increase in Salary

Increase in annual salary for Miss Jan VanEysden, Research Assistant, from $5,300 to $5,500, effective July 1, 1964. The $200 required is provided in the U. S. Public Health Service grant under which she is employed.

S. R. Mathias, Increase in Salary

Increase in annual salary for Mr. Shelby Rae Mathias, Research Assistant, from $4,600 to $4,800, effective July 1, 1964. The $200 required is provided in the research grant under which he is employed.

University of Oregon Medical School

Salary Adjustments, Dept. of Pathology

Emergency salary adjustments needed to retain highly qualified staff members in the Department of Pathology at the University of Oregon Medical School as follows:

S. R. Wellings, Increase in Salary

Dr. Sefton R. Wellings, Associate Professor of Pathology, from $16,500 to $18,000, effective July 1, 1964.
Dr. Robert A. Cooper, Jr., Assistant Professor of Pathology, from $14,000 to $17,000, effective July 1, 1964, with a change from 100 percent to 95 percent in time to correspond with other faculty members in the department.

Dr. James R. Philp, Assistant Professor of Pathology, from $14,000 to $16,000, effective July 1, 1964.

The amount of $6,500 required for the above adjustments is to be provided, $4,750 from the Medical School operating reserve and $1,750 from project budgets financed from restricted funds.

Increase in annual salary for Dr. Paul E. McMahan, Research Associate in Biochemistry, from $6,300 to $6,540, effective June 1, 1964. Funds for the increase are provided in the American Cancer Society grant under which he is employed.

Increase in annual salary for Kathleen M. Prichard, Research Assistant in Neurology, from $6,000 to $6,500, effective June 1, 1964. Funds for the increase are provided from the Public Health Service grant under which she is employed.

Advance in rank for Dr. Rose Mary Bocek, from Instructor to Assistant Professor of Biochemistry, in recognition of the completion of the requirements for the doctoral degree.

Transfer of a major portion of the time of Dr. Richard Lyons, Assistant Professor of Anatomy, to the Division of Experimental Medicine and the assignment of the additional title of Assistant Professor of Experimental Medicine, effective July 1, 1964, with a corresponding increase in annual salary from $10,000 to $12,000, to be paid $10,800 from the Experimental Medicine budget and $1,200 from the Department of Anatomy. Funds are provided in the grant under which Dr. Lyons is employed and the redistribution of salary reflects more accurately the time devoted to the grants.

Change in position for Dr. Robert Goldman, Assistant Professor of Medicine, to a full-time paid basis effective July 1, 1964, at a salary rate of $9,000 per year. Dr. Goldman, who is now on the Division's staff is in the last year of a fellowship program which has provided a stipend paid directly to him from sources outside the Medical School.

The two adjustments recommended above will require an increase of $2,700 in the Experimental Medicine salary budget for 1964-65, to be provided $1,900 from the Operating Reserve and $800 from the Department of Anatomy.

Increase in salary for Dr. William Clark, Associate Professor of Pediatrics, from $17,650 to $18,500 for 12-months' service, effective July 1, 1964, the increase to be financed from the Public Health Service Child Development Grant.
### Meeting #329

**July 27-28, 1964**

**L. H. Frische, Transfer**

Transfer of Dr. Louis H. Frische, Professor of Radiology, from a volunteer to a paid basis, effective November 1, 1964, at a salary rate of $20,000 per year for full-time service, to fill a vacancy on the Public Health Service Cardiovascular Research Project. The required funds are provided in the grant budget.

**C. V. Allen, Increase in Time & Salary**

Increase in time and salary for Dr. Clifford V. Allen, Professor of Radiology, from $20,000 for 90 percent time to $23,000 for 95 percent time, effective July 1, 1964. The $3,000 required is provided in a new Public Health Service lung cancer research grant.

**J. P. Bentley, Advance in Rank and Salary**

Advance in rank for Dr. J. Peter Bentley from Research Associate in Surgery to Instructor in Experimental Biology, with a corresponding increase in annual salary from $7,500 to $8,500, effective July 1, 1964. Dr. Bentley is employed under a U. S. Public Health Service grant and funds for the increase are provided in the grant.

**Salary Adjustments**

Increases in annual salary are recommended for staff members employed under U. S. Public Health Service grants, effective July 1, 1964, unless otherwise indicated, as follows:

#### Department of Medical Psychology:

**J. E. Lindemann, Increase in Salary**

Dr. James E. Lindemann, Associate Professor of Medical Psychology, from $12,000 to $13,500, effective September 1, 1964.

**J. S. Phillips, Increase in Salary**

Dr. Jeanne S. Phillips, Assistant Professor of Medical Psychology, from $10,500 to $11,200.

**J. S. Brown, Increase in Salary**

Dr. Judson S. Brown, Professor of Medical Psychology, from $20,000 to $21,000.

**A. N. Wiens, Increase in Salary**

Dr. Arthur N. Wiens, Assistant Professor of Medical Psychology, from $12,000 to $13,000.

#### Department of Psychiatry:

**R. G. Matarazzo, Increase in Salary**

Dr. Ruth G. Matarazzo, Assistant Professor of Medical Psychology, from $11,000 to $12,000.

**J. S. Brown, Increase in Salary**

Dr. Julia S. Brown, Assistant Professor of Psychiatry, from $6,860 to $7,500.

**N. Kosterlitz, Increase in Salary**

Mrs. Nancy Kosterlitz, Instructor in Psychiatric Social Work, from $7,350 to $8,000. Mrs. Kosterlitz is to be placed on a half-time basis from June 15 through September 14.

**J. R. Hegrenes, Increase in Salary**

Mr. Jack R. Hegrenes, Instructor in Psychiatric Social Work, from $7,250 to $8,000.

**D. Denney, Increase in Salary**

Mr. Duane Denney, Assistant Professor of Psychiatry, from $10,000 to $14,000.
Meeting #329

A. Quan, Decrease in Salary

Dr. Arlen Quan, Fellow in Psychiatry, from $8,000 to $7,500. Beginning on July 1, 1964, Dr. Quan will also receive $1,500 per year from the Dental School.

A. Stott, Increase in Salary

Miss Ann Stott, Research Assistant in Endocrinology, from $6,000 to $6,600.

Funds for all of the above increases are provided in the research grants under which they are employed.

Eastern Oregon College

F. B. Bennett, Change in Title

Chancellor Lieuallen recommends that President F. B. Bennett be granted the title of President Emeritus, effective with his retirement on August 31, 1964. This action is in accord with a recommendation from the faculty.
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

Gifts and grants totaling $84,857.65 from the following donors for scholarships and fellowships:

- African-American Institute, New York City  
  $912.00
- The Aicoca Foundation, Pittsburgh, Pennsylvania  
  1,000.00
- Associated Women Students, OSU, Corvallis  
  400.00
- The Autzen Foundation, Portland  
  500.00
- Benton County Medical Society, Corvallis  
  500.00
- Bridge Teachers Parents Organization, Myrtle Point  
  225.00
- Bureau of Indian Affairs, Nevada Indian Agency, Stewart, Nevada  
  1,000.00
- Business & Professional Women's Club, Klamath Falls  
  200.00
- The Byron Company, Milwaukie  
  100.00
- Collins-McDonald Trust Fund, Lakeview  
  200.00
- The Co-Signers, Corvallis  
  175.00
- Crow Indian Agency, Crow Agency, Montana  
  195.00
- Douglas County Home Extension, Roseburg  
  325.00
- The Dow Chemical Company, Pittsburg, California  
  2,500.00
- Duke University, Durham, North Carolina  
  300.00
- Fraternal Order of Eagles, South Bend, Indiana  
  110.00
- Electrical Women's Round Table, Portland  
  150.00
- Elks Club, Bend  
  358.36
- Esther L. Golden Estate  
  29,201.29
- Dr. Milton Barris, Washington, D.C.  
  500.00
- William F. Herrin & Alice Herrin Trusts  
  36,250.00
- Lane County Bank, Florence  
  500.00
- Lebanon Union High School  
  225.00
- Lockheed MSC Management Association, Sunnyvale, California  
  500.00
- McKitterick Scholarship Fund through Gresham Union High School, Gresham  
  100.00
- Milwaukie High School  
  300.00
- Mortar Board, Corvallis  
  250.00
- Oregon Association of Future Homemakers of America, Salem  
  200.00
- Oregon Federation of Women's Clubs, Salem  
  200.00
- Oregon State Home Economics Extension Council, Corvallis  
  250.00
- Oregon State University Foundation, Corvallis  
  100.00
- Paper Industry Management Association, Portland  
  330.00
- Philomath Education Association  
  200.00
- Standard Oil Company of California, San Francisco, California  
  3,000.00
- Texaco Inc., Anacortes, Washington  
  1,650.00
- United States National Bank, Portland  
  528.00
- Various Donors  
  1,473.66
Gifts totaling $12,567.55 from various donors for student loan funds for various departments, as follows:

- Benton County TB & Health Association Loan Fund, Corvallis: $5,638.48
- First Federal Savings & Loan Association, Klamath Falls: 100.00
- Oregon Feed, Seed and Suppliers Association, Portland: 300.00
- Oregon Horticulture Society, Corvallis: 294.50
- OSU Book Stores, Inc.: 2,005.05
- Senior Class, 1964, Corvallis: 1,000.00
- Various donors, for engineering students: 2,470.02
- Various donors, Mildred Merryfield Memorial Fund: 568.00
- Various donors, Martin Johnson Memorial Fund: 191.50

Gift of two hundred units of high protein feed for research, valued at $3,100 from Mr. G. Martin Blakely, Portland.

Grant of $3,802 from the E. I. du Pont de Nemours & Company, Wilmington, Delaware, for a summer research grant in Chemistry and a Postgraduate Teaching Assistant Award in Chemistry.

Grant of $13,108 from the National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, in support of "Systematics and Ecology of Oregon Oceanic Trematodes," June 1, 1964, through May 31, 1965, under the direction of Dr. James Elias McCauley, Associate Professor of Oceanography.

Grants totaling $43,871 from the National Institute of General Medical Sciences, Bethesda, Maryland, for training programs and fellowships, as follows:

1. $28,673 - "Training Program in Toxicology," July 1, 1964, through June 30, 1965, under the direction of Dr. Charles E. Warren, Associate Professor of Fish and Game Management.

2. $15,198 - "Predoctoral Fellowship Award," July 1 through December 31, 1964, under the direction of Dr. Victor J. Brookes, Associate Professor of Entomology.

3. $7,500 - "Predoctoral (continuation) Intermediate Year," June 10, 1964, through June 9, 1965, under the direction of Dr. Alfred Owczarzak, Associate Professor of Zoology.

Grants totaling $204,000 from the National Science Foundation for research and other purposes, as follows:

1. $28,800 - "The Mechanism of Light Induced Reproduction in Fungi," June 1, 1964, through May 31, 1965, under the direction of Dr. Edward J. Trione, Assistant Professor of Plant Pathology and Biochemistry, and Dr. Charles H. Leach, Associate Professor of Plant Pathology.

2. $18,300 - "Inorganic Reaction Mechanisms in Mixed-Aqueous Solvents," June 1, 1964, through May 31, 1965, under the direction of Dr. James H. Krueger, Assistant Professor of Chemistry.
3. $22,000 - "A Review of the Family Macrocheilidae," June 1, 1964, through May 31, 1966, under the direction of Dr. Gerald W. Krantz, Associate Professor of Entomology.

4. $37,600 - "Biochemical Systematics in Insects," June 1, 1964, through May 31, 1966, under the direction of Dr. William F. Stephen, Associate Professor of Entomology, and Dr. Oliver W. Johnson, Assistant Professor of Entomology.

5. $61,400 - "Basic Nature and Environmental Responses of Marine Psychrophilic Bacteria," June 15, 1964, through June 14, 1967, under the direction of Dr. Richard Y. Morita, Associate Professor of Microbiology.

6. $31,300 - "Role of Cobalt in the Nutrition and Metabolism of Leguminous Plants and Rhizobium," July 1, 1964, through June 30, 1966, under the direction of Dr. Harold J. Evans, Professor of Plant Physiology.

7. $4,600 - "Intracellular Responses of Living Cells of Angiosperms Treated in Microcultures," July 1, 1964, through June 30, 1965, under the direction of Dr. Leo E. Jones, Associate Professor of Botany.

U. S. Air Force

Grant of $88,350 from the U. S. Air Force, Washington, D.C., for "Theoretical and Field Studies of Seismic Waves," April 1, 1964, through March 31, 1966, under the direction of Dr. Joseph W. Berg, Jr., Professor of Oceanography.

Dept. of Health, Education and Welfare, Divn. of Water Supply & Pollution Control

Grants totaling $86,990 from the Division of Water Supply and Pollution Control, Department of Health, Education and Welfare, Washington, D.C., July 1, 1964, through June 30, 1965, for training in Water Supply and Pollution Control, as follows:

1. $59,174 - under the direction of Dr. Frederick J. Burgess, Professor of Engineering.

2. $27,816 - under the direction of Dr. Charles E. Warren, Associate Professor of Fish & Game Management.

Dept. of the Navy

Grant of $6,000 from the U. S. Department of the Navy, Los Angeles, California, for "An Investigation of Voltaic Cells Employing Nonaqueous Electrolytes," March 1, 1964, through February 28, 1965, under the direction of Dr. Robert E. Meredith, Associate Professor of Chemical Engineering.

Office of Naval Research

Grant of $12,500 from the Office of Naval Research of the Department of the Navy, Washington, D.C., for "Research of Rate of Interconversion of Internal and Translational Molecular Energy," February 14, 1964, through February 14, 1965, under the direction of Dr. J. C. Decius, Professor of Physics.

Western Management Science Institute

Grant of $2,500 from the Western Management Science Institute, Los Angeles, California, in support of "data collection, analysis and improvement development phases of 'Logging Mathematical Models' study," June 1, 1964, through June 1, 1965, under the direction of Mr. William Engesser, Professor of Industrial Engineering.
Grants totaling $569,083 from the U. S. Public Health Service for research, training programs and other purposes, effective June 1, 1964, through May 31, 1965, unless otherwise indicated, as follows:

1. $207,000 - "Toxicology of Pesticide in the Environment," under the direction of Dr. Virgil H. Freed, Professor of Chemistry.

2. $20,508 - "Effects of Radiation on the Migration of Salomone," under the direction of Dr. Frank M. Conte, Associate Professor of Agricultural Chemistry.

3. $34,833 - "Training Program in Air Pollution," under the direction of Dr. Frederick J. Burgess, Professor of Engineering.

4. $29,882 - "Metabolism of Aerobic Bacteria," under the direction of Dr. Vernon H. Cheldelin, Professor of Chemistry.

5. $15,540 - "Comparative Enzymic Patterns During Development," under the direction of Dr. Robert W. Newburgh, Assistant Director of the Science Research Institute.

6. $15,198 - "Nitrogen Oxide Fate in Engine Exhaust Afterburners," under the direction of Mr. W. H. Paul, Professor of Automotive Engineering, and Mr. J. G. Mingle, Assistant Professor of Mechanical Engineering.

7. $38,721 - "Training in Water Supply and Pollution Control," under the direction of Dr. C. L. Osterberg, Assistant Professor of Oceanography.

8. $26,072 - "Chemical Brush Control: Biochemistry and Toxic Hazard," under the direction of Dr. Virgil H. Freed, Head of Agricultural Chemistry.

9. $6,960 - "Study of Beggiatoa Species," under the direction of Dr. Richard Y. Morita, Associate Professor of Microbiology.

10. $21,458 - "Biosynthesis of Essential Metabolites," under the direction of Dr. Annette Baich, Assistant Professor of Chemistry.

11. $13,010 - "Studies on Effects of Watershed Practices on Streams," May 1, 1964, through April 30, 1965, under the direction of Dr. James D. Hall, Assistant Professor of Fish and Game Management.

12. $11,920 - "Placental Differentiation with Tritiated Thymidine," May 1, 1964, through April 30, 1965, under the direction of Dr. Howard H. Hillemann, Professor of Zoology.
13. $8,675 - "Studies on Effects of Watershed Practices on Streams," May 1, 1964, through April 30, 1965, under the direction of Professor James T. Krygier, Associate Professor of Forest Management.


15. $15,391 - "Training in Water Supply and Pollution Control," July 1, 1964, through June 30, 1965, under the direction of Dr. H. C. Curl and Dr. L. P. Small, Assistant Professors of Oceanography.


17. $12,011 - "Biochemistry of Insect Development," July 1, 1964, through June 30, 1965, under the direction of Dr. Victor J. Brookes, Associate Professor of Entomology.

18. $50,081 - "Infectious Diseases," July 1, 1964, through June 30, 1965, under the direction of Dr. P. R. Elliker, Professor of Microbiology, and Dr. W. E. Sandine and Dr. L. W. Parks, Associate Professors of Microbiology.

19. $16,053 - "Location of Charge and Chemical Properties of Clay," under the direction of Dr. Moyle E. Harward, Associate Professor of Soils.

Grants to the several Agricultural Experiment Station departments and divisions for research work and other purposes from various donors as follows:

Agricultural Research Foundation

$7,282 - "Formulation of New Commercial Food Products," under the direction of Dr. R. L. Smith, Associate Professor of Food Science and Technology; and "Factors Affecting the Suitability of Fruits and Vegetables for Processing," under the direction of Mr. George Varseveld, Assistant Professor of Food Science and Technology.

$238 - "Sulphur Fertilization Research," under the direction of Dr. D. P. Moore and Mr. F. V. Humphrey, Assistant Professors of Soils.

$1,525 - "Chemical Aspects of Use of Insecticides and Fungicides on Oregon Crops and Livestock," under the direction of Dr. L. C. Terriere, Professor of Chemistry.

Bonneville Power Administration

$402,50 - "Improved Serviceability of Wood Products," and "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Robert D. Graham, Associate Professor of Forest Products.
<table>
<thead>
<tr>
<th>Organization</th>
<th>Grant Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
<td>$3,000</td>
<td>&quot;Development of Brush Control Methods on Forest Lands,&quot; under the direction of Dr. George Barnes, Professor of Forest Management.</td>
</tr>
<tr>
<td>California Chemical Company</td>
<td>$500</td>
<td>&quot;To support the investigations with fruit tree oil sprays,&quot; under the direction of Dr. P. H. Westigard, Assistant Professor of Agronomy.</td>
</tr>
<tr>
<td>Chemagro Corporation</td>
<td>$300</td>
<td>&quot;To assist on special chemical thinning studies on apples,&quot; under the direction of Dr. M. N. Westwood, Associate Professor of Horticulture.</td>
</tr>
<tr>
<td></td>
<td>$500</td>
<td>&quot;Berry Insect Research, and Securing of Residue Samples on Berries,&quot; under the direction of Dr. R. G. Rosenstiel, Associate Professor of Entomology.</td>
</tr>
<tr>
<td></td>
<td>$400</td>
<td>&quot;Residue Tests on Apples,&quot; under the direction of Dr. P. H. Westigard.</td>
</tr>
<tr>
<td>Diamond Alkali Company</td>
<td>$2,500</td>
<td>&quot;To support research on Tree Fruit Fungicides, Control of Rhizoctonia on Potatoes, and Control of Nursery Diseases,&quot; under the direction of the following men: Dr. N. D. Dobie, Associate Professor of Plant Pathology; Dr. R. L. Powelson, Assistant Professor of Plant Pathology; and Dr. I. W. Deep, Associate Professor of Plant Pathology.</td>
</tr>
<tr>
<td>E. I. du Pont de Nemours &amp; Company</td>
<td>$5,262</td>
<td>&quot;To Conduct Evaluation Trials to Destroy Immature Liver Fluke in Sheep,&quot; under the direction of Dr. S. E. Knapp, Associate Professor of Veterinary Parasitology.</td>
</tr>
<tr>
<td>Geigy Chemical Corporation</td>
<td>$2,000</td>
<td>&quot;Fruit Insect Control Program,&quot; under the direction of Mr. S. C. Jones, Professor of Entomology.</td>
</tr>
<tr>
<td>Louis &amp; Maud Hill Family Foundation</td>
<td>$2,300</td>
<td>&quot;Improvement in Teaching and Learning,&quot; under the direction of Dr. R. R. Reichart, Professor of Forestry Education.</td>
</tr>
<tr>
<td></td>
<td>$3,461</td>
<td>&quot;Embryo Development of Douglas-Fir Seeds in Relation to Time of Seed Collection and Elevation of Seed Source,&quot; under the direction of Dr. W. P. Wheeler, Associate Professor of Forest Management.</td>
</tr>
<tr>
<td>Clin Manufacturing Company, Inc.</td>
<td>$125</td>
<td>&quot;To evaluate adaptability of cuzco-related hybrid corn for commercial production,&quot; under the direction of Mr. J. A. Yungen, Assistant Professor of Agronomy.</td>
</tr>
<tr>
<td>Oregon Fish Commission</td>
<td>$1,468.38</td>
<td>&quot;Investigation of Viruses and Bacteria Pathogenic for Fish,&quot; under the direction of Dr. K. S. Pilcher, Professor of Medical Microbiology.</td>
</tr>
<tr>
<td>Oregon Filbert Commission</td>
<td>$3,000</td>
<td>&quot;Development of Method of Predicting Production through Objective Sampling Methods,&quot; under the direction of Dr. Lyle D. Calvin, Professor of Statistics.</td>
</tr>
</tbody>
</table>
Oregon Strawberry Council

$6,000 - "Grant-in-aid to continue the Strawberry Variety Improvement Program," under the direction of Dr. Ralph Garren, Associate Professor of Horticulture, and Dr. Richard M. Bullock, Professor of Horticulture.

A. M. Todd Company

$500 - "Research on Control of Insects on Mint," under the direction of Dr. H. E. Morrison, Associate Professor of Entomology.

U.S. Dept. of Agriculture-Forest Service

$457.20 - "To Study the Mass Transfer (Water Transfer) Effects with Boundary Conditions," under the direction of Mr. Lee C. Lyman, Research Assistant.

U.S.D.A. Farmer Cooperative Service

$5,500 - "Economic Feasibility of Establishing Livestock Feed Lots in Oregon," under the direction of Dr. Gerald E. Korzan, Professor of Agricultural Economics.

U.S. Forest Service, Pacific N.W. Range & Experiment Station

$225.46 - "To Develop Workable Procedures for Sampling Wood from a Population of Western Hemlock Trees, Determine Certain Strength and Related Properties and Cost Factors," under the direction of Mr. James D. Snodgrass, Professor of Forest Products.

Western Oregon Onion Growers Association, Inc.

$150 - "In support of Onion Research," under the direction of Dr. W. A. Frazier, Professor of Horticulture.

University of Oregon

Scholarships & Fellowships

Gifts and grants totaling $21,409.50 from the following donors for scholarships and fellowships:

African-American Institute, New York City $412.00
The Asia Foundation, San Francisco, California 2,176.00
Association of Industrial Advertisers, Oregon Chapter, Portland 300.00
The Autzen Foundation, Portland 500.00
James E. Burleson, Dallas, Texas 100.00
Delta Kappa Gamma, Omicron Chapter, Roseburg 200.00
Eugene Education Association 400.00
William Randolph Hearst Foundation, New York City 100.00
The Jackson Foundation through the U. S. National Bank of Oregon, Portland 1,000.00
Lebanon Union High School 175.00
Office of the Minister in Charge of Cultural Affairs and Supervisor of Iranian Students, Washington, D.C. 123.00
Phelps-Stokes Fund, New York City 1,000.00
Phi Kappa Sigma, Eugene 100.00
Philo Math High School 150.00
Phoenix Senior High School 350.00
Pi Lambda Theta, Eugene 100.00
South Eugene High School 275.00
Mrs. Lillian A. Stella, Eugene 155.00
Tile Council of America, New York City 750.00
Meeting #329

July 27-28, 1964

University of Oregon Development Fund $11,713.50
Byron Hoyt's Sheet Music Service, Inc., Portland 100.00
Pendleton East Oregonian 330.00
American College of Trial Lawyers, Oregon members, Portland 500.00
Mr. H. B. Galton, Portland 200.00
Sunset High School, Parent-Teacher Association, Portland 100.00
International Business Machines Corporation through the National Merit Scholarship Corporation, New York City 100.00

National Science Foundation

Grants totaling $286,135 from the National Science Foundation for research, training institutes, equipment and other purposes, as follows:

1. $47,200 - "Genetic Coding and the Mechanism of Recombination," May 1, 1964, through May 1, 1966, under the direction of Dr. George Streisinger, Associate Professor of Biology.

2. $26,700 - "Problems on Groups and Rings," June 15, 1964, through December 15, 1965, under the direction of Dr. C. W. Curtis, Professor of Mathematics and Dr. D. K. Harrison, Associate Professor of Mathematics.

3. $113,235 - "Institutional grant for use at the discretion of the grantee in the conduct of scientific activities," effective June 16, 1964, under the direction of Dr. Clyde P. Patton, Acting Dean of the Graduate School. The funds may be used for scientific research, for education in the sciences or for both, and may be applied to existing science activities or to initiate new ones, but may not be used for indirect costs.

4. $44,000 - "For purchase and installation of equipment and room modifications for research entitled, 'Electron Microscopy of Nervous System and Muscle'," July 1, 1964, through June 30, 1965, under the direction of Dr. Graham Hoyle, Professor of Biology.

5. $55,000 - "Reversible Association of Proteins and the Relation to Enzymic Activity," July 1, 1964, through July 1, 1966, under the direction of Dr. F. J. Reithel, Professor of Chemistry.

International Business Machines Corp.

Gift of $100 from the International Business Machines Corporation, New York City, through the National Merit Scholarship Corporation. This gift is the Thomas J. Watson Memorial Scholarship, an annual unrestricted grant to the University because of the attendance of D. Eugene Rearick, recipient of the loan.

Estate of Henry Failing

Gift of $4,000 from the Estate of Henry Failing, Portland. These funds are from the estate's income for the year 1963.
Grant of $74,928 from the Ford Foundation, Fund for Advancement of Education, through the Oregon State Office of Education, for teacher education and school improvement in the Eugene, Bethel, Springfield and Roseburg school districts, effective July 1, 1964, through June 30, 1965, under the direction of Dr. John Suttle, Associate Professor of Education.

Grant of $4,500 from the Newspaper Fund, Inc., New York City, for the Newspaper Fund Seminar for high school teachers, for the summer of 1964, under the direction of Mr. John L. Hulteng, Dean, School of Journalism.

Grant of $139,942 from the U. S. Atomic Energy Commission, Richland, Washington, for support of "Nuclear Physics Research and Pre-Accelerator Research Activities," June 1, 1964, through May 31, 1965, under the direction of Dr. Bernd Crasemann, Professor of Physics.

Grant of $10,646 from the U. S. Office of Education, Washington, D.C., for support of research entitled, "Reinforcing Effects of Differential Contingencies on Verbal Learning in Educable Mentally Retarded Children," June 1, 1964, through August 31, 1965, under the direction of Dr. Robert H. Mattson, Assistant Professor of Education.

Grant of $10,000 from the Housing and Home Finance Agency, San Francisco, California, to "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," June 4, 1964, through June 4, 1966, under the direction of Mr. Herman Kehrli, Director, Bureau of Municipal Research.

Grant of $99,576 from the Peace Corps, Washington, D.C., for training of "Peace Corps Volunteers for a Home Economics Project and to teach English as a Foreign Language in Nepal, during the period June 22-September 16, 1964," effective May 19, 1964, through October 16, 1964, under the direction of Mr. Thomas O. Ballinger, Department of Art Education.

Grants totaling $413,017 from the U. S. Public Health Service, for research, training programs, and fellowships, effective July 1, 1964, through June 30, 1965, unless otherwise indicated, as follows:

1. $100,000 - "Training Program in Molecular Biology," under the direction of Dr. Aaron Novick, Director of Institute of Molecular Biology.

2. $35,000 - "Training Program in Physiology," under the direction of Dr. Graham Hoyle, Professor of Biology.

3. $18,723 - "Structure and function of a s-RNA red cell development," under the direction of Dr. Edward Herbert, Associate Professor of Chemistry.
4. $17,886 - "Training Program in Biochemistry," under the direction of Dr. F. J. Reithel, Professor of Chemistry.

5. $23,561 - "Research Training-Social Science," under the direction of Dr. William S. Robinson, Professor of Sociology.

6. $20,852 - "Training Program in Genetics," under the direction of Dr. Edward Novitski, Professor of Biology.

7. $88,360 - "Graduate Training Program in Clinical Psychology," under the direction of Dr. Frederick R. Fosmire, Professor of Psychology.

8. $35,346 - "Methods for Comparative Studies of Mental Hospitals," effective June 1, 1964, through May 31, 1965, under the direction of Dr. Jay M. Jackson, Professor of Sociology.

9. $6,700 - "Predoctoral Fellowship in behalf of Mr. Dwight W. Curtis, Jr.," June 1, 1964, through May 31, 1965, under the direction of Dr. Fred Attenave, Professor of Psychology.

10. $27,779 - "Kinetic Analysis of Enzymic Catalysis," March 1, 1964, through February 28, 1965, under the direction of Dr. Sidney A. Bernhard, Associate Professor of Chemistry.

11. $2,396 - "Ecology of Macaques," June 1 through November 30, 1964, under the direction of Dr. Paul E. Simonds, Assistant Professor of Anthropology.

12. $5,800 - "Predoctoral Fellowship in behalf of Mr. David L. Booth," July 13, 1964, through July 12, 1965, under the direction of Dr. Lloyd J. Dolby, Assistant Professor of Chemistry.

13. $7,100 - "Intermediate Year Predoctoral fellowship on behalf of Mr. Ronald F. Mitchell," September 15, 1964, through September 14, 1965, under the direction of Dr. Barry Anderson, Assistant Professor of Psychology.

14. $23,514 - "Stipends for trainees participating in a training program for Genetics," under the direction of Dr. Edward Novitski.

Gifts to the Library:

Mrs. Chester Butcher

Books by and about Theodore Dreiser which include a number of translations of Mr. Dreiser's works as well as two excellent American editions, from Mrs. Chester Butcher, Gresham. These books are valued at $210.

Mrs. B. M. and Mr. R. N. Donaldson

A collection of 74 titles by or about John Henry Nash, Printer, from Mrs. B. M. Donaldson of Salem and Mr. Robert N. Donaldson of Coos Bay. These two collections are valued at $140 and $300 respectively.
Reports and monthly balance sheets of Central Heating Company of Eugene (1925-1962) and the correspondence of Algeron Cyrus Dixon, consisting of about 1,500 letters covering the period of 1904-1962, from Mr. R. P. Dixon, Eugene. This collection is valued at $250.

A set of the Libertarian Library published by the Caxton Press reflecting the conservative thinking of some noted American philosophers, as well as the ultra-conservative theories of many lesser known people, from Mr. C. M. Goethe, Sacramento, California. This gift is valued at $103.20.

A collection of books mainly of western history and 20th century American literature from the library of the late Judge William Bagley, valued at $140, from the Mr. Willmar E. Heinrich, Portland.

Gift of the files of three unrecorded newspapers: The Sumpter Reporter, the Sumpter News, and the Cove Reporter, from Mrs. J. E. Hudson, Baker. These files are valued at $200.

Gift of the library and papers of Colonel John R. White who saw service in the Philippines during the Spanish-American War and later joined the Philippine Constabulary, from Mrs. John R. White, St. Helena, California. This gift is valued at $1,675.

Gifts to the Museum of Art:

W. H. Ehrman
A complete silver tea set, valued at $3,000 from Mr. William Heller Ehrman, Portland. The gift is marked Shreve & Company Sterling, San Francisco.

J. Longwood
An oil painting, valued at $500, entitled "Mount Tamalpais" by an American painter, A. W. Best, signed and dated, 1901. The painting was formerly in the collections of Baron Paget-Fredericks and Dr. Robert E. Kantor.

Gift of $650 from the Delta Chapter of Omicron Kappa Upsilon, Portland, to establish a student loan fund to be administered by the Loan Committee at the University of Oregon Dental School.

Gift of $100 from the United States National Bank of Oregon, Portland, to help defray expenses incurred by Mr. Douglas Buck's attendance at the 21st Annual Meeting of the American Institute of Oral Biology.

Grants totaling $2,036 from the American Fund for Dental Education, Chicago, Illinois, to be used as follows:

1. $1,036 - to increase an existing long term loan fund available to first, second, third, and fourth year dental students.

2. $1,000 - to support projects designed to upgrade the teaching program of the school, with a report to be made to the donor when a decision is made regarding the use of the funds.

University of Oregon Dental School
Grants totaling $135,683 from the U. S. Public Health Service for research, training programs, and other purposes, as follows:

1. $70,000 - "Training program in basic research training in pathology on the graduate level," July 1, 1964, through June 30, 1965, under the direction of Dr. Norman H. Rickles, Head, Pathology Department.

2. $38,425 - "To continue support of a project involving the training of dental students in the use of chair side assistants," July 1, 1964, through June 30, 1965, under the direction of Dr. John P. Dickson, Director of Dental Assistant Utilization Program.

3. $20,813 - "To continue the graduate training program in Dental Materials," July 1, 1964, through June 30, 1965, under the direction of Dr. David B. Mahler, Head, Department of Dental Materials.

4. $5,558 - "To continue the General Research Support Grant Program," January 1 through December 31, 1964, under the direction of Dr. Marshall L. Snyder, Research Coordinator.

5. $887 - An addition to "Research on Programmed Dental Instruction," June 1, 1964, through May 31, 1965, under the direction of Dr. R. L. Lang, Crown and Bridge Department.

Scholarships & Fellowships

Gifts and grants totaling $2,455.50 from the following donors for scholarships and fellowships:

- The National Foundation, Crook County Chapter $ 250.00
- Crown Zellerbach Foundation, San Francisco, California 750.00
- District 22, Oregon Nurses Association, Burns 100.00
- Pfizer Laboratories, New York City 1,000.00
- Weyerhaeuser Company Foundation, Tacoma, Washington 241.50
- Portland Rose Festival Association 114.00

New Eyes for the Needy, Inc.

Gift of $200 from New Eyes for the Needy, Inc., Short Hills, New Jersey, for the purchase of new prescription glasses and artificial eyes for needy patients, under the direction of Dr. Charles N. Holman, Medical Director.

American Cancer Society

Grant of $8,951 from the American Cancer Society, Oregon Division, Portland, in support of a research project entitled: "A Study of the Effect of Irradiation by Radiiodine on Thyroid Function and Ultrastructure," May 18, 1964, through May 17, 1965, under the direction of Dr. Monte A. Greer, Head, Division of Endocrinology.

American Heart Association

Grant of $12,485 from the American Heart Association, Inc., New York City, in further support of research entitled, "Occurrence, Formation and Metabolism of the Fibrous Proteins of Blood Vessels, Particularly in Aorta," July 1, 1964, through June 30, 1965, under the direction of Dr. David S. Jackson, Professor of Biochemistry.
Gift of $697.93 from Dr. Dietrich Kirchheim, Portland, for research in the Division of Urology.

Grant from the Markle Foundation, New York City, in support of the teaching and research activities of Dr. David Bristow, Assistant Professor of Medicine. It is a five-year grant covering a payment of $5,000 per year.

Grant of $5,000 from the Estate of Ruth Hayes McGraw, Portland, to be used as a part of the Oregon Visiting Professorship in Medicine Fund.

Gift of $500 from the Mead Johnson Laboratories, Evansville, Indiana, for Pediatric Resident Education.

Grant of $26,165 from the National Fund for Medical Education, Inc., New York City, in support of the instructional program, under the direction of Dean D. W. E. Baird.

Grant of $2,841 from the Oregon Tuberculosis and Health Association, Portland, for the purchase of equipment for the Pulmonary Function Laboratory at the Medical School.

Gift of $100 from the Charles Pfizer & Co., Inc., San Francisco, California, for film purchases by the Obstetrics and Gynecology Department.

Grant of $1,151.67 from the Portland Academy of Medicine, Portland, for the purchase of books and periodicals for the Library.

Grant of $5,000 from Research to Prevent Blindness, Inc., New York City, "for unlimited eye research purposes."

Gift of fifty shares of Johnson & Johnson common stock, valued at approximately $5,000, from Mrs. James W. Rosenfeld, Portland. This gift is to be used to establish a permanent endowment fund in memory of Dr. James W. Rosenfeld. The income from the fund is to be utilized for the purchase of books for the Department of Pediatrics.

Gift of $295 from Mr. and Mrs. Guy J. Sircellio, Portland, for the purchase of a laboratory recorder in memory of their daughter.

Grant of $1,055.13 from the Vierani Family Fund for Charitable Purposes, Portland, "to be used for purchase of supplies and medical accessories for medically indigent patients which could ordinarily not be provided for from hospital and clinic budgets."

Grant of $1,800 from the White Laboratories, Inc., Kenilworth, New Jersey, for research in the Department of Otolaryngology, under the direction of Dr. David D. DeWeese, Chairman of the Department.

Grant of $12,293 from the United States Army, Washington, D.C., in support of research entitled, "Further Studies on the Human Eccrine Sweat Gland," June 30, 1964, through December 31, 1964, under the direction of Dr. Richard L. Dobson, Associate Professor of Dermatology.
Grant of $13,500 from the Department of the Navy, Washington, D.C., in further support of research entitled, "Medical Education for National Defense," July 1, 1963, through December 31, 1964, under the direction of Dr. Stanley Jacob, Assistant Professor of Surgery.

Grants totaling $1,336,514 from the U. S. Public Health Service, for research, training programs, and other purposes, effective June 1, 1964, through May 31, 1965, unless otherwise indicated, as follows:

1. $23,333 - "Verbal Behavior Determinants," under the direction of Dr. Frederick H. Kanfer, Professor of Medical Psychology.

2. $14,376 - "Studies of Verbal Interaction," under the direction of Dr. Kanfer.

3. $19,989 - "Experimental Masochism and Allied Phenomena," under the direction of Dr. Judson S. Brown, Professor of Medical Psychology.

4. $38,002 - "Studies of Verbal Interaction Behavior of Nurses," under the direction of Dr. Arthur N. Wiens, Assistant Professor of Medical Psychology.

5. $821,126 - "Further research on Cardiovascular Program," under the direction of D. W. E. Baird, M.D., Dean.

6. $77,174 - "Mechanisms of Oxygen Metabolism," under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

7. $19,600 - "To train Cytotechnologists," July 1, 1964, through June 30, 1965, under the direction of Dr. Jackson T. Crane, Professor of Pathology and Chairman of the Department.

8. $15,741 - "To develop Professional Education Activities, emphasizing the importance of Cytology," July 1, 1964, through June 30, 1965, under the direction of Dr. Jackson Crane.

9. $140,055 - "Graduate Training in Psychiatry," July 1, 1964, through June 30, 1965, under the direction of Dr. George Saslow, Professor and Chairman, Department of Psychiatry.

10. $40,000 - "Training Program in Biochemistry," July 1, 1964, through June 30, 1965, under the direction of Dr. H. S. Mason, Professor, Department of Biochemistry.

11. $61,553 - "General Research Support," January 1 through December 31, 1964, under the direction of Dean Baird.

12. $17,126 - "Studies in Cryobiology," April 1 through December 31, 1964, under the direction of Dr. Stanley W. Jacob, Department of Surgery.

13. $13,152 - "Naturally Occurring Cotrogens," April 1 through August 31, 1964, under the direction of Dr. Monte A. Greer, Professor of Medicine.
14. $7,293 - "Hepatic Chemotherapy by Arterial and Venous Infusion," June 1 through October 31, 1964, under the direction of Dr. William S. Fletcher, Department of Surgery.

15. $27,889 - "Comparative Therapy of Leukemias and Lymphomas," March 31 through December 31, 1964, under the direction of Dr. Edwin E. Osgood, Professor of Medicine and Head of the Division of Experimental Medicine.

Crown Zellerbach Corporation - Payment of $50,000 from the Crown Zellerbach Corporation, Camas, Washington, as the first payment by the corporation on their contract with the State Board of Higher Education relative to the commercial development of dimethyl sulfoxide. The funds are to be used for research purposes at the Medical School.

Portland State College

Scholarships & Fellowships - Gifts of $1,280 from the Oregon Congress of Parents and Teachers, Portland for scholarships and fellowships.

PSC Coop Bookstore - Gift of $874.15 from the Portland State College Cooperative Bookstore to be applied to the Student Loan Fund.

National Science Foundation - Grants totaling $20,100 from the National Science Foundation for research as follows:

1. $14,000 - "Indigenous Languages of Oregon," May 1, 1964, through October 31, 1965, under the direction of Dr. Joe E. Pierce, Associate Professor of Anthropology.

2. $6,100 - "Oscillatory Magnetic Properties of Impure Bismuth," May 24 through September 30, 1964, under the direction of Dr. Laird C. Brodie, Associate Professor of Physics.

Peace Corps - Grant of $220,653 from the Peace Corps, Washington, D.C., to support a Peace Corps Volunteer Training Program at Portland State College, June 19 through October 4, 1964, under the direction of Dr. John O. Dart, Professor of Geography. The program will train volunteers for a secondary education project in Turkey.

Research Corporation - Grant of $2,045 from the Research Corporation, New York City, to support a research project entitled, "Study of the Solid State by Means of the Mossbauer Effect," under the direction of Dr. Rudi H. Mussbaum, Associate Professor of Physics.

Oregon College of Education

Scholarships & Fellowships - Gifts and grants totaling $3,080 from the following donors for scholarships and fellowships:

Bunker Hill Parent-Teacher Association, Coos Bay $ 200.00
Business & Professional Women, Sandy 100.00
Chi Chapter of Delta Kappa Gamma, Portland 300.00
Mr. & Mrs. Walter Clausen, Edmonds, Washington 390.00
Elks Lodge No. 1934, Brooking 300.00
Grant High School Dads Club, Portland 250.00
Hillsboro Union High School, Hillsboro 150.00
Oregon Congress of Parents and Teachers, Portland 1,290.00
Sweat Home Rock and Mineral Society 100.00
Meeting #329

Capitol Junior Women's Club
Gift of equipment, valued at $160, from the Capitol Junior Women's Club, Salem, for use under the direction of Dr. Robert Mulder, Professor of Speech Pathology.

Daughters of Union Veterans of Civil War
Gift of $100 from the Daughters of Union Veterans of the Civil War, Portland, to be applied to the Daughters of Union Veterans Loan Fund.

Junior Women of the Oregon Federation of Women's Clubs
Gift of equipment, valued at $531, from the Junior Women of the Oregon Federation of Women's Clubs, Salem, for use under the direction of Dr. Robert Mulder.

U.S. Dept. of Health, Education & Welfare
Grant of $54,465 from the U. S. Department of Health, Education and Welfare, Washington, D.C., for training teachers of the Deaf, under the direction of Dr. Walter E. Snyder, Dean of Instruction.

Office of Vocational Rehabilitation

Southern Oregon College
Scholarships & Fellowships
Gifts and grants totaling $3,787.43 from the following donors for scholarships and fellowships:

- Rotary Club, Medford $ 100.00
- Institute of International Education, New York City 250.00
- Grand Chapter, Eastern Star, Portland 232.00
- The Carpenter Foundation, Medford 1,305.00
- John Dickey Art Award, Ashland 200.00
- Miss Sarah F. Wolverton, Pasadena, California 412.00
- Junction City Parent-Teacher Association 112.00
- District 6 Teachers Association, Central Point 150.00
- Oregon State Employees Association, Salem 100.00
- Lower Umpqua Federation of Teachers, Gardiner 100.00
- Jackson County Education Association, Ashland 200.00
- American Legion Auxiliary, Dundee 400.00
- Miss Bonnie M. Bullard, Grants Pass 226.43

Gifts for Student Loan Funds
Gift of $700 from Lehner Printing Company, Corvallis, for the Student Loan Fund to be controlled by the Student Aids and Honors Committee.

Eastern Oregon College
Scholarships & Fellowships
Gifts and grants totaling $2,184 from the following donors for scholarships and fellowships:

- Elks Lodge No. 433, La Grande $ 1,196.00
- Soroptimist Club, La Grande 294.00
- Milton-Freewater Education Association 100.00
- Sacajawea Hotel, La Grande 300.00
- Junior Women's Club, Union 294.00
Gifts totaling $1,363.50 from the following donors for matching funds for the United Student Aid Fund loan program, as follows:

- A.A.U.W., La Grande Chapter: $500.00
- American Legion Auxiliary, Unit #43, La Grande: $100.00
- EOC Alumni Association, La Grande: $463.50
- Pine Valley Parent-Teacher Association, Homestead: $100.00
- La Grande Publishing Company: $100.00
- West Coast Telephone Company, La Grande: $100.00

Oregon Technical Institute

Central Linn High School

Gift of $180 from the Central Linn High School, Halsey, for scholarships.

Tektronix, Inc.

Gift of 50 textbooks entitled *Basic Semiconductors and Diodes*, from Tektronix, Inc., Beaverton, valued at $250.

Division of Continuing Education

Scholarships & Fellowships

Gifts and grants totaling $684 from the following donors for scholarships and fellowships:

- Flightcraft, Inc., Portland: $100.00
- Oregon State Board of Control, Salem: $144.00
- Oregon Tuberculosis & Health Association and Grant County TB & Health Association, Portland: $440.00

U.S. Office of Health, Education & Welfare


Traffic Rules and Regulations

The Chancellor recommended that the following section be added to the Administrative Code in order to facilitate the approval and filing of traffic regulations at the various institutions:

"The Chancellor is authorized to approve any traffic regulations promulgated pursuant to ORS 352.360 by the various institutions, departments or divisions of the State Board of Higher Education and to file such traffic rules and regulations with the Secretary of State pursuant to the provisions of ORS Chapter 183."

The Board approved the recommendation as presented.

Revision of Administrative Code, Section L-3-M

The Chancellor recommended that the following amendment be added to the Administrative Code as a new paragraph of Section L-3-M:

"Salaries of all academic staff of the State Board of Higher Education, with rank of instructor or above, employed on an academic year basis, shall be paid as follows, unless authorized otherwise by the Chancellor, effective with the academic year 1964-65:"
"One-eighth of the annual salary shall be paid at the end of September of each year, one-twelfth at the end of each month succeeding to and including May, and the balance at the close of the fiscal year."

The Board approved the recommendation as presented.

President Jensen, with the concurrence of the Chancellor, recommended that the name of the Department of Fish and Game Management be changed to Department of Fisheries and Wildlife in order to more properly describe the nature of the mission of the department. The training and research programs extend considerably beyond the limitations imposed by the word "management." Also the term "wildlife" proposed to be substituted for "game" is generic and includes all living things that are neither human nor domesticated. Though "wildlife" technically includes fishes, it is believed that "fisheries" should be incorporated into the name of the department because of the major importance of fishery resources in the department's work.

The Board approved the recommendation as presented.

President Holloway announced that the next regular meeting of the Board would be a joint meeting with the State Board of Education in Salem on September 14 and 15. He called attention to the meetings scheduled for October 26-27 at Oregon Technical Institute and December 7-8 at Portland State College.

It was reported that the Chancellor has been invited to join a group of six educators and administrators from the United States to spend time in Germany as a guest of the German government under a program entitled "Visitation Program of the Federal Republic" to observe and to contribute to the higher education study in Germany. He will leave for Germany on September 15 and return about October 10 and he has scheduled his vacation to cover this period of time.

President Holloway called for nominations for Board officers to serve during 1964-65. On motion by Director Merrifield and second by Director Joss, the incumbent officers were nominated and re-elected by a unanimous vote. The Secretary was instructed to cast a unanimous ballot. The officers for 1964-65 are as follows: President, Mr. Chas. R. Holloway, Jr.; Vice President, Mr. J. W. Forrester, Jr.; and R. E. Purvine, M.D., third member of the Executive Committee.

President Holloway stated that progress has been made in several areas of general policy discussions and determinations. He noted that this agenda item had been included at each meeting in order to provide an opportunity for the Board to become better acquainted with the problems, particularly those of policy and procedures, which would serve as a background for reaching decisions on specific items. He called attention to the following important items which had been summarized at this meeting of the Board:

1. The recapitulation of all the policy and procedural decisions that have been made by the Board leading to the preparation of a building program for presentation to the Governor and the legislature.
2. The report of the health services in which all of the Board decisions regarding health services were assembled in one document;

3. The State System and institutional guidelines which will give a broad framework within which the Board can operate more efficiently;

4. The Graduate Study and Research program for the Portland area.

The State Board of Higher Education is responsible for administering the Basic Science Act under which a group of examiners selected from the science faculties of Oregon universities and colleges, administers to persons who plan to practice the healing arts in Oregon a set of examinations in certain basic sciences. Oregon does not grant certificates in the basic sciences by reciprocity with other states unless they have a similar basic science examination administered by a separate basic science board. Consideration has been given to the possibility of an amendment to the state law which would permit the acceptance of Part I of the examination of the National Board of Medical Examiners in reciprocity.

The Secretary of the Board stated that Dr. R. E. Purvine had just received the following letter from the Oregon Medical Association regarding these examinations:

"It appears that more and more medical schools if not all schools are requiring their students to take Part I of the examination of the National Board of Medical Examiners. We understand that this examination is given near the end or at the close of the Sophomore year as a comprehensive examination in the basic sciences. At the University of Oregon Medical School it is our understanding that students are also given the Oregon basic science examination.

In recent years, we have observed that an increasing number of physicians expressing a desire to practice in Oregon have a National Board certificate including Part I and would definitely locate here if Part I were accepted in reciprocity for an Oregon Basic Science certificate. Those physicians, however, who do not hold a basic science certificate by examination from the state with which Oregon reciprocates are most reluctant to take the Basic Science examination in Oregon or even in a reciprocating state and therefore quite a number are lost to this medical community.

Inasmuch as Part I of the National Board examination is comparable to the Oregon Basic Science examination it would seem most desirable to consider accepting it in reciprocity. The Association's Committee on Public Policy is most interested in discussing such an amendment to the Oregon Basic Science Act. The Committee will be meeting frequently prior to the 1965 Session of the Oregon State Legislature and would be interested in having the views of the Oregon State Board of Higher Education regarding such a legislative proposal. It is our understanding that the Oregon State Board of Medical Examiners has already acted favorably on this proposal and will also be invited to participate in the discussions."
"Best wishes for a successful meeting of the Board of Higher Education."

Sincerely,

OREGON MEDICAL ASSOCIATION

/s/ Roscoe K. Miller

Roscoe K. Miller
Executive Secretary

In the discussion it was pointed out that the percentage of failures is high in the present basic science examinations primarily because some of the individuals taking the examinations usually have been practising successfully in other states for a number of years and they have not had recent courses in the basic science subjects. Many of the practitioners from other states have already taken and passed Part I of the examination of the National Board of Medical Examiners which is a comparable examination given by a recognized examining group.

The Board approved the suggestion contained in the letter from the Oregon Medical Association that there be discussion of an amendment to the Oregon Basic Science Law with the understanding that any legislation to be submitted to the 1965 Legislature will be forwarded to the Board for information and consideration at a later date.

CHANCELLOR'S REPORT

The Chancellor presented the following summary report on gifts and grants received during the past five years and also a condensed summary for the past 25 years:

SUMMARY OF GIFTS AND GRANTS TO
OREGON STATE SYSTEM OF HIGHER EDUCATION
1959-1964

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<th>PURPOSE OF GIFT</th>
<th>SOURCE OF GIFTS</th>
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<th></th>
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### PURPOSE OF GIFT

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### Purpose of Gift

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<td><strong>6. Scholarships</strong></td>
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<tr>
<td>1959-60</td>
<td>$18,597.00</td>
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<td>$210,183.05</td>
<td>$762,961.92</td>
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| **7. Loan Funds**    |              |              |              |
| 1959-60              | ---          | 74,260.00    | 74,260.00    |
| 1960-61              | $59,096.00   | $14,903.00   | $73,999.00   |
| **Total for 1959-61 Biennium** | $59,096.00 | $89,163.00   | $148,259.00  |
| 1961-62              | $123,830.00  | $5,253.00    | $129,083.00  |
| 1962-63              | $460,098.00  | $20,320.00   | $480,418.00  |
| **Total for 1961-63 Biennium** | $583,928.00 | $25,573.00   | $609,501.00  |
| 1963-64              | $224,010.00  | $38,829.33   | $262,839.33  |

| **8. Books, Supplies & Equipment** |              |              |              |
| 1959-60              | $36,438.00   | $69,393.00   | $105,831.00  |
| 1960-61              | $48,762.00   | $182,673.00  | $231,435.00  |
| **Total for 1959-61 Biennium** | $85,200.00 | $252,066.00  | $337,266.00  |
| 1961-62              | $77,846.00   | $97,932.00   | $175,778.00  |
| 1962-63              | $85,252.00   | $56,755.00   | $142,007.00  |
| **Total for 1961-63 Biennium** | $163,098.00 | $154,687.00  | $317,785.00  |
| 1963-64              | $4,700.00    | $108,290.31  | $112,990.31  |

| **9. Advancement of Teaching Programs** |              |              |              |
| 1959-60              | ---          | 83,068.00    | 83,068.00    |
| 1960-61              | $140,952.00  | $150,638.00  | $291,590.00  |
| **Total for 1959-61 Biennium** | $140,952.00 | $233,706.00  | $374,658.00  |
| 1961-62              | $112,076.00  | $56,200.00   | $168,276.00  |
| 1962-63              | $105,061.00  | $324,367.00  | $429,428.00  |
| **Total for 1961-63 Biennium** | $217,137.00 | $380,567.00  | $597,704.00  |
| 1963-64              | $608,341.00  | $255,794.31  | $864,135.31  |
### PURPOSE OF GIFT

<table>
<thead>
<tr>
<th>Year</th>
<th>CARE OF MEDICALLY INDIGENT</th>
<th>UNRESTRICTED</th>
<th>MISCELLANEOUS</th>
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<td>1963-64</td>
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### TOTALS

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<td>1963-64</td>
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<tr>
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<tr>
<td>Federal</td>
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<tr>
<td>Other</td>
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<tr>
<td>Total</td>
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<td>20,309,731.62</td>
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### SUMMARY OF GIFTS AND GRANTS TO OREGON STATE SYSTEM OF HIGHER EDUCATION

#### 1939-1964

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<td>1942-43</td>
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<td>Total</td>
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<td>1960-61</td>
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<td>Total</td>
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<td>1961-62</td>
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<tr>
<td>1962-63</td>
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<tr>
<td>Total</td>
<td>$29,504,876.00</td>
</tr>
<tr>
<td>1963-64</td>
<td>$20,309,731.62</td>
</tr>
</tbody>
</table>
Board members questioned whether there was a possibility of an increase in the availability of loan funds, and it was stated that the needs of the institutions for loan fund money with reasonable rates of interest and periods of repayment will probably be met through the NDEA loan fund program due to several factors—(1) an increase in the federal share under the program, (2) a substantial increase in the total amount of money appropriated by Congress, and (3) the probability that the ceiling on loan funds for each institution will be removed.

The opinion was expressed that information should be obtained which would indicate the difference between the requests for funds and the money available in order that there might be a greater effort made to decrease the shortage of loan funds. It was agreed that this information would be available at the next meeting.

The Chancellor announced that the School of Social Work at Portland State College has been accredited by the Commission on Accreditation of the Council of Social Work Education, retroactive to the beginning of the program now in effect. After three years a review will be made for reaffirmation of the accredited status.

The Chancellor reported that Crown Zellerbach Corporation has presented a check for $50,000 representing the first payment under the contract with the State Board of Higher Education for the commercial development of dimethyl sulfoxide. The payment covers 50 percent of the licensing fees paid by four of the major drug companies who are interested in working with dimethyl sulfoxide. The funds are to be used for research at the Medical School.

As the last item in his report, the Chancellor summarized the official audit report of the Department of Higher Education for the fiscal years July 1, 1961, through June 30, 1962, and July 1, 1962, through June 30, 1963. This summary and the Chancellor's recommendations regarding certain items in the audit report are included in a letter to Board members, dated July 28, 1964, which appears as Supplement B to these minutes. In the preliminary discussion it was pointed out that care should be taken that audit procedures and accounting details do not influence educational policy to the detriment of that policy.

The Chancellor recommended that the Board reaffirm its policy of excluding the assets and liabilities of independent affiliated bodies in submitting its financial reports and that it also reaffirm its policy of permitting the institutions, when approved in the budget, to subsidize, to a limited and reasonable degree, the operations of some of these organizations. It was noted that there is a distinction between incorporating the assets and liabilities of independent affiliated bodies in the financial reports of the Board and encouraging these bodies to submit to a state audit.
There was some discussion as to whether these independent affiliated bodies should be completely independent, but it was pointed out that there are advantages to having them closely related to but independent of the institutions. Individuals are more likely to contribute to an independent agency than to a state agency; funds are available immediately for necessary purchases; and independent affiliated bodies can place funds in yield-bearing investments which cannot be used by state bodies. However, at the same time it is desirable to have these bodies closely affiliated with the aims of the schools.

Mr. Snider indicated that he felt that state support of alumni organizations and publications tends to cause an imbalance between institutions and that he did not believe that state funds should be spent for the publication of alumni activities and the cost of alumni records. He also expressed the opinion that it is not as necessary to carry on fund raising activities in a state-supported school as it would be in a private school.

The Board reaffirmed its present policies relating to independent affiliated bodies, as recommended by the Chancellor, with the suggestion that these organizations be encouraged to submit their records to a state audit in preference to a private audit. Mr. Snider voted against the motion.

The Chancellor recommended that the Board policy of authorizing institutions to seek funds for the purpose of supplementing a research project already underway, within the resources of the institution, should be reaffirmed.

The Board approved the recommendation but expressed the opinion that there should be a judicious use of state funds for research purposes and that projects for which state funds are used should be primarily of instructional benefit.

The Chancellor concluded his comments on the audit report by briefly summarizing the criticisms and comments detailed in the letter to Board members. These included the control of grant and contract receivables, cost allocation and the charging of direct and indirect costs to the appropriate project funds, the processing of research grants through the institution rather than a corporate affiliate when institutional personnel or property is used, and adherence to the provisions contained in grant and contract administrative documents and the Board's Administrative Code in grant and contract accounting. The Chancellor reported progress and further proposed action in three areas of the audit report—higher education bond sinking fund, cost allocation accounting, and general accounting methods and procedures.

It was noted that many of the criticisms have been corrected by policy decisions subsequently approved by the Board. It was indicated that further recommendations and reports will be presented at a later time.

The meeting adjourned at 11:55 A.M.

Chas. R. Holloway, Jr., President

R. L. Collins, Secretary
I. General Statement

The Oregon State System of Higher Education has declared the goal of excellence in carrying out its responsibilities. Its students are the most fundamental and most valuable natural resource of the state. The component schools, colleges and universities are charged with being the pro tem guardians of this resource, and with acting in loco parentis to them. They assume responsibility to the parents on the one hand, and to the entire community on the other.

Four of the eleven goals of higher education defined by the President's Commission in 1947 are properly concerned with maintaining the health of the students. In keeping with these goals, the Health Services of the State System have been increasing both in size, and scope of service and assuming more of the functions of the medical center of the college community.

The aims of the Health Services must be to (1) give increasing amounts of high quality medical care rapidly and effectively; (2) to provide adequate preventive medical services; (3) to carry out health education, both in the clinical setting and the classroom. To define these aims the following guide lines have been drawn.

II. Eligibility for Health Services

1) Students, graduate and undergraduate who pay the full Student Health Fee are to have as complete a service as the budget and facility allow. Well defined channels for care of students should be spelled out both for usual
daytime problems and out-of-hours illnesses.

2) **Academic** and non-academic employees (including Fellows, Research Assistants, etc.) are to be included in tuberculosis control programs, immunization clinics, and such other public health measures as the Director sees fit. General medical care is not available to this category. An Occupational Health Service may be developed on any campus whenever this appears to be desirable.

3) **Student dependents** - general care of dependents should not be included in a Student Health Service but exceptions may be made for special reasons - general preventive medical procedures, procedures of teaching value, etc.

III. *Kinds of Service to be Provided*

Much variation is essential in the operation of Health Services to accommodate to local conditions. Compensation in one aspect may make up for a lack in another. Four basic services must be provided:

1) **Outpatient services** - these are the ordinary medical visits by ambulatory patients. They may be medical, surgical, psychiatric, or simply counselling. They require an adequate staff of competent doctors and nurses.

2) **Infirmary services** - they may be day-bed only services in some schools; overnight services in other schools. They may provide bed care for minor illness, for convalescence from hospital illness, or for isolation care of contagious disease.

3) **Hospital services** - these should be provided for basic medical, surgical, or traumatic injury care, for a 10-day period annually. These services may be provided in community hospitals.
4) **Insurance services** - should be provided for each student through the State Board of Higher Education to extend coverage during times when service is not available through the Health Service facilities. This would include inter-term vacations, summer vacations, and regular year emergencies occurring at a geographically different area, and should provide the basic hospital service specified above. The coverage for each institution should be tailored to the needs of each institution as approved by the Director.

5) **Emergency services** - will be given within the capacity of the Health Service facilities to any person brought to the Service. It should be recognized that the usual facilities of the Health Service are not equipped for this function to the extent customary for community hospitals.

6) **Courtesy service** - will be extended to students from other state system campuses when necessary.

IV. **Administrative Patterns**

The Health Service should be organized under a "Director" who carries out the major responsibility for 1) fiscal matters germane to his operation; 2) planning and management of the physical installation of the service, including operation of such hospital facilities as exist; 3) procurement and management of the professional staff as well as the non-professional staff; 4) advising the Institutional Administration on medical and health matters; 5) evaluating the emotional and physical suitability of candidates for special training programs within the System; 6) directing and helping carry out the active medical service to the students; 7) personally carries the moral as well as the legal liability for the entire operation. The administrative
pattern should be consonant with the unusual responsibility over a wide area of campus activity.

1. The Director should be a physician, licensed to practice medicine in the state of Oregon. He may be part or full time. The legal responsibility resides in the Director.

2. The Director should have the same general administrative status as a Dean, and the academic rank of Professor.

3. The Director should report directly to the chief administrative officer of the institution and he responsible directly to him.

4. There may be an Assistant Director whose title will be suitable to the circumstance of the particular Health Service.

V. Pre-entrance Examinations

A. Requirements

1) All students coming onto the campuses of the Oregon State System are required to present evidence of being in sufficiently good mental and physical health to profit from instruction, and to be free of communicable disease of importance to the public health. This evidence is to be in the form of an examination from a qualified physician, medical or osteopathic, and includes the specifications for immunization and tuberculosis control specified in section K-4 of the Administrative Code.

2) If a student transfers from one college to another within the System, he need not be re-examined, but may submit a copy of the initial examination, accompanied by a) his or her statement of current health and b) any pertinent updating of the medical record on the part of the previous Health Service. This provision will apply only within a five year period.
3) **Foreign students** - pre-registration examinations are to be submitted in English. Service examinations are not acceptable for Student Health purposes. Foreign students must be screened for tuberculosis annually, or at such other intervals as discretion of the Director may indicate.

4) The Unified Oregon State Physical Examination is supplanting the existing variable forms as quickly as practicable in all institutions of the System.

5) Students from colleges outside the Oregon State System of Higher Education may similarly submit their previous examination whenever the information given by the previous health service is satisfactory to the Director.

6) The Director, at his discretion, may require re-examination of any individual student, notwithstanding any of the above, and may require the carrying out of any measures he deems necessary for the protection of the public health.

VI. Physical Facilities

The physical plant used by the Health Service is a property of the state and should be financed in the same way as other structures which provide a general campus service. The Health Service budget should provide for the equipment of the building.

The physical facilities should be consonant with the standards established by the American College Health Association.

VII. Standards for Health Service Staffing (FTE = 1 full time equivalent)

A. Physicians

One FTE physician for each 1,000-1,500 students depending on extent to which physicians participate in institutional services
B. Nurses
One FTE nurse for each physician for dispensary services; one nurse for each ten bed patients; one additional nurse for each 5,000 students for special services

C. Licensed Practical Nurse or Nurses Aide
To be employed where desirable

D. Technologists
One FTE for each 3,000 students; categories include X-ray, Medical, and Physical Therapy

E. Clerical
One FTE clerical position for up to the first 1,500 students, one for next 1,500; and one for each additional 1,000 students

F. Student Assistants
Should be employed in nonsensitive areas, and should not have access to medical records for other students

G. Pharmacist
No registered pharmacist required since there is no compounding of drugs

H. Administrative Assistant
One administrative assistant when student enrollment reaches 5,000 students

I. Overnight Care
An additional 0.1 physician position for 1,000 students living away from home

J. Partial employment
Physicians and nurses increased 0.1 per 100 extra students

VIII. Budgetary Arrangements

A. Student Fees
The Health Services in the System are essentially pre-paid medical care plans which may include insurance, "sold" to a favorable risk student population. The student is buying health care under the aegis of the college. He should know that he is paying for a service, not getting "free" medical care. The Health Service premium should be plainly stated in the fee schedule of each institution. Where an accessory insurance premium exists, it also should be identified.
B. Accessory Fees

1) Special procedures or medications: The amount of the quarterly Student Fee should be sufficient to cover unusual expenses such as these. When necessary, they should be collected directly as they arise and credited to the Health Service account.

2) Clerical expenses: a fee may be charged for making and forwarding a medical transcript.

C. Institutional Service Recompensation

Programs such as immunization of the entire campus community, tuberculosis control, instructional activities, etc., should be done as needed and they should be recompensed to the Health Service budget from the general fund, the educational fund or in whatever manner is suited to the particular institution.

D. Equivalent Source Recompensation

When a special program or examination is done for a source outside the institution, such as the Armed Forces, Peace Corps, etc., equivalent compensation may be received, such as the furnishing of materials, X-ray films, vaccines, etc., or direct financial recompense may be made where suitable.

E. Malpractice Insurance

This should be provided for each full time doctor, and a prorated amount for each part time doctor in the Service. This should be paid from the Student Health Budget.

IX. Provision for Changes

The most important part of setting up a new set of principles, programs, or regulations is to make such arrangements for changing that these do not become
an anchor against progress. Since every administrative and instructional
department of the Oregon State System of Higher Education has a common interest
in having healthy effective students, the only problem is to set up a positive
chain of communication.

A. Communication within the individual campus

1) The chief executive officer of the institution bears the responsibility
for effective operation of the Student Health Service. The Director of the
Health Service is his immediate adviser and administrative assistant in these
matters. Communication should be preferably direct between these two. Where
the organization of campus administration makes this unworkable, the direct
communication should be between the chief administrative assistant to the
executive officer and the Director of the service.

2) An intra-institutional committee should be appointed by the chief
executive officer to provide a means for regularly bringing together all those
concerned with student problems. This might be commonly titled "Committee on
Student Health, Welfare and Counselling". It should consist of:

a. Deans as appropriate to the individual institution
b. Director of the Health Service
c. Director of Student Counselling Service, where this is separate
d. Director of Dormitories, where applicable
e. Director of P.E. activities
f. Fiscal Officer of the institution
g. Representative of Associated Students, where applicable

This committee should report directly to the chief executive officer and where
necessary be an "action" as well as advisory committee.
B. Communication within the State System

1) Permanent Committee of Health Service Directors

This committee should be continued essentially as it has existed in the past with the addition of a representative from the office of the chief fiscal officer of the System. Its function should be primarily interchange of information. It should also sit as a periodic advisory committee to the Chancellor and to the State Board.

J. B. Trainer, M.D., Chairman
Committee of Health Service Programs
Oregon State System of Higher Education
July 27, 1964
July 20, 1964

(SUPPLEMENT B)

TO MEMBERS OF THE BOARD OF HIGHER EDUCATION:

At the La Grande meeting of the Board I reported to you that we had received the official audit report for the Department of Higher Education for the fiscal years July 1, 1961, to June 30, 1962, and July 1, 1962, to June 30, 1963. Copies of this audit report have been sent to each member of the Board of Higher Education.

It should be noted at the outset that the audit for the two years noted above has employed auditing methods materially modified and extended over the methods utilized in prior years. According to the cover letter with the audit report "the accounting problems noted in this report have existed in fiscal years prior to July 1, 1961." It should be further noted that the audit report includes under the heading "General Comments" on page 39 the following:

"Modifications to the accounting and budgeting systems appear to have been kept to a minimum during the past several years during which the activities of the Department of Higher Education have greatly expanded. It is believed that the time has now come to make extensive revisions in the accounting, budgeting, and data processing methods of the Department."

One further general observation appears to be pertinent. The cover letter noted that "during the course of the audit we have reviewed statements of accounting policies submitted by officials of the Department of Higher Education to the Board designed to correct some of the practices and procedures described and illustrated in this report. If these policies are made operational, it would seem that they will materially improve the grant and contract accounting."

Because of the thoroughness of the audit and because of the revised methods employed, many of the recommendations included in the audit report will prove to be even more helpful and useful to the Department of Higher Education than the recommendations in the audit which preceded it. This is not to say that your staff members agree with all of the conclusions drawn by the auditors.

One inevitable result of an audit of this character is that its conclusions may approach, sometimes may even trespass upon, policy issues. One of our important concerns is that as we react to the audit
we avoid allowing the audit procedures, and an auditors unavoidable concern for accounting details, to influence educational policy to the detriment of that policy. I'll identify some such concerns as we review this report.

The audit report concerns itself with five areas as follows:

1. Independent Affiliated Bodies.
3. Higher Education Bond Sinking Fund.
5. General Accounting Methods and Procedures.

I shall comment on each of the items noted above:

1. Independent Affiliated Bodies: The audit report noted that organizations described as "independent affiliated bodies," generally non-profit corporations, "were not under the financial and accounting control of the Board of Higher Education." The report went on to say "Failure to record the assets and liabilities in the accounting records and to properly include them in the financial reports of the Board of Higher Education would seem to nullify the important accounting postulate of adequate disclosure. Furthermore, the operations of some of these organizations were subsidized from education and general moneys of the Current Funds of the Board of Higher Education through payment of considerable amounts of their operating costs."

Although the "independent affiliated bodies" referred to in the report are closely related to the several institutions, the fact remains that Board policy has regarded these "independent affiliated bodies" as independent in a real sense. In general, it is my opinion that the Board of Higher Education has no authority to require that the assets and liabilities of these affiliated bodies be included in its financial reports. It is my recommendation that the Board reaffirm its policy of excluding these assets and liabilities in submitting its financial reports.

As noted above, the audit report comments on the fact that some of these organizations are subsidized from education and general moneys of the Board of Higher Education. For example, the salary of the Director of the University of Oregon Development Fund is paid from the General Fund operating budget of the University of Oregon. Furthermore, the Agricultural Research Foundation is housed on the Oregon State University campus, and its operating expenses are paid from the General Fund operating budget of Oregon State University.
In view of the statutory obligation to encourage gifts to the institutions, and in view of the fact that these foundations produce substantial amounts of money to assist with achieving the objectives of the institutions, I recommend that the Board reaffirm its policy of permitting the institutions when approved in the budget to subsidize to a limited and reasonable degree, the operations of some of these organizations.

Attention is also called to the Board action of October 28-29, 1963, establishing a policy which states that "where an affiliate performs operations involving the use of state-owned property, and the operation is of a nature and type which is, in the opinion of the Board, essential to the purposes of the Board...the objective...is...(to) effect a change of responsibility as soon as practical."

2. Research Grants and Contracts: In connection with this item, attention should be called again to the two sentences in the cover letter of the audit report as follows:

"During the course of the audit we have reviewed statements of accounting policies submitted by officials of the Department of Higher Education to the Board designed to correct some of the practices and procedures described and illustrated in this report. If these policies are made operational, it would seem that they will materially improve the grant and contract accounting."

The statements referred to in this cover letter are those adopted by the Board of Higher Education at its January 27-28, 1964, meeting. These policies are operational, and hence should "materially improve the grant and contract accounting."

Five specific statements were included in the audit report and I shall reproduce each of those statements below with comments.

1. The budgeting or cost estimates of the projects were inadequate to insure that sufficient moneys would be available to pay all direct and indirect costs of the projects properly allocable to them on a basis of generally accepted accounting principles applicable in the circumstances.

Comment: It should be noted that institutions have sometimes sought supplemental funds, rather than total cost, to assist with research projects. The Board policy of authorizing institutions to seek funds for the purpose of supplementing a research project already underway, within the resources of the institution, should be reaffirmed.
2. The accounting procedures of the Board of Higher Education did not include adequate control on grant and contract receivables which at a rough estimate at June 30, 1963, totaled $6,000,000.00. The billing procedures were not suitable to insure moneys on hand to meet scheduled disbursements, as evidenced by the fact that overdrafts in some of these projects accounts at June 30, 1963, totaled some $1,742,987.97. Disbursements representing these overdrafts were presumably advanced from state moneys.

Comment: This is not simply a result of billing procedures -- the federal regulations regarding disbursement of funds also is a factor. We are establishing a policy of quarterly billing for reimbursement of expenditures as a minimum, thus reducing the magnitude of the so called "overdrafts." It is not believed that these "overdrafts" can be entirely eliminated and maintain the grants and contracts program with the Federal government. Moreover it seems likely that the total of overdrafts in individual project accounts, to be reimbursed by the federal government, was less than the sum of positive balances in other accounts for which it made advance payments.

3. The methods of cost allocation and the systems of data communication in connection therewith were not adequate to insure that all costs, both direct and indirect, properly allocable to the project funds were so charged. The direct costs for salaries and wages, materials and supplies, etc., as well as uncharged indirect or overhead allowances not properly charged to these projects were paid from education and general moneys provided in whole or in part by the State of Oregon. Omission of charges due to insufficient budgetary and accounting procedures on the 125 grants examined totaled $304,363.05. In addition some 18 of the projects contained employees assigned to the projects with no amount or percentage of time specified so that no evaluation of these omissions was made nor included in the amount cited above.

Comment: As noted in the item above, the policy of the Board has been to permit the participation in the research costs if the project is consistent with institutional research plans and capacity. The attention of the Board is called nonetheless, to a statement in the January recommended procedures as follows: "In order that the institutions receive maximum support, moneys will be sought to the extent deemed practical by the institutions to pay all direct and indirect costs for each project."
4. Twenty-nine grants examined were processed through the Medical Research Foundation of Oregon totaling some $795,709.00 on which overhead allowances of $93,279.00 were remitted by the granting agency to this corporation although the personnel and facilities of the University of Oregon Medical School were used in executing the research involved in these projects. Grant award instruments executed by the Department of Health, Education and Welfare named the University of Oregon Medical School as grantee on at least $215,830.00 including $20,715.00 of indirect cost allowances of the amount mentioned above. A letter from the Department of Health, Education, and Welfare dated June 13, 1963, appears to regard the relationships between the Medical Research Foundation of Oregon and the University of Oregon Medical School as internal accounting procedures. It is assumed that all of the above referred to grants were accordingly made to the University of Oregon Medical School and as such were subject to such controls as exist in Oregon laws and the Administrative Code of the Board of Higher Education. Accordingly, some disbursements made by the Medical Research Foundation of Oregon and charged to contract overhead funds noted above were not properly approved by the Board of Higher Education....

Comment: Your attention is called to another section in the January policy statement as follows: "When all or a major portion of a project performance requires the services of institution personnel or use of its property, or if the project funding includes indirect cost allowances, funding is to be requested in the name of the State Board of Higher Education." Implementation of this policy statement has eliminated the possibility that grants or contracts including indirect costs will be channeled through a corporate affiliate rather than directly to one of the institutions.

5. The grant and contract administrative documents of the Department of Health, Education, and Welfare and of the National Science Foundation and certain provisions of the Administrative Code of the Board of Higher Education were not in all instances adhered to in the grant and contract accounting by certain of the institutions under the control of the Board.

Comment: The provisions of the January policy statement should assure that, in the future, the regulations of the Department of Health, Education, and Welfare, of the National Science Foundation, and of the Administrative Code of the Board of Higher Education will be adhered to in grant and contract accounting.
3. Higher Education Bond Sinking Fund: Our interpretation of the Attorney General's Opinion appears to support the practices which we have followed in connection with the Higher Education Bond Sinking Fund, with the exception of the accounting for the Memorial Union Board of Governors at Oregon State University. Action is underway to correct this situation.

One question remains unanswered -- this concerns the custody of securities purchased with restricted funds. This question is being pursued with the Attorney General, and we will take whatever action is indicated when the question is resolved.

4. Cost Allocation Accounting: The questions raised by the auditor in connection with cost allocation relate especially to (1) sponsored projects, mainly research, and (2) auxiliary enterprises. It is believed that the cost allocation questions related to sponsored projects, mainly research, have been dealt with by the Board in its policy statement of last January. The questions related to cost allocation in connection with auxiliary enterprises seem to have resulted from the absence of a sufficiently clear policy for the Board. You have already considered at this meeting a policy proposal regarding allocation of construction costs. A policy proposal regarding allocation of operating costs will be presented later.

5. General Accounting Methods and Procedures: I am not yet prepared to describe for you the steps which we will take in connection with this section of the audit report. We have engaged a consultant for the purpose of recommending modifications in our data processing procedures and equipment to enable us to overcome some of the criticisms of the auditor. I have asked Mr. Bork and Mr. Watson to prepare recommendations which will strengthen our general accounting methods and procedures. One of these recommendations has been received, namely, the employment of an internal audit staff effective with the 1965-66 fiscal year. An item will be included in the 1965-1967 state budget requests to finance this additional service.

Other modifications will be made in budgetary and accounting practices in consultation with the appropriate institutional business and fiscal officers.

An order has also been approved by the state for the renting of data processing equipment having greater capacity than that now in operation in the Comptroller's Office.
Modifications have been made in the accounting and reporting for research projects for use of use of institutions and project supervisors involving financing for periods of time which do not coincide with the state fiscal year, and also of line item budget limitations which differ from those of the state.

Sincerely,

R. E. Lieuallen
Chancellor