STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD IN
MARINE SCIENCE LABORATORY, OREGON STATE UNIVERSITY, NEWPORT, OREGON

July 26-27, 1965

MEETING #338-1  A regular meeting of the State Board of Higher Education was held in the Marine Science Laboratory, Oregon State University, Newport, Oregon, on July 26-27, 1965.

ROLL CALL

The meeting was called to order at 9:00 A.M. on Monday, July 26, 1965, by the President of the Board, Mr. Chas. R. Holloway, Jr., and on roll call the following answered present:

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

Absent: R. E. Purvine, M.D., was absent on state business.

OTHERS PRESENT:

Centralized Activities—Chancellor R. E. Lieuallen; Secretary R. L. Collins; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. M. G. Romney, Vice Chancellor for Academic Affairs; Dr. J. W. Sherburne, Vice Chancellor for Continuing Education; Mr. J. I. Hunderup, Director of Facilities Planning; Mr. J. L. Watson, Comptroller; 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; and Mr. Guy Lutz, Assistant Director, Office of Institutional Research.

University of Oregon—President A. S. Flemming; Dr. W. C. Jones, Dean of Administration; Mr. J. O. Lindstrom, Director of Fiscal Affairs; Dr. Jarold A. Kieffer, Assistant to the President.

University of Oregon Dental School—Mr. Eugene Bauer, Business Manager.

University of Oregon Medical School—Dr. C. N. Holman, Associate Dean; Mr. W. A. Zimmerman, Assistant Dean for Business Affairs.

Oregon State University—President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Director of Business Affairs; Dr. Charles H. Blumenfeld, Assistant to the Director of Business Affairs; Mr. S. M. Metzger, Superintendent of the Physical Plant.

Portland State College—Dr. Brock Dixon, Dean of Administration; Mr. W. T. Lemmon, Director of Business Affairs; and Dr. Frank Roberts, Assistant Dean of Faculty.
Meeting #338-2

Oregon College of Education--President L. W. Rice: Dr. Ronald L. Chatham, Director of Planning.

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.

Eastern Oregon College--President A. M. Rempel; Mr. E. G. Meuli, Business Manager; Mr. John Miller, Administrative Assistant.

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

Others--Mr. Bernard L. Stadius, Management Analyst, and Mr. Howard Grimms, Architect, Department of Finance and Administration.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on June 21-22, 1965, and approved them as printed in the docket.

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

Acceptance of Preliminary Plans for Library Building, SOC

Southern Oregon College officials and Architects Hamlin, Martin & Oredson have completed the preliminary plans for the proposed Library Building at Southern Oregon College, including a perspective view of the exterior appearance. Except for some rearrangement of the circulation desk, reserve book room, reference area, general reading area and periodical room on the first floor, and minor modifications on the second and third floors, these plans are in substantial agreement with the basic studies which were reviewed and approved by the Board at its March 8, 1965, meeting.

The new Library Building would be located southwest of Churchill Hall and to the east of the Science Building. It would contain three floor levels initially, but would have structural capacity to accommodate two additional floors in the future. The main entrance would be located in the center of the north side, at the first floor level; but a separate access to the children's library and audio-visual department would be obtained on the south side of the building at the third-floor (grade) level. The gross area of the initial unit is estimated at 65,341 square feet, with a direct construction cost of approximately $1,240,000, or $18.98 per square foot. The expenditure limitation for the project, as approved by the 1965 Legislature, is $1,585,000. It is expected that the structure would be of reinforced concrete construction with aluminum window units. A parapet facing of terra cotta tile would be included around the entire building.
With the concurrence of the Chancellor, President Stevenson recommended that the preliminary plans for the new Library at Southern Oregon College be approved and that the appropriate Board officials be authorized to instruct the architects to prepare final plans and specifications for the project.

To fulfill the requirements of the federal government which provided an interest-free advance of $15,000 through the Housing and Home Finance Agency to cover the cost of the preparation of preliminary plans, the following resolution is recommended for adoption by roll call vote:

RESOLUTION APPROVING THE COMPLETED PRELIMINARY PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE LIBRARY BUILDING, 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 in behalf of Southern Oregon College accepted an offer from the United States Government for an advance for preliminary plan preparation of a public work described as the Library Building, Southern Oregon College, Ashland, Oregon; and

WHEREAS, Hamlin, Martin & Oredson, Architects, were engaged to prepare a preliminary planning report for the aforesaid public work, and said architects have completed the report and submitted it for approval; and

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Hamlin, Martin & Oredson as the basis for detailed planning and construction of the Library Building in connection with Housing and Home Finance Agency Project No. P-Ore-3218, be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the preliminary planning report.

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

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote.
President Stevenson indicated that he anticipated that by the time the Library is completed the enrollment at Southern Oregon College will have reached the capacity of the proposed initial construction and that it would be desirable to include in the original building the two upper floors which are planned for future expansion.

In the discussion it was suggested that perhaps consideration should be given to providing additional space in the initial construction of various projects in order to avoid (1) the increased expense of construction in two or more stages, (2) the rising costs of building which occur each year, and (3) the additional inconvenience caused by constructing additions to a building already in operation.

It was noted that based on the Board's estimates the Library Building had been intended to serve the enrollment at Southern Oregon College for five years after the project was approved by the Legislature; however, the escalation of growth anticipated by President Stevenson was at a more rapid rate than that predicted by the Board's Office. Building five years beyond the date of planning is a compromise to meet the legislative admonition not to stockpile. It was also suggested that flexibility in library space use may be obtained by varying the proportion of space devoted to stacks or to reader stations as the enrollment varies.

On September 14, 1964, the Board was advised that Architect Robert J. Keeney of Medford had been commissioned to design the proposed Addition to the Britt Student Center at Southern Oregon College which had been included in the Board's capital construction program for 1965-1967. As noted in the minutes of the December 7, 1964, meeting of the Board, the estimated cost of the project, $715,000, was expected to be financed from self-liquidating bond borrowings and other restricted funds.

Institutional officials and Architect Keeney have filed with the Board's Office the preliminary plans for the proposed remodeling and addition to the Britt Student Center. The addition, to be constructed at the west side of the present building and connected to the existing building by a foyer and gallery, would provide recreational facilities, such as an 8-lane bowling alley and game areas for ping-pong, billiards, etc., in the basement, a new snack bar with a new kitchen and fountain service on the first floor and a student lounge on the second floor which could be divided into small conference areas by using movable partitions. This lounge would be adequate to accommodate large gatherings for dances, banquets, etc. A total of 35,755 square feet would be provided in the three-level addition. A bid alternate would provide for an additional six small dining-conference rooms at the first floor serviced directly from the cafeteria serving line.

Remodeling within the existing structure would consist of incidental partition removal and refinishing to accommodate the bookstore which would occupy the first floor area now used as the main lounge.
Exterior walls of the proposed addition would be of concrete construction with brick veneer. Floors would be covered with vinyl asbestos tile except for ceramic tile in toilet rooms. Interior partitions would be of wood frame construction with lath and plaster. Heat would be provided from the campus central heating plant. The areas assigned to the main lounge, snack bar and recreational activities within the new addition, and the bookstore space in the existing building, would be air conditioned. The architect has made plan and elevation studies which reflect possible future work to coordinate the various sections of the building as a single structure.

Based upon the current price level, the direct construction costs are estimated to be approximately $608,000 including automatic pin-setting equipment and the bowling lanes. This averages approximately $16.67 per square foot for the new work, without giving consideration to the remodeling work.

With the concurrence of the Chancellor, President Stevenson recommended that the preliminary plans for the proposed Addition and Alterations to the Britt Student Center at Southern Oregon College be approved. Inasmuch as the project was not authorized by the 1965 Legislature for construction during the 1965-1967 biennium, final planning will be deferred.

The Board approved the recommendation as presented.

Pursuant to authorization granted by the Board on June 21, 1965, Architects Skidmore, Owings & Merrill were asked to prepare revised preliminary plans for the proposed Second Addition to the Science Building at the University of Oregon in order to include the two additional floors of the Laboratory Building which would be expected to be financed from federal grant funds. Copies of the preliminary plans, as revised, have been filed with the Board's Office. The total gross area of the project would be approximately 153,529 square feet and the total project cost would be approximately $4,600,000, of which $3,645,000 would be for direct construction. Because of the enlarged scope of the project, some modifications in space assignments have been made since the Board approved the preliminary plans for the proposed Second Addition to the Science Building in April 1964. Generally, however, the total areas assigned to instructional use, including the science library, are in substantial agreement with the earlier plans. The principal increases relate to additional areas for research, including offices, laboratories and related storage and service spaces. To stay within the budget limitations, it is anticipated that approximately 7,124 square feet of assignable space would be unfinished unless unusually favorable bids were received which would permit the completion thereof in the initial construction phases. This unfinished area results from the fact that the anticipated federal grants would finance approximately 27,000 square feet of research space whereas two floors of the Laboratory Building have a potential capacity of approximately 34,285 square feet of assignable area.
With the concurrence of the Chancellor, President Fleming recommended that the revised preliminary plans for the Second Addition to the Science Building at the University of Oregon be approved and that the Board's Office be authorized to instruct the architects to complete the final plans and specifications based upon a direct construction cost allowance of $3,645,000. It was understood that it will be necessary to seek the approval of the State Emergency Board in revising the expenditure limitation for the project from $3,095,000 to $4,600,000. (These figures exclude the amount of $230,000 to be financed from restricted funds for the first phase of the Central Cooling System, reported in a separate agenda item.) There would be no increase in the state fund requirements of $2,525,000 which had been reflected in the Board's capital construction program approved by the 1965 Legislature.

The Board approved the recommendations as presented.

Pursuant to authorization granted by the Board on March 8, 1965, at the time revised basic studies were reviewed and approved, Architects Stanton, Boles, Maguire & Church were asked to complete the preliminary plans for the proposed Classroom, Office, Teaching Center at the University of Oregon based upon a direct construction cost allowance of $1,230,000 within a total project cost of $1,575,000. It was anticipated that the project would provide a total of approximately 52,241 square feet, including a one-story lecture hall unit and a four-story vertical addition to the existing west wing of Prince Lucien Campbell Hall, as well as a three-story addition to Condon Hall. This program reflected a reduction from the Board’s initial request of $2,055,000 for this project, but was intended to correspond with the recommendations outlined in the Governor’s budget for capital outlay during 1965-1967.

The University of Oregon was advised recently that the U. S. Office of Education has awarded a grant of $523,529, under the provisions of Title II of the Higher Education Facilities Act, to assist the institution in expanding graduate facilities within the proposed Classroom, Office, Teaching Center. With such federal funds, as a supplement to the previously approved state budget of $1,575,000 for the project, it appears possible to increase the proposed four-story vertical expansion of Prince Lucien Campbell Hall to eight new floor levels, providing additional faculty offices and graduate student study spaces, conference rooms, research laboratories for the humanities and social sciences and other special purpose spaces. Minor modifications would be required in the arrangement of the lecture hall unit and in the proposed addition to Condon Hall, consistent with the emphasis on graduate programs implicit in the grant.

In order to expedite the preparation of plans and the receipt of bids for the project, President Fleming recommended that the appropriate Board officials be authorized to instruct the architects to prepare revised preliminary plans based upon a direct construction
cost allowance of approximately $1,750,000 for a gross area of about 79,847 square feet. If such plans appear satisfactory to the University staff and to the Board's Office, the architects then would be authorized to prepare final plans and specifications so that bids for construction might be solicited late in 1965 or early in 1966.

The Chancellor concurred in these recommendations, recognizing the probability that a substantial portion of the additional space to be financed from the federal grant would be used for study spaces for graduate students (doctoral candidates). In prior years, such facilities for graduate students have been limited generally to marginal areas, such as spaces within the former veteran's dormitory units. It was understood that there would be no increase in the state fund requirements of $1,575,000 which had been reflected in the Board's capital construction program approved by the 1965 Legislature and that it will be necessary to seek authorization from the State Emergency Board in increasing the expenditure limitation for the project to a revised total of $2,098,529. Before bids are solicited and contract awards are made, review will be made with the Board of the sources of funds to be used to finance construction.

The Chancellor called the Board's attention to the fact that in the State System the construction of graduate study spaces is a new concept; previously, marginal space has been used for this purpose. He stated that the expansion of graduate education suggested the need for this kind of space, which is commonly available in other universities with a strong emphasis on graduate education.

The Board approved the recommendations as presented.

In the discussion of this building and the Second Addition to the Science Building at the University of Oregon, it was pointed out that it would be necessary not only for the Emergency Board to approve an increased expenditure limitation for each of these projects, but also to approve an increase in the total expenditure limitation in order to avoid reducing the scope of other projects. Present plans are to alert the Emergency Board to the need for an increase in the total limitation and seek their reaction.

Oregon State University officials and Architects Hamlin & Martin have filed with the Board's Office the completed final plans and specifications for the two cooperative houses, to be identified as Avery and Dixon Houses, which are to be constructed near Azalea House on the east portion of the campus. These plans are in substantial agreement with the basic studies approved June 10, 1964, and the preliminary plans reported to the Board in March 1965. Within a total gross area of approximately 23,800 square feet, the project will provide housing, kitchen and dining facilities for about 120 students. The estimated total cost is $445,000, including direct construction costs of $371,000. Funds for the project are available from bond borrowings authorized by Article XI-F(1) of the Constitution.
Subject to the approval of the project by the State Emergency Board, as required by Chapter 599, Oregon Laws 1965, it is contemplated that construction bids will be received for the two cooperative houses at Oregon State University early in September 1965 and that contract awards will be made promptly.

The Board accepted the report as presented.

As noted in the minutes of the June 21, 1965, meeting of the Board, Architects Wolff/Zimmer/Associates were authorized to prepare the final plans and specifications for the proposed parking structure at the University of Oregon Medical and Dental Schools in order that bids might be solicited and contract awards made in July 1965, subject to appropriate authorization by the State Emergency Board. It was anticipated at that time that the total project cost would be approximately $590,000, of which about $517,000 would be required for direct construction.

On July 9, 1965, institutional officials advised the Board's Office that the architects and their engineering consultants had determined that the cost estimate needed to be increased rather substantially as a result of their further study and analysis of the structural system during the development of the working drawings. Giving effect to recommendations of the foundation engineers following a rather comprehensive analysis of soil conditions on the project site, and recognizing that the preliminary cost estimates of the structural system had not been prepared adequately or accurately, the architects expressed the opinion that the direct construction costs were likely to be approximately $640,300 and the total project cost needed to be adjusted to $730,000.

In view of a deadline of July 12 in filing requests with the Department of Finance and Administration for items to be included on the agenda of the next meeting of the State Emergency Board scheduled July 23, 1965, the Board's Office contacted two members of the Executive Committee (Mr. Holloway and Mr. Forrester; Dr. Purvine was not available) and obtained authorization to file a request to increase the expenditure limitation for this project from the $590,000 figure included in Chapter 599, Oregon Laws 1965, to the revised total of $730,000.

The architects are completing the final plans and specifications for the parking structure, which would accommodate 416 vehicles, and it is now anticipated that bids therefor will be received late in August so that construction can begin by September 1, 1965, if possible.

With the concurrence of the Chancellor, Dean Baird recommended that the action of the Executive Committee be confirmed, that the appropriate officials of the Board be authorized to solicit bids and award construction contracts within a total budget limitation of
$730,000 subject to approving action by the State Emergency Board. It was understood that the rates of charge for parking on the campus will be adjusted sufficiently to meet all operating costs and to amortize the bonded indebtedness relating to the construction of the facilities on the basis of the Board’s standards.

The Board approved the recommendations as presented.

Pursuant to authorization granted by the Board at the March and April 1965 meetings, the Board’s Office approved the final plans and specifications which were prepared by Architects Dukehart and Kinne for the proposed alterations to the third, fourth, and fifth floors of the Medical Science Building at the University of Oregon Medical School. Four bids were received for the project on July 14, ranging from $105,977 to $114,890. Inasmuch as the lowest bid was very close to the architect’s estimate and was within the funds available for the work, a contract award is being made and the following budget is being approved for the project, subject to appropriate authorization by the State Emergency Board:

**Project Costs:**

- Direct Construction - Gene H. Settergren, Portland $105,977
- Architects’ and Engineering Fees 8,478
- Physical Plant Costs, including Construction Supervision 1,000
- Contingencies (approximately 7.5 percent of Direct Construction Costs) 8,045
- **Total** $123,500

**Sources of Funds:**

- U. S. Public Health Service grant for research facilities for Dr. Samuel Irwin $27,500
- Hartford Foundation grant for research facilities for Dr. Bernard Pirofsky 10,000
- Restricted fund balances available to the institution from indirect cost allowances on instructional and research contracts and grants 86,000
- **Total** $123,500

The project includes the remodeling on the fifth floor of the Medical Science Building to provide laboratory and office space for Dr. Irwin and Dr. Pirofsky and also includes the final phase of alterations for the Department of Anatomy on the third floor.

The Board accepted the report as presented.
In January 1964, the Board authorized the employment of consulting engineers J. Donald Kroeker and Associates of Portland to prepare plans and specifications for air conditioning work within the Portland State College Center Building. Subsequently, the engineers were asked to incorporate within the plans and specifications equipment with sufficient capacity to meet also the requirements of the existing Library and South Park Hall (the recently-constructed classroom, laboratory and office building).

Upon the recommendation of institutional officials, the Board's Office acknowledged the acceptance of the final plans and specifications for this work and three bids were received therefor on June 30, 1965, ranging from $242,773 to $264,488. The following budget, reflecting a total project cost of $278,000, is recommended for approval:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Direct Construction Costs - Harder Plumbing &amp; Heating, Inc., Portland</td>
<td>$242,773</td>
</tr>
<tr>
<td>Engineering Fees</td>
<td>12,139</td>
</tr>
<tr>
<td>Cost of Drilling Well, Construction Supervision, Balancing, and Miscellaneous Costs</td>
<td>11,533</td>
</tr>
<tr>
<td>Portion of Cost of New Sewer Line (net of $26,800 allocated from rehabilitation funds of the Board)</td>
<td>6,700</td>
</tr>
<tr>
<td>Contingencies (2 percent of Direct Construction Costs)</td>
<td>4,855</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$278,000</strong></td>
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</table>

This budget would be financed from the following resources:

- From the construction budget of the Portland State College Center, Second Addition (financed principally from Series 1963B General Obligation Bonds) $156,500
- From unrestricted funds allocated by the Board in April 1965 for additional electrical capacity to serve chilling equipment 21,500
- From the construction budget of the proposed alterations to the existing Library (to be financed from the state appropriation within Chapter 599, Oregon Laws 1965, subject to approval by the State Emergency Board) 45,000
- From the construction budget of the proposed addition to South Park Hall (to be financed from the state appropriation in Chapter 599, Oregon Laws 1965, subject to approval by the State Emergency Board) 55,000

Total $278,000

With the concurrence of the Chancellor, President Millar recommended that this program be approved so that a contract award may be made to the low bidder, Harder Plumbing & Heating, Inc., for the air cooling equipment which would be adequate to serve the entire Portland State College Center Building, the existing Library and South Park Hall, as well as the proposed addition to South Park Hall for which funds were included in the capital construction program authorized by the 1965 Legislature.

The Board approved the recommendation as presented.
Upon the recommendation of Oregon State University officials, Architects Bear, McNeil, Schneider, Bloodworth & Hawes were commissioned by the Board's Office to prepare plans and specifications for a minor alteration to the Physics-Chemistry Building at Oregon State University to accommodate meteorology and biophysics. Five bids for the project, which included the construction of approximately 1,700 square feet of new space on the southeast corner of the roof to provide facilities for atmospheric science and the remodeling of a portion of the fifth floor of the building for biophysics, were received in Corvallis on July 15, 1965, ranging from $47,668 to $51,383.

Based upon the lowest bid, the following budget was developed for the project:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs--Tee and Jay Constructors, Corvallis</td>
<td>$47,668</td>
</tr>
<tr>
<td>Architects' and Engineering Fees</td>
<td>3,500</td>
</tr>
<tr>
<td>Physical Plant Costs, including Construction Supervision</td>
<td>1,532</td>
</tr>
<tr>
<td>Contingencies (approximately 5 percent of Direct Construction Costs)</td>
<td>2,300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$55,000</strong></td>
</tr>
</tbody>
</table>

Funds for the project are available to the institution from indirect cost allowances on instructional and research contracts and grants.

Subject to appropriate authorization by the State Emergency Board for the expenditure of funds for this project, President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to award a construction contract in the amount of $47,668 and approve a project budget of $55,000 to be financed from indirect cost allowances on instructional research contracts and grants.

The Board approved the recommendation as presented.

The president of Oregon Technical Institute reports that Oregon Water Corporation, a public utility corporation of the State of Oregon, has requested that an easement be granted to it for the construction and maintenance of a six-inch iron waterline through approximately 500 feet of the Oregon Technical Institute campus leading to the reservoir of the Oregon Water Corporation. This line is to be buried at least two feet below the surface of the ground.

The easement is revocable. It is expected that Oregon Technical Institute will eventually connect to the waterline of Oregon Water Corporation on a standby basis.

President Purvine, with the concurrence of the Chancellor, recommended that the appropriate officials of the Board be authorized to execute an easement to Oregon Water Corporation in accordance with the sketch submitted by Oregon Technical Institute.

The Board approved the recommendation as presented.
In response to questions as to benefits to the Board, it was indicated that the easement would provide an emergency overflow line which would prevent any possible damage to the Oregon Technical Institute campus from water washing over the campus due to an accidental overflow of the hospital reservoir or at times when the reservoir would need to be drained.

Paving Work, OTI

Upon the recommendation of President Purvine, the Board's Office has authorized Architects Skidmore, Owings & Merrill to prepare plans and specifications for the paving of access roads to the Classroom, Laboratory, Library-Commons, and Mechanical Engineering Buildings at Oregon Technical Institute, and for the paving also of the parking lots on the south portion of the campus and adjacent to the Physical Education Building. This work was included in the Board's capital construction program authorized by the 1965 Legislature. Subject to the approval of the State Emergency Board, it is expected that bids will be solicited and contract awards will be made therefor later in the summer of 1965, to be financed from the General Fund appropriation in Chapter 599, Oregon Laws 1965. The request to the Emergency Board is being made for authorization to expend such funds in an amount not to exceed $106,634.

The Board accepted the report as presented.

Purchase of Lindsay and Lusted Properties, SOC

President Stevenson reports that the owners of the Lindsay property at 1480 Webster Street and the Lusted property located at 1554 Webster Street, both in Ashland, have indicated a strong desire to sell their properties. The Lindsay property, on which an option has been obtained in line with Board appraisals at $20,500, consists of a lot containing approximately 23,650 square feet on which is located a five-room house and garage. The Lusted property, on which an option has been obtained at $14,950 in line with Board appraisals, consists of a lot containing approximately 7,075 square feet on which is located a five-room house and garage. Both properties are located within the approved campus boundaries in an area presently designated for use as dormitory sites.

An architectural restudy of the long-term campus plan now under way is expected to indicate that these properties and the surrounding area should be used for educational and general purposes rather than for auxiliary enterprises.

President Stevenson, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Lindsay and Lusted properties, at the indicated option prices, from funds available to acquire sites for auxiliary enterprises. In conformity with the policy adopted at the June 12, 1962, meeting of the Board, if an early use of the property for educational and general facilities is authorized by the Board, it will then be expected that the auxiliary enterprises capital outlay funds will be reimbursed from educational and general capital outlay funds.

The Board approved the recommendation as presented.
On June 21-22, 1965, the Board authorized the condemnation of the Frances Manor Apartments property at 614 S. W. Montgomery Street, Portland, consisting of a lot containing approximately 5,000 square feet on which is located an apartment building used under a lease arrangement by Portland State College for offices. Negotiations and consultation with the Executive Committee of the Board have resulted in a compromise settlement of $91,300 for the property acquisition. Funds for the purchase have been provided from proceeds of Article XI-G, Series 1964 bonds.

The Board accepted the report as presented.

Portland State College officials presented a report regarding the need for faculty office space during the next two years, pending completion of building projects in various stages of planning and construction.

Alternate plans for meeting this need were discussed, including: (1) Lease of space; (2) lease with an option to buy; and (3) purchase of a building.

In the discussion the Chancellor mentioned that a lease would present an operating budget problem, since no funds were provided for this purpose in the 1965-1967 biennial budget approved by the 1965 Legislature, and the leasing of sufficient space would require a large portion of the Board's emergency reserve early in the biennium 1965-1967.

If property were to be purchased, consideration would need to be given to the possible effect on the federal Urban Renewal Program for the projected Portland State College campus area. The purchase of property, however, could be financed from approved property purchase funds for property within the approved campus boundaries, and would not cause so severe a problem in the biennial operating budget. It was pointed out also that for any property purchased within the proposed Urban Renewal area, Portland State College would receive cash credits toward the cost of the state of property to be acquired after the Urban Renewal project is completed.

It was agreed that the matter should not be decided at this time, and the Executive Committee was asked to act on this matter if a specific recommendation is received from Portland State College before the next Board meeting scheduled for September 13-14, 1965.
Report of Bids and Contract Award for Central Heating Plant Improvements, OSU

Inasmuch as the lowest of the five bids received on July 20, 1965, for the proposed improvements to the Central Heating Plant at Oregon State University was within the funds available for the project, it is expected that a contract award will be made to the low bidder, Albina Engine & Machine Works, Inc., Portland, as soon as appropriate contractual arrangements are made for natural gas service to the campus. Authorization for the expenditure of funds for the project was given by the State Emergency Board on July 23, 1965. The bids ranged from $164,646 to $258,566. Upon the recommendation of institutional officials, the proposed budget will be as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Direct construction costs--Albina Engine &amp; Machine Works, Inc., Portland</td>
<td>$164,646</td>
</tr>
<tr>
<td>Engineering fees</td>
<td>9,056</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>6,359</td>
</tr>
<tr>
<td>Contingencies (3 percent of direct construction costs)</td>
<td>4,939</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$185,000</strong></td>
</tr>
</tbody>
</table>

Of the total cost, $115,000 will be financed from the state appropriation contained in Chapter 599, Oregon Laws 1965, and the remaining $70,000 will be provided from Article XI-F(1) bond borrowings in accordance with the program approved by the Board on April 26, 1965.

Plans and specifications for the project were prepared by Engineer W. Bruce Morrison. A new "package-type" boiler having a rated capacity of 50,000 pounds of steam per hour will replace an obsolete 41-year-old boiler (20,000 lb. capacity), and the entire plant will be converted from hopped fuel and oil operation to natural gas fuel operation with oil standby.

The Board accepted the report as presented.

Permanent Easement to City of Eugene, UO

A request has been received by the University of Oregon from the City of Eugene for an easement to construct a sewer line across the southeast corner of Franklin Boulevard and Kincaid Street extended. The corner property is unimproved.

President Flemming, with the concurrence of the Chancellor, recommended that appropriate Board officers be authorized to execute such an easement to the City of Eugene.

The Board approved the recommendation as presented, with the understanding that the easement would include a provision that the easement would terminate if the property were not used for the purpose for which the easement was granted.
In 1955, the Housing and Home Finance Agency of the federal government approved an advance for the preparation of preliminary plans for an addition to the present Administration Building (Johnson Hall) at the University of Oregon. Preliminary plans were prepared by Architect Hollis Johnston of Portland. The Board approved the preliminary plans at its meeting of September 20, 1955. Thereafter, a check in the amount of $6,571 was received from the federal government to cover the cost of plan preparation.

Subsequently, an addition to the Faculty Center has been completed which occupies a substantial portion of the proposed site for this addition to the Administration Building. Also, preliminary plans have been completed and approved by the Board for a new Administration Building at a different site. In view of these circumstances, an effort was made to repay the federal government for the advance of $6,571. These efforts have been unsuccessful since the terms of the act did not allow repayment until construction had been undertaken on the project or until substitute facilities incorporating some portion of the plans had been started. The Housing and Home Finance Agency has now informed the Board’s Office that through a recent enactment of Congress, they now have authority to terminate all or a portion of outstanding agreements whenever it is determined that there is no reasonable likelihood that the public work or a portion of the public work planned will be constructed. In this case, it has been suggested that the advance would be terminated with no obligation for any payment. Accordingly, the following resolution is recommended for adoption in order to comply with the federal government regulations:

RESOLUTION REQUESTING TERMINATION OF THE AGREEMENT WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PRELIMINARY PLANNING OF AN ADMINISTRATION WING ADDITION, UNIVERSITY OF OREGON UNDER THE HOUSING ACT OF 1964, PUBLIC LAW 88-560, 88th CONGRESS OF THE UNITED STATES

WHEREAS, the United States of America has heretofore made an advance pursuant to an agreement dated June 2, 1955, to the Oregon State Board of Higher Education on behalf of the University of Oregon in the amount of $6,571 for the purpose of preliminary plan preparation of the public work described in the agreement as Administration Wing Addition at the University of Oregon, and

WHEREAS, by the use of the federal advance the Oregon State Board of Higher Education on behalf of the University of Oregon caused to be prepared preliminary plans for the public work described in the aforesaid agreement, and

WHEREAS, no construction has been undertaken of the project or any portion thereof described in the aforesaid agreement dated as of the second day of June 1955, and
WHEREAS, there is no reasonable likelihood of the planned project or any portion thereof being undertaken because (1) the Faculty Center occupying the site has been improved and expanded, and it is contemplated that this building will be used for a substantial number of years, and because (2) preliminary plans have been prepared for a new Administration Building at a different site which incorporate none of the features of the preliminary plans prepared through this advance due to substantial changes in enrollments and in the organization of the administration of the University of Oregon which have caused significant changes in administrative facilities requirements,

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education as there is no reasonable likelihood of the project or any portion thereof as planned with the federal advance ever being placed under construction for the reasons set forth above, the Housing and Home Finance Administrator be requested to make a determination that the agreement dated June 2, 1955, be terminated and that the Oregon State Board of Higher Education be relieved of all liability thereunder.

This resolution is adopted pursuant to the authority provided by Chapter 351 of Oregon Revised Statutes.

With the concurrence of the Chancellor, President Flemming recommended that the above resolution be adopted by a roll call vote.

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

Those voting no: None.

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

Report of Acceptance of Preliminary Plans for Teaching Hospital Addition, UOMS

University of Oregon Medical School officials and Architects Edmundson, Kochendoerfer & Kennedy have filed with the Board's Office the completed preliminary plans for the proposed Addition to the Teaching Hospital Addition at the University of Oregon Medical School. These plans are in substantial agreement with the basic studies which were approved by the Board in January 1965 with the exception of the addition of one elevator shaft which results in a slight increase in building area. The basic studies contemplated three new elevators. Following a study and traffic count of the elevator operation by Charles W. Lerch and Associates, this has been modified to provide for the future installation of a fourth elevator which will be needed when the addition of five more floors to the new building wing are constructed in the future.
The Addition would provide 105,856 square feet, and it is proposed that an additional 33,519 square feet within the existing Teaching Hospital would be remodeled. The new wing would be perpendicular to and east of the existing building connecting near the north end of that building.

The structure would be of steel frame construction with reinforced concrete floor and exterior walls and brick veneer facing in order to match the exterior of the existing hospital as closely as possible. The Addition would be nine stories in height except for the stair and elevator towers which would be extended to the ultimate 14-floor level. Foundation and structural systems would be designed to carry the additional five floors.

The Addition would provide 128 new patient beds, increasing the hospital capacity to 396 beds.

The architects estimate that the direct construction costs of the project would be approximately $3,765,507 of which $397,718 relates to remodeling within the present building. The direct construction costs would then average $31.81 per square foot for the new space to be provided. As indicated in the Board's capital construction program for 1965-1967, the estimated total project cost is $4,985,000. Authorization to proceed with construction was not given by the 1965 Legislature so final planning of the project is being deferred.

In order to fulfill the requirements of the federal government regarding the interest-free advance of $65,000 provided through the Housing and Home Finance Agency to cover the cost of preparing preliminary plans, the following resolution is recommended for adoption by roll call vote.

RESOLUTION APPROVING THE COMPLETED PRELIMINARY PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE ADDITION TO THE TEACHING HOSPITAL, UNIVERSITY OF OREGON MEDICAL SCHOOL, UNDER THE TERMS OF PUBLIC LAW 560, 83RD CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education in behalf of the University of Oregon Medical School accepted an offer from the United States Government for an advance for preliminary plan preparation of a public work described as the Addition to the Teaching Hospital, University of Oregon Medical School, Portland, Oregon; and

WHEREAS, Edmundson, Kochendoerfer & Kennedy, Architects, were engaged to prepare a preliminary planning report for the aforesaid public work, and said architects have completed the report and submitted it for approval; and
WHEREAS, the completed preliminary planning report has been carefully studied and is considered to comprise adequate preliminary planning of the public work essential to the community and within the financial ability of the Oregon State Board of Higher Education on behalf of the University of Oregon Medical School to construct;

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Edmundson, Kochendoerfer & Kennedy as the basis for detailed planning and construction of the Addition to the Teaching Hospital, in connection with Housing and Home Finance Agency Project No. P-ORE-3215, be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the preliminary planning report.

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

Those voting no: None.

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

Report of Bids

Pursuant to authorization granted by the Board on April 27, 1965, the final plans and specifications for Dormitory No. 6 at Oregon College of Education were approved and bids for the project were opened in Monmouth on July 1, 1965, summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>$367,956</td>
<td>$390,500</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>93,955</td>
<td>117,728</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>24,838</td>
<td>28,930</td>
</tr>
<tr>
<td>Built-In Furniture</td>
<td>4</td>
<td>38,982</td>
<td>55,318</td>
</tr>
<tr>
<td>Work</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Direct Construction Costs:
- General Work - Lorentz Bruun Company, Portland $367,956
- Mechanical Work - Blecha Plumbing & Heating, Salem 93,955
- Electrical Work - Brownell Electric, Inc., Salem 24,838
- Built-In Furniture Work - Tech-Craft, Inc., Tacoma 38,982

Total Direct Construction Costs $525,731
The dormitory project was designed by Architects Payne and Settecase of Salem. Three of the four individual units will provide housing accommodations for single men and women students, and the other unit will include the main lounge, housemother's apartment, and a few student rooms as well as storage and mechanical areas. The average investment for each of the 146 student residents will be approximately $4,144. Based upon a gross area of 27,161 square feet, including one-half of the area of exterior walks and stairs, the direct construction costs of $525,731 average $19.36 per square foot.

The Board accepted the report as presented.

On June 29, 1965, bids were received in Eugene for the first phase of the central cooling facilities which the Board authorized December 7, 1964, and for which legislative approval was obtained earlier this year. The seven bids ranged from $357,014 to $467,156. Inasmuch as the low bid was within the direct construction cost allowance indicated to Engineers J. Donald Kroeker and Associates, a contract award was made following Emergency Board action on June 30, 1965. The following budget was approved for the project:

**Project Costs:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs - Longview Plumbing and Heating Company, Longview</td>
<td>$357,014</td>
</tr>
<tr>
<td>Engineering Fees</td>
<td>$17,851</td>
</tr>
<tr>
<td>Construction Supervision and Miscellaneous Costs</td>
<td>$7,284</td>
</tr>
<tr>
<td>Contingencies (5 percent of direct construction costs)</td>
<td>$17,851</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$400,000</strong></td>
</tr>
</tbody>
</table>
Sources of Funds:

For Educational and General Plant -
From budget of Library Building, First Addition (financed from Series 1964 bonds) $80,000
From budget of proposed Science Building, Second Addition (financed from State Appropriation in Chapter 599, Oregon Laws 1965) 90,000
Subtotal - Educational & General Plant 170,000

For Auxiliary Enterprises -
From budget of Erb Memorial Union Building, Second Addition (financed from restricted fund balances, including Series 1961A bonds) 70,000
From budget of Student Health Service Building (financed from restricted fund balances, including Series 1963B bonds) 35,000
From budget of Central Heating Plant Addition, including boiler and primary electrical feeder service (financed from restricted fund balances, including Series 1963B bonds) 74,195
From Series 1963A bonds (self-liquidating) 50,805
Subtotal - Auxiliary Enterprises 230,000
Total 400,000

The work includes the installation of an absorption water chiller using steam from which electric power has been generated first. This chiller will be located in the central heating and power plant. Distribution of the chilled water supply and return will be accomplished through piping to be installed in the existing utility tunnels. Initially service will be provided to the Library, Erb Memorial Union Building, new Student Health Service Building and the proposed Second Addition to the Science Building.

The Board accepted the report as presented.

Report of Bids and Contract Award for Cooling of Humanities & Social Science Building, OCE

In accordance with authorization granted by the Board in December 1964, Architects Annand, Boone, Drynan & Huffstutter prepared plans and specifications for cooling the classroom wing of the Humanities and Social Science Building, recently completed at Oregon College of Education. Three bids for this work were received in Monmouth on June 17, 1965, ranging from $35,770 to $39,537. Inasmuch as the low bid was within the direct construction cost allowance, a contract award was made to the low bidder, J. C. Lemons, Inc., Lebanon. It is expected that the total project cost, including professional service fees, contingencies and construction supervision, will not exceed the $40,000 amount which the Board allocated for this purpose from Series 1964 bond borrowings.

The Board accepted the report as presented.
In accordance with authorization granted by the Board on March 8, 1965, bids were opened in Ashland on June 24, 1965, for the proposed Central Heating Plant Boiler Addition and Steam Line Renovation at Southern Oregon College. The four bids received ranged from a low of $61,817 to a high of $70,182. Inasmuch as the low bid was within the authorized direct construction cost allowance, a contract award was made following approval of the State Emergency Board on June 30, 1965, and the following budget was approved for the project:

**Project Costs:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs - C. J. Hansen Co., Salem</td>
<td>$61,817</td>
</tr>
<tr>
<td>Engineering Fees</td>
<td>3,245</td>
</tr>
<tr>
<td>Construction Supervision and Miscellaneous Costs</td>
<td>6,847</td>
</tr>
<tr>
<td>Contingencies (5 percent of direct construction costs)</td>
<td>3,091</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$75,000</strong></td>
</tr>
</tbody>
</table>

**Sources of Funds:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Appropriation, Chapter 599, Oregon Laws 1965</td>
<td>$31,000</td>
</tr>
<tr>
<td>Restricted Fund Balances, including self-liquidating bond-borrowings (Series 1963 A)</td>
<td>44,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$75,000</strong></td>
</tr>
</tbody>
</table>

The maximum expenditure limitation authorized for this project by the 1965 Legislature was $85,000. Plans and specifications were prepared by Engineers J. Donald Kroeker and Associates of Portland. The project includes (1) the installation of a third low-pressure steam boiler with a rated capacity of 10,000 pounds per hour, complete with ancillary equipment; (2) the conversion of the existing boilers in the central heating plant and in the Physical Education Building to burn natural gas fuel with standby operation for oil fuel; (3) replacement of the present six-inch steam piping serving the Cascade Hall Dormitory Complex with eight-inch piping from Susanne Homes Hall, a distance of approximately 770 feet; and (4) the extension of the reinforced concrete walk-in tunnel for approximately 40 feet from the main utility tunnel to the existing Library Building, complete with piping.

The Board accepted the report as presented.

Upon the recommendation of Southern Oregon College officials, the Board's Office has acknowledged the acceptance of the final plans and specifications for Units H and I of the Cascade Hall dormitory complex which have been completed by Architect Robert J. Keeney. The working drawings are in substantial agreement with the preliminary plans for the project approved by the Board on December 7, 1964. Housing and dining accommodations will be provided for 218 students, thus increasing the capacity of Cascade Hall to 829 students.
Meeting #338-22

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Of the total project cost estimate of $950,000, it is expected that the direct construction costs will be approximately $741,632 including built-in dormitory furniture. Bids are scheduled to be received in Ashland on July 29, 1965, and, subject to appropriate authorization of the State Emergency Board required under the provisions of Chapter 599, Oregon Laws 1965, contract awards will be made if satisfactory bids are received.

The Board accepted the report as presented.

On July 1, 1965, the Vice Chancellor for Business Affairs inspected the work of the general, mechanical and electrical contractors for the Second Addition to the College Center at Portland State College and upon the recommendation of institutional officials, acknowledged acceptance as of May 28, 1965. A semi-final budget for the project, which may require some modification upon the determination of costs for food service equipment, other furnishings and equipment, and other miscellaneous items, is indicated below in comparison with the original budget approved by the Board at the January 27-28, 1964, meeting:

<table>
<thead>
<tr>
<th>Project Costs:</th>
<th>Revised</th>
<th>Original</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - H. Halvorson, Inc.,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spokane</td>
<td>$688,833</td>
<td>685,000</td>
<td>$3,833(1)</td>
</tr>
<tr>
<td>Mechanical Work - Harder Plumbing &amp;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating, Inc., Portland</td>
<td>119,480</td>
<td>112,390</td>
<td>7,090(2)</td>
</tr>
<tr>
<td>Electrical Work - W. H. Grasle Co.,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portland</td>
<td>87,439</td>
<td>86,310</td>
<td>1,129(3)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$895,752</td>
<td>883,700</td>
<td>$12,052</td>
</tr>
<tr>
<td>Food Service Equipment:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hoods - Atlas Sheet Metal Co.,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portland</td>
<td>2,400</td>
<td>2,400</td>
<td></td>
</tr>
<tr>
<td>Other Items - Dohrmann Hotel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply Co., Portland</td>
<td>54,039</td>
<td>43,769</td>
<td>10,270(4)</td>
</tr>
<tr>
<td>Total Direct Construction</td>
<td>$952,191</td>
<td>929,869</td>
<td>$22,322</td>
</tr>
<tr>
<td>Architects' and Engineering Fees</td>
<td>55,227</td>
<td>53,932</td>
<td>1,295</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>63,304</td>
<td>61,127</td>
<td>2,177</td>
</tr>
<tr>
<td>Construction supervision, soils</td>
<td>7,778</td>
<td>17,750</td>
<td>(9,972)</td>
</tr>
<tr>
<td>analysis &amp; other miscellaneous</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>costs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air cooling equipment (and incinerator replacement)</td>
<td>156,500</td>
<td>125,829</td>
<td>30,671(5)</td>
</tr>
<tr>
<td>Contingencies</td>
<td></td>
<td>45,493</td>
<td>(46,493)</td>
</tr>
<tr>
<td>Total</td>
<td>$1,235,000</td>
<td>$1,235,000</td>
<td>$ --</td>
</tr>
</tbody>
</table>

Sources of Funds:

| Series 1963 B General Obligation Bonds (par value $1,250,000) | $1,226,638 | $1,226,638 | $ -- |
| Restricted Fund Balances           | 8,362     | 8,362     | --        |
| Total                              | $1,235,000 | $1,235,000 | $ -- |
(1) Includes changes in finish hardware, changes in floor elevations, substitution of pneumatic partitions in lieu of accordian partitions in third floor meeting rooms, and other miscellaneous modifications incorporated within 17 approved change orders.

(2) Includes increase in size of cooling coils, chilled water supply and return lines, additional floor drains and other miscellaneous changes incorporated within 13 approved change orders.

(3) Includes changes in the types of receptacles, provision of additional outlets, relocation of fire alarm bell, and other miscellaneous minor changes within 9 approved change orders.

(4) Includes modification to scramble bar, provision of equipment for second floor dining room, and other miscellaneous revisions to equipment items within 8 approved change orders.

(5) Reflects requirements for prorated share of air cooling equipment costs as noted in another agenda item relating to bids received on June 30, 1965. Because of budget limitations, the proposed replacement of the incinerator will be deferred.

The Second Addition to the College Center, located at the corner of S. W. Harrison Street and S. W. Broadway adjoining the existing library, was designed by Architects Mockford and Rudd of Portland and accommodates the bookstore, additional food service facilities, meeting rooms, offices and other work areas for student activities, etc. For the gross area of 46,206 square feet in the six-story structure, the direct construction costs of $952,191 average $20.61 per square foot.

The Board accepted the report as presented.

Oregon State University reports that the Northwest Natural Gas Company desires an easement to permit construction and maintenance of a gas pipeline on property owned by the Board immediately adjoining the new Corvallis-Lebanon Highway right-of-way and extending for a distance of approximately 570 feet. The need for this easement is a result of the expansion of the new highway constructed by the State Highway Commission. Oregon State University has indicated that the easement will in no way interfere with the contemplated use of the property.

President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to execute the indicated easement to Northwest Natural Gas Company for gasoline purposes.
Several Board members expressed the opinion that each easement proposal should be considered carefully by the Board's Office to recognize that: (1) ordinarily the payment received for an easement should be no less than that which would be received by another grantor; and (2) the payment for the easement should compensate for the administrative costs relating to the granting of an easement, the "fair market value" thereof, if determinable, or impairment of the use of the property by the state.

The Board approved the recommendation as presented. President Holloway abstained from voting.

The bequest of Carrie C. Beekman provided for the establishment of the Beekman Professorship of Northwest and Pacific History. Assets to establish the fund included 19 acres of cutover timberland near Eagle Point, which land is surrounded on four sides by property owned by the Oregon Land and Investment Company. The company desires to purchase the property for $950, which is in line with appraisals of the state.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to sell the property on a noncompetitive bid basis as authorized by ORS 273,060 because the appraised value of the property does not exceed $1,000.

The Board voted to retain the property since the company had no immediate need to acquire the property and there was a strong likelihood that its value would increase.

President Jensen reports that P. R. Elliker, A. W. Anderson, D. A. Corlett, Jr., and K. L. Krabbenhoft, staff members at Oregon State University, have invented a process for radiation of meat and other products using sodium nitrate plus sodium chloride. The process permits a reduction in the level of radiation thus avoiding the change in flavor and aroma which resulted from the previously used higher levels of radiation. It is contemplated that a patent, if obtained, will be assigned to the Battelle Development Corporation pursuant to the provisions of the Administrative Code. Oregon State University has negotiated with the co-inventors for an "Assignment of Invention and Patent Rights" agreement which provides that 15 percent of net royalty income received by the corporation will be paid to the inventors from the portion of such income paid to the Board.

President Jensen, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to enter into an "Assignment of Invention and Patent Rights" agreement with the inventors and also to enter into necessary arrangements with the Battelle Development Corporation for evaluating and patenting the invention and for marketing thereof.

The Board approved the recommendation as presented,
President Jensen reports that E. A. Day, P. R. Elliker, W. E. Sandine, and M. Y. Pack, staff members at Oregon State University, have invented a process involving the treatment of milk during the cheese making process by the use of hydrogen peroxide and catalase. The process aids the production of a more persistent aroma content in the cheese. It is contemplated that a patent, if obtained, will be assigned to the Research Corporation pursuant to the provisions of the Administrative Code. Oregon State University has negotiated with the co-inventors for an "Assignment of Invention and Patent Rights" agreement which provides that 15 percent of royalty income received by the corporation will be paid to the inventors from the portion of such income paid to the Board.

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

The Board approved the recommendation as presented.

President Jensen recommended that unbudgeted Agricultural Experiment Station sales balances in the amount of $16,000 be provided to the Dairy Products Laboratory in the Farm Maintenance Division of the School of Agriculture to replace obsolete equipment. It is proposed that the sales funds be repaid from operation of the Dairy Products Laboratory during coming fiscal years.

The Board approved the recommendation as presented.

Dean Baird reported during the latter part of June 1965 an increase in restricted federal funds available to the Crippled Children's Division, University of Oregon Medical School, in the amount of $10,004 for year 1964-65, above the amount estimated in the original budget. The amount of $10,004 was added to the 1964-65 restricted expenditure budget of the Crippled Children's Division.

The Board accepted the report as presented.

In accordance with Board regulations, the following members and the Chancellor represented the Board at the 1965 Commencement exercises of the several institutions and acted for the Board in approving candidates for degrees and diplomas:

Oregon State University
University of Oregon
University of Oregon Dental School
University of Oregon Medical School
University of Oregon Nursing School
Portland State College
Oregon College of Education
Southern Oregon College
Eastern Oregon College
Oregon Technical Institute

R. E. Purvine
Chas. R. Holloway, Jr.
Philip A. Joss
Philip A. Joss
John Merrifield
John Merrifield
R. E. Lieuallen
Elizabeth H. Johnson
Chas. R. Holloway, Jr.
George H. Layman

The action of these Board members was confirmed and made a matter of record. Signed copies of the approved degree lists are on file in the Board's Office.
**Meeting #338-26**  
**PERSONNEL**  
July 26-27, 1965

**Personnel Adjustments**  
It was recommended that the following personnel adjustments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1964-65 and 1965-66 budgets. The Board approved the recommendation as presented.

**Oregon State University**

W. L. Andersen, Increase in Salary  
Increase in annual salary for Mr. Wilbert L. Andersen from $9,840 to $11,016, effective June 1, 1965. Mr. Andersen has been named chairman of the Curry County Extension staff and the increase is to compensate him for increased supervisory responsibility.

L. M. Oester, Transfer and Increase in Salary  
Transfer of Mr. Louis M. Oester from Chairman of the Curry County Extension staff to Rural Defense Specialist for Oregon, effective June 1, 1965, with a corresponding increase in annual salary from $11,040 to $11,520.

The funds required for these two increases for the month of June are available in the budget.

C. E. Horner, Increase in Salary  
Increase in annual salary of Dr. C. E. Horner, Professor of Botany and Plant Pathology, from $12,915 to $13,351 of which the portion paid by Oregon State is increased from $5,695 to $6,669, to meet the commitment to the U. S. Department of Agriculture for joint staff members. The required funds are provided in the budget.

**University of Oregon Dental School**

P. A. Miller, Increase in Salary  
Increase in annual salary for Miss Patricia A. Miller, Research Assistant, from $5,000, to $5,400, effective June 1, 1965.

S. J. Williams, Increase in Salary  
Increase in annual salary for Miss Susan J. Williams, Research Assistant, from $4,200 to $4,600, effective June 1, 1965. Funds required for the above increases are available in the U. S. Public Health Service grant under which they are employed.

**University of Oregon Medical School**

K. E. Fox, Increase in Salary  
Increase in annual salary for Dr. Kaye E. Fox, Instructor in Pharmacology, from $8,000 to $9,000, effective June 1, 1965. Funds required in the Pharmacology budget are available in that budget and the remainder of the increase is provided in the U. S. Public Health Service grant from which 75 percent of Dr. Fox's salary is paid.

Salary Increases  
Increases from contract grants, effective July 1, 1965, for the following staff members:

- **K. Inoue, Increase in Salary**  
  Dr. Kenjiro Inoue, Research Fellow in Endocrinology, from $7,500 to $8,700.

- **L. Lino, Increase in Salary**  
  Dr. Louis Lino, Assistant Professor of Neurology, from $10,000 to $11,000.

- **W. A. Neill, Increase in Salary**  
  Dr. William A. Neill, Assistant Professor of Medicine, from $12,055 to $13,500.
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 approved the recommendation as presented.

University of Oregon

Scholarships & Fellowships

Gifts totaling $4,975.50 from the following donors for scholarships and fellowships:

- African-American Institute, New York City $ 2,778.00
- James B. Burleson, Dallas, Texas 100.00
- Byron Hoyt's Sheet Music Service, Inc., Portland 250.00
- Elmira High School P. T. C., Elmira 400.00
- William Randolph Hearst Foundation, San Francisco, California 350.00
- IBM Thomas J. Watson Memorial Scholarship Program, Armonk, New York 100.00
- Lane County Bank, Florence 250.00
- The National Foundation March of Dimes, Multnomah County Chapter, Portland 100.00
- National Merit Scholarship Corporation, Evanston, Illinois 300.00
- Santiam Parent-Teacher Association, Lebanon 125.00
- United States Plywood Company, Roseburg 122.50
- Rotary Club, Woodburn 100.00

State Assoc. UO Women

Gift of $300 from the State Association of University of Oregon Women, Eugene, to be applied to the Mary B. Spiller Short Term Loan Fund.

Atomic Energy Commission

Grant of $160,000 from the Atomic Energy Commission, Richland, Washington, to extend the support of Nuclear Physics Research and Pre-Accelerator Research Activities, June 1, 1965, through May 31, 1966, under the direction of Dr. Bernd Crasemann, Professor of Physics, and Dr. D. K. McDaniel, Dr. H. W. Lefevre, and Dr. D. O. Wells, Assistant Professors of Physics.

Institute of International Education

Grant of $1,540 from the Institute of International Education, New York City, to provide for a special development summer program for foreign students assigned to the University Summer Session 1965, June 21 through September 3, 1965, under the direction of Mr. John Gange, Director, Institute of International Studies.

National Park Service

Grant of $200 from the National Park Service, San Francisco, California, for the preparation of a report entitled, "Archaeological Investigations in the Scoggin Reservoir Area, Tualatin Project, Oregon," June 1 through October 31, 1965, under the direction of Mr. David Cole, Curator of Anthropology.
Meeting #338-28

Grants totaling $40,540 from the National Science Foundation, Washington, D.C., for research and other purposes, as follows:

1. $12,740 - "Undergraduate Research Participation Program," June 1, 1965, through July 31, 1966, under the direction of Dr. George S. Rothbart, Assistant Professor of Sociology.

2. $14,900 - "Navajo Kinship," May 15, 1965, through June 30, 1966, under the direction of Dr. David F. Aberle, Professor of Anthropology.

3. $2,500 - "Several Sample Problems," July 1 through August 31, 1965, under the direction of Dr. Fred Andrews, Director, Statistical Laboratory and Computing Center.

4. $10,400 - "For purchase of Specialized Research Equipment for research in Systematic Biology," May 12, 1965, through May 12, 1966, under the direction of Dr. Jane Gray, Curator of Paleobotany, Museum of Natural History.

Grant of $2,400 from the Pacific Power & Light Company, Medford, for archaeological salvage work to be performed at the Keno hydroelectric project on the Klamath River, June 14 through July 1, 1965, under the direction of Mr. David Cole, Curator of Anthropology.


Grant of $10,923 from the U. S. Army Research Office, Durham, North Carolina, for support of research entitled, "Exchange Reactions Between Carboxyl Radicals and Carboxylate Anions," June 1, 1965, through May 31, 1966, under the direction of Dr. Thomas Koenig, Assistant Professor of Chemistry.

Grants totaling $161,100 from the U. S. Department of Health, Education and Welfare, Office of Education, Washington, D.C., for programs as follows:

1. $9,000 - "For support of a program for approximately 20 elementary educators under the International Teacher Development," September 20 through December 17, 1965, under the direction of Dr. Harry Carlson, Assistant Professor of Education.

2. $33,558 - "Provides for expansion of the program of the Center, especially in regard to development and dissemination activities and activities relating to higher education," April 1, 1964, through March 31, 1969, under the direction of Dr. Roland J. Pellegrin, Director, Institute for Community Studies.
Meeting #338-29

July 26-27, 1965

3. $59,612 - "For support of an English Institute during summer of 1965," February 15 through October 31, 1965, under the direction of Dr. Albert R. Kitzhaber, Professor of English.

4. $19,680 - "To cover costs of participants in Institute for School Librarians during summer of 1965," February 15 through October 31, 1965, under the direction of Mrs. Margaret Lane, Assistant Professor of Librarianship.

5. $10,000 - For support of research entitled "A Sequential Curriculum in Language, Reading and Composition (oral and written), Grades 7 Through 12," May 1 through June 30, 1965, under the direction of Dr. Albert R. Kitzhaber.

6. $29,250 - "To cover costs of participants in English Institute during the summer of 1965," February 15 through October 31, 1965, under the direction of Dr. Albert R. Kitzhaber.

U. S. Public Health Service Grants totaling $296,396 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $38,294 - "Reactions of Terminal Nucleotides of Ribonucleic Acid," June 1, 1965, through May 31, 1966, under the direction of Dr. Edward Herbert, Associate Professor of Chemistry.

2. $8,600 - "Mutants of Photosynthetic Bacteria," June 1, 1965, through May 31, 1966, under the direction of Dr. William R. Sistrom, Associate Professor of Biology.

3. $67,500 - "For construction and equipping of a Human Research Laboratory," April 27, 1965, through June 30, 1966, under the direction of Dr. Richard A. Littman, Head of the Psychology Department, and Mr. I. I. Wright, Director of the Physical Plant.

4. $82,002 - "For support of a Training Program in Animal and Plant Cytogenetics," July 1, 1965, through June 30, 1966, under the direction of Dr. Edward Novitski, Head of the Department of Biology.

5. $100,000 - "For support of a Training Program in Molecular Biology," July 1, 1965, through June 30, 1966, under the direction of Dr. Aaron Novick, Director, Institute of Molecular Biology.

Vocational Rehabilitation Administration Grants totaling $26,166 from the Vocational Rehabilitation Administration, Department of Health, Education and Welfare, Washington, D. C., as follows:

1. $350 - Increase in stipend allotment for teaching grant in the field of rehabilitation counseling, September 1, 1964, through August 31, 1965, under the direction of Dr. Martin H. Acker, Associate Professor of Education.
2. $25,816 - For support of research entitled, "Recall Population Distributions as Related to Social-Emotional Problems of Adolescents," June 1, 1965, through June 30, 1966, under the direction of Dr. John E. de Jung, Associate Professor of Education

States of Washington and Alaska, Departments of Education, Grants totaling $2,700 from the states of Washington and Alaska, mentally retarded, authorized under PL 85-926 as amended by Section 301 of PL 88-164, June 21 through August 3, 1965, under the direction of Dr. Raymond N. Lowe, Professor of Education.

William Randolph Hearst Foundation Gift of $300 from the William Randolph Hearst Foundation, San Francisco, California, for two individual awards in the March Interpretative Writing Competition.

Gifts to the Library: Gifts to the University of Oregon Library from the following donors:

Mrs. N. A. Carle A collection of recent American novels and history books, valued at $275.75, from Mrs. Nathaniel A. Carle, Seattle, Washington.

Miss Isabella Gauld A collection of books especially strong in American history, valued at $233.25, from Miss Isabella Gauld, Portland.

Mrs. Paul J. Raver Gift of the library of the late Dr. Paul J. Raver, valued at $525, from Mrs. Paul J. Raver, Seattle, Washington. Dr. Raver was a professor of economics at Northwestern University, and served with the Illinois Public Utility Commission, the Bonneville Power Administration, and the Seattle City Light Company.

Mrs. Willard Brown Thorp Gift of letters and sermons of the Reverend Willard Brown Thorp, Congregational minister, and including letters of Charles N. Thorp, also a clergyman, valued at $240, from Mrs. Willard Brown Thorp, Palo Alto, California.

Dr. Miriam Van Waters A collection of family letters centered around an Oregon Episcopal minister, George Van Waters, valued at $500, from Dr. Miriam Van Waters, Framingham, Massachusetts.

University of Oregon Dental School

American Dental Association Grant of $100 from the American Dental Association, Chicago, Illinois, to defray supply, fee and equipment expenses as a result of the 1965 Junior Dental Scientists Awards Program, June 21 through August 21, 1965, under the direction of Dr. Richard B. Parker and Dr. Marshall L. Snyder.

American Fund for Dental Education Gift of $1,000 from the American Fund for Dental Education, Chicago, Illinois, to be used at the discretion of Dr. Harold J. Noyes, who requested that it be deposited to the fund for Dental Education Program account.
Grant of $600 from Friendly-Rosenthal Foundation, Inc., Portland, for a summer fellowship to conduct a study of methods of child growth research, June 21 through September 14, 1965, under the direction of Dr. William Tracy, Assistant Professor of Dentistry.

Grants totaling $114,871 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $19,326 - "To continue the graduate training program in Dental Materials to include trainee stipends," July 1, 1965, through June 30, 1966, under the direction of Dr. David B. Mahler, Head, Dental Materials Department.

2. $47,414 - "Research on Programmed Dental Instruction," June 1, 1965, through May 31, 1966, under the direction of Dr. R. L. Lang, Head, Crown and Bridge Department.

3. $590 - Additional award for indirect costs only, Child Study Clinic, July 1, 1964, through December 31, 1965, under the direction of Dr. Bhim S. Savara, Director, Child Study Clinic.

4. $47,541 - "To continue graduate training program in Pathology, including trainee stipends," July 1, 1965, through June 30, 1966, under the direction of Dr. Norman H. Rickles, Head, Oral Pathology Department.

University of Oregon Medical School

Gifts totaling $3,750 from the following donors for scholarships and fellowships:

- Benton County Medical Auxiliary, Corvallis
- Crown Zellerbach Foundation, San Francisco, California
- The Council for Tobacco Research - U. S. A., New York City
- Lederle Laboratories, Pearl River, New York
- National Council to Combat Blindness, Inc., New York City
- University of Oregon Student Nurse Association, West Linn

American Cancer Society

Grant of $43,048 from the American Cancer Society, New York City, in support of research entitled, "Free Radicals and Oxygen Metabolism," July 1, 1965, through June 30, 1966, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

American Cancer Society, Oregon Division, Inc.

Grant of $15,000 from the American Cancer Society, Oregon Division, Inc., Portland, in support of research entitled, "Study of the Relationship of Mucopolysaccharides to Aldosterone Production in Vivo and in Vitro," July 1, 1965, through June 30, 1966, under the direction of Dr. Richard E. Bailey, Assistant Professor, Division of Diabetes and Metabolism.
American Heart Association

Grant of $12,815 from the American Heart Association, New York City, in support of a research project entitled, "Occurrence, Formation and Metabolism of the Fibrous Proteins of Blood Vessels, Particularly the Aorta," July 1, 1965, through June 30, 1966, under the direction of Dr. J. Peter Bentley, Instructor in Experimental Biology.

Dr. Melvin W. Breese

Gift of $100 from Dr. Melvin W. Breese, Portland, for research in the Department of Physiology, under the direction of Dr. John M. Brookhart, Chairman of the Department.

Mr. Max Gehlhar

Gift of $100 from Mr. Max Gehlhar, Salem, for urology research, under the direction of Dr. Clarence V. Hodges, Head of the Urology Division.

Mead Johnson Company

Grant of $500 from Mead Johnson Company, Evansville, Indiana, for pediatric resident education, under the direction of Dr. Richard W. Olmsted, Chairman of the Department of Pediatrics.

Mu Alpha Chapter of Phi Beta Psi Sorority

Gift of $100 from Mu Alpha Chapter of Phi Beta Psi Sorority, Portland, for cancer research in memory of Merle Snodgrass, under the direction of Dr. William S. Fletcher, Associate Professor of Surgery.

National Fund for Medical Education

Grant of $24,690 from the National Fund for Medical Education, New York City, in support of the instructional budget, under the direction of Dean Baird.

U. S. Office of Naval Research

Grant of $8,399 from the Office of Naval Research, Washington, D.C., in support of a program in Military and Disaster Medicine, January 1 through June 30, 1965, under the direction of Dr. Stanley Jacob, Assistant Professor of Surgery.

Oregon State Elks Association

Grant of $3,080.67 from the Oregon State Elks Association, Coos Bay, in support of the Children's Eye Clinic, January 1 through July 1, 1965, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

Vierani Family Fund for Charitable Purposes

Gift of $1,059.75 from the Vierani Family Fund for Charitable Purposes, Portland, to be used for purchase of supplies and medical accessories for medically indigent patients.

Vocational Rehabilitation Administration

Grant of $813 from the Vocational Rehabilitation Administration, Department of Health, Education & Welfare, Washington, D.C., in support of a teaching grant in Rehabilitation Medicine, September 1, 1964, through August 31, 1965, under the direction of Dr. William Snell, Associate Professor and Head of the Orthopedic Surgery Division.

U. S. Public Health Service

Grants totaling $2,324,620 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, effective July 1, 1965, through June 30, 1966, unless otherwise indicated, as follows:

1. $50,000 - "In further support of a Graduate Training Program in General Medical Sciences," June 1, 1965, through May 31,
1966, under the direction of Dr. John M. Brookhart, Professor and Chairman of the Physiology Department.

2. $40,340 - "Studies of Verbal Interaction Behavior of Nurses," June 1, 1965, through May 31, 1967, under the direction of Dr. Arthur N. Wiens, Assistant Professor of Medical Psychology.


4. $138,350 - "In further support of graduate training program in Oncology, experimental and clinical training," under the direction of Dr. Howard J. Tatum, Professor of Obstetrics and Gynecology.

5. $18,075 - "To promote professional education, screen public beneficiaries for cancer and maintain a tumor registry," under the direction of Dr. Sefton Wellings, Professor and Chairman, Pathology Department.

6. $38,880 - "Residency Training in Department of Psychiatry," under the direction of Dr. George Saslow, Professor and Chairman of the Psychiatry Department.

7. $21,660 - "Verbal Behavior Determinants," June 1, 1965, through May 31, 1966, under the direction of Dr. Frederick H. Kanfer, Professor of Medical Psychology.


9. $19,492 - "In further support of a Research Career Development Award--Central Nervous System Function and Behavior," under the direction of Dr. Duane Denney, Assistant Professor of Psychiatry.

10. $20,664 - "In further support of a Research Career Development Award--Learning and the Central Nervous System," under the direction of Dr. Richard F. Thompson, Associate Professor of Medical Psychology.

11. $51,725 - "In further support of a graduate training program in the Department of Ophthalmology," under the direction of Dr. Kenneth C. Swan, Professor and Chairman of the Department.

12. $17,280 - "In further support of a graduate training program in Anatomical Sciences," under the direction of Dr. R. L. Bacon, Professor of Anatomy.

13. $25,363 - "In further support of Faculty Training for Teaching Mental Health Concepts," under the direction of Miss Jean Boyle, Professor and Director of Nursing Education.
14. $35,292 - "In further support of Graduate Training Program in Diabetes and Metabolism," under the direction of Dr. Daniel M. Labby, Professor of Medicine, and Dr. Richard E. Bailey, Assistant Professor of Medicine.

15. $13,776 - "In support of a Career Development award--Metabolic and Steroidal Regulation of Active Na Transport," under the direction of Dr. George A. Porter, Assistant Professor of Medicine.

16. $16,133 - "In further support of Graduate Training in Bacteriology," under the direction of Dr. Arthur W. Frisch, Professor and Chairman, Department of Bacteriology.

17. $40,000 - "In further support of a graduate training program in Biochemistry," under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

18. $35,824 - "Graduate Training in Rheumatology," under the direction of Dr. Daniel M. Bachman, Associate Professor and Head of the Rheumatology Division.

19. $61,865 - "For graduate training in Physiology," under the direction of Dr. John M. Brookhart.

20. $23,846 - "In further support of a Neurosurgery Training Grant," under the direction of Dr. George Austin, Professor and Head of the Neurology Department.

21. $29,561 - "In further support of a Psychiatric Nursing Training program," under the direction of Miss Jean Boyle, Professor and Director of the School of Nursing.

22. $19,600 - "In further support of a Cancer Control Project grant for the training of Cytotechnologists," under the direction of Dr. Sefton R. Wellings.

23. $23,780 - "In further support of a graduate training program in Anesthesiology," under the direction of Dr. Frederick P. Haugen, Professor and Head of the Anesthesiology Department.

24. $24,379 - "In further support of a graduate training program in Pathology," under the direction of Dr. Sefton R. Wellings.

25. $34,999 - "In further support of a graduate training program in the Department of Neurology," under the direction of Dr. Roy L. Swank, Professor and Head of the Division of Neurology.

26. $49,205 - "In further support of a graduate training program in Clinical Psychology," under the direction of Dr. Joseph D. Matarazzo, Chairman, Department of Medical Psychology.
27. $52,599 - "In further support of a graduate training program in Medical Cardiology," under the direction of Dr. James Metcalfe, Professor of Medicine.

28. $1,200 - "In further support of a predoctoral fellowship for Mr. Dennis C. Gould," June 1 through August 30, 1965, under the sponsorship of Dr. Howard Mason, Professor of Biochemistry.

29. $142,954 - "In further support of a graduate training program in Psychiatry," under the direction of Dr. George Saslow.

30. $64,500 - "Graduate training in Medical Microbiology," under the direction of Dr. Arthur W. Frisch.

31. $45,368 - "In further support of an Undergraduate Training Program in Psychiatry," under the direction of Dr. George Saslow.

32. $29,307 - "Biochemistry of Human Epidermal Carcinogenesis I," June 1, 1965, through May 31, 1966, under the direction of Dr. Kenneth M. Halprin, Assistant Professor of Dermatology.

33. $77,758 - "Mechanisms of Oxygen Metabolism," June 1, 1965, through May 31, 1966, under the direction of Dr. Howard S. Mason.

34. $40,762 - "Graduate Training in the Division of Urology," under the direction of Dr. Dieter Kirchheim, Assistant Professor of Urology, and Dr. Clarence V. Hodges, Professor and Head of the Division of Urology.

35. $45,287 - "In support of a Graduate Training Program in the Division of Endocrinology," under the direction of Dr. Monte A. Greer, Professor of Medicine and Head of the Division of Endocrinology.

36. $1,987 - "Provide terminal support for current grant project entitled, Direct Blood Vessel Anastomosis," September 1 through November 30, 1965, under the direction of Dr. Richard S. Pope, Principal Investigator.

37. $81,385 - "In further support of Graduate Training Program in Dermatology," under the direction of Dr. Walter C. Lobitz, Jr., Professor and Head of the Division of Dermatology.

38. $24,108 - "In further support of a Career Award for research --Neuroendocrine and Thyroid Physiology," under the direction of Dr. Monte A. Greer.

39. $25,904 - "In support of Graduate Training Program in Pharmacology," under the direction of Dr. John D. Gabourel, Associate Professor of Pharmacology.
40. $814,046 - "Cardiovascular Program Project," June 1, 1965, through May 31, 1966, under the direction of Dean D. W. E. Baird and Dr. Charles N. Holman, Associate Dean, Medical Director, Administrator of Hospitals and Clinics.

Oregon State University

Scholarships & Fellowships

Gifts totaling $24,685.34 from the following donors for scholarships and fellowships:

The Alcoa Foundation, Pittsburgh, Pennsylvania $200.00
American Institute of Aeronautics and Astronautics, Seattle, Washington 250.00
The Autzen Foundation, Portland 500.00
Chester M. Wilcox Memorial Scholarship 4,000.00
Cole, Clark & Cunningham, Inc., Portland 400.00
The Co-Signers, Corvallis 234.00
Crown Zellerbach Foundation, San Francisco, Calif. 625.00
The Dow Chemical Company, Pittsburg, California 2,500.00
Douglas County Home Extension, Roseburg 330.00
Electrical Women's Round Table, Portland 150.00
The General Foods Fund, Inc., New York City 6,000.00
Harvey Aluminum 150.00
Robert Johnson Trust Fund 1,766.34
Lane County Bank, Florence 250.00
Lebanon Union High School, Lebanon 500.00
National Merit Scholarship Corporation, Evanston, Illinois 400.00
Oregon Federation of Business and Professional Women's Clubs, Eugene 500.00
Oregon Home Economics Extension Council, Junction City 250.00
Oregon State University Foundation, Corvallis 110.00
P.E.O. International Peace Scholarship Fund, Waldwick, New Jersey 1,500.00
Shell Companies Foundation, Inc., New York City 200.00
Southern Oregon Peace Officers Association, Klamath Falls 100.00
Standard Oil Company of California, San Francisco, California 1,500.00
Sunset High School Teachers Association, Beaverton 150.00
Elks Lodge No. 1972, Sweet Home 100.00
Elks Lodge No. 1437, Tillamook 200.00
Texaco, Inc., Anacortes, Washington 1,600.00
United States National Bank of Oregon, Portland 220.00

American Institute of Aeronautics & Astronautics, Northwest Section

Gift of one used 16mm sound projector with screen, valued at $150, from the American Institute of Aeronautics and Astronautics, Northwest Section, Seattle, Washington.
Atomic Energy Commission

Grants totaling $128,963 from the Atomic Energy Commission, Berkeley, California, and Richland, Washington, for research and other purposes, as follows:

1. $30,459 - "Effect of Irradiation on the Microbial Flora Surviving Irradiation Pasteurization of Seafoods," February 28, 1965, through March 1, 1966, under the direction of Mr. R. O. Sinnhuber, Professor of Food Science and Technology.

2. $16,916 - "Energy Conversion in Lower Trophic Levels in the Marine Environment," June 1, 1965, through March 31, 1966, under the direction of Dr. Herbert Curl, Associate Professor of Oceanography, and Dr. Lawrence Small, Assistant Professor of Oceanography.

3. $10,610 - "A Study of the Mechanism of Divalent Cation Uptake by Plants," June 1, 1965, through May 31, 1966, under the direction of Dr. David P. Moore, Assistant Professor of Soils.

4. $46,404 - "Properties of Polypeptidyl Proteins," June 1, 1965, through May 31, 1966, under the direction of Dr. Robert R. Becker, Associate Professor of Chemistry.


General Motors Corporation

Gift of one Fifth Wheel with electric tachometer, valued at $400, from General Motors Corporation, Warren, Michigan.

National Science Foundation

Grants totaling $413,780 from the National Science Foundation, Washington, D.C., for research and other purposes, effective June 1, 1965, through May 31, 1967, unless otherwise indicated, as follows:

1. $8,700 - "Undergraduate Instructional Scientific Equipment," May 1, 1965, through April 30, 1967, under the direction of Dr. Roy A. Young, Chairman, Department of Botany.

2. $100,000 - "Configuration and Physical Characterization of Nucleic Acids and Nucleic Acid Complexes by Phosphorescence Measurements," under the direction of Dr. Irvin Isenberg, Professor of Biophysics.

3. $24,900 - "Environmental Effects of Range Orientation and Activity of 3 Bee Species," under the direction of Dr. William P. Stephen, Associate Professor of Entomology.

4. $25,000 - "Behavioral Ecology of Aquatic Insects," under the direction of Dr. Norman H. Anderson, Assistant Professor of Entomology.
5. $52,900 - "Temperature Microstructure at the Ocean Floor," June 1, 1965, through May 31, 1966, under the direction of Dr. Joseph W. Berg, Professor of Oceanography; Dr. Gunnar Bodvarsson, Visiting Professor in the Department of Oceanography; and Dr. Roderick S. Mesecar, Assistant Professor of Oceanography.


7. $21,100 - "Biochemistry of Insect Development," July 1, 1965, through June 30, 1967, under the direction of Dr. Victor J. Brookes, Professor of Entomology.


9. $18,200 - "Taxonomic Studies of the Wasp Tribe Cercerini," under the direction of Dr. Herman A. Scullen, Professor of Entomology.


12. $14,000 - "Undergraduate Education in Science Research Participation and Independent Study," May 19, 1965, through July 31, 1966, under the direction of Dr. John R. Dilworth, Head of Forest Management.

13. $4,180 - "Program of Summer Fellowships for Graduate Teaching Assistants," June 1 through September 3, 1965, under the direction of Dr. Henry P. Hanson, Dean of the Graduate School.

Department of Grants totaling $310,173 from the U. S. Department of Health, Health, Education Education and Welfare, Office of Education, Washington, D.C., and Welfare as follows:

1. $290,173 - For the College Work-Study Program Economic Opportunity Act of 1964, July 1 through September 25, 1965, under the direction of Mr. James C. Lundy, Accounting Supervisor.

2. $20,000 - To accommodate expenditures for research in vocational Education, June 1, 1965, through November 30, 1966, under the direction of Dr. F. R. Zeran, Dean, School of Education.
Grants totaling $12,820 from the U. S. Department of the Interior, Washington, D.C., for graduate educational grants in aquatic science, effective June 15, 1965, through June 14, 1966, as follows:

1. $3,940 - Under the direction of Mr. R. O. Sinnhuber, Professor of Food Science and Technology.

2. $8,880 - Under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.

Grants totaling $22,300 from the U. S. Office of Naval Research, Washington, D.C., for research purposes, as follows:

1. $15,000 - "Research of Glass Delay Lines in Computer Memories," June 1, 1965, through May 30, 1966, under the direction of Dr. A. T. Lonseth, Head of the Department of Mathematics.

2. $7,300 - "Rate of Interconversion of Internal and Translational Molecular Energy," February 15, 1965, through February 14, 1966, under the direction of Dr. J. C. Decius, Professor of Chemistry.

Unrestricted grant of $1,500 for the School of Engineering from the Bechtel Corporation, San Francisco, California.

Gift of various items of equipment, valued at $5,533.68, from the Agricultural Research Foundation, Corvallis, for use by Mid-Columbia Experiment Station, Department of Botany and Plant Pathology, Department of Agricultural Chemistry, Department of Microbiology and the North Willamette Experiment Station.

Grants totaling $660,836 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, effective July 1, 1965, through June 30, 1966, unless otherwise indicated, as follows:

1. $21,685 - "Studies on Effects of Watershed Practices on Streams," May 1, 1965, through April 30, 1966, under the direction of Dr. James D. Hall, Assistant Professor of Fisheries and Wildlife, and Dr. James T. Krygier, Associate Professor of Forest Management.

2. $29,000 - "For a Training Program in Water Supply and Pollution Control," under the direction of Dr. Charles Osterberg, Associate Professor of Oceanography.

3. $8,100 - "Predoctoral Fellowship Award," June 10, 1965, through June 9, 1966, under the direction of Dr. Alfred Owczarzak, Associate Professor of Zoology.

4. $7,113 - "Predoctoral Fellowship Award," June 21, 1965, through June 22, 1966, under the direction of Dr. Ivan Pratt, Professor of Zoology.
5. $12,698 - "Biochemistry of Insect Development," under the direction of Dr. Victor J. Brookes, Associate Professor of Entomology.

6. $19,306 - "For a Training Program in Toxicology," under the direction of Dr. Charles E. Warren, Associate Professor of Fisheries.

7. $9,569 - "Biosynthesis of Essential Metabolites," June 1, 1965, through May 31, 1967, under the direction of Dr. Annette Baich, Assistant Professor of Chemistry.

8. $18,676 - "Pesticide Induced Genetic Changes in Plant Species," June 1, 1965, through May 31, 1968, under the direction of Dr. Warren E. Kronstad, Assistant Professor of Agronomy.

9. $27,816 - "For training in Water Supply and Pollution Control," under the direction of Dr. Charles E. Warren.

10. $51,084 - "Infectious Diseases," under the direction of Dr. Dorothy K. Fraser, Associate Professor of Microbiology.

11. $50,747 - "For a training program in Microbiology," under the direction of Dr. P. R. Elliker, Chairman of Microbiology Department.

12. $15,348 - "Relations of Nuisance Algae to Fishes in Klamath Lake," June 1, 1965, through May 31, 1967, under the direction of Dr. Carl E. Bond, Associate Professor of Fisheries.


15. $40,730 - "Water Re-Use - Quantity - Quality Effect on Treatment Processes," June 1, 1965, through April 30, 1966, under the direction of Dr. Frederick J. Burgess, Professor of Civil Engineering.

16. $66,116 - "For a training program in Water Supply and Pollution Control," under the direction of Dr. Frederick J. Burgess.

17. $15,931 - "For training in Water Supply and Pollution Control," under the direction of Dr. H. C. Curl, Associate Professor of Oceanography.
18. $23,638 - "For a training program in Cellular and Molecular Biology," under the direction of Dr. Robert W. Newburgh, Assistant Director of Science Research Institute.

19. $104,518 - "Pesticide Toxicology," under the direction of Dr. W. T. Cooney, Associate Dean, School of Agriculture.

20. $24,300 - "For Environmental Health Traineeship," September 1, 1965, through August 31, 1966, under the direction of Dr. Frederick J. Burgess.


22. $18,277 - "For training program in Water Supply and Pollution Control," under the direction of Dr. Emery N. Castle, Professor of Agricultural Economics.

23. $20,700 - "For training program in Water Supply and Pollution Control," under the direction of Dr. Herbert F. Frolander, Associate Professor of Oceanography.

Grants totaling $5,986.67 from the Department of Vocational Education, Salem, for various purposes, as follows:

1. $120 - To cover the cost of meals and lodging for Dr. Henry Ten Pas while attending the conference on Agricultural Occupations at Ohio State University.

2. $3,400 - For long-range plans for Home Economics Education under the direction of Dr. May DuBois, Professor of Home Economics.

3. $2,466.67 - For Vocational Education research under the direction of Dr. T. Antoinette Ryan, Assistant Professor of Education, during spring term, 1964-65.

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

$1,500 - "Interaction of Temperature with Other Factors on the Response of Canada Thistle to Herbicides," under the direction of Dr. V. H. Freed, Professor of Chemistry.

$3,160 - "Factors Affecting Activity and Flavor Production of Butter and Cheese Cultures," under the direction of Dr. P. R. Elliker, Professor of Dairy Microbiology.
$5,457 - "Enzyme System of the Cranberry," under the direction of Dr. H. Y. Yang, Associate Professor of Food Science and Technology, $225; "Formulation of New Commercial Food Products," under the direction of Dr. R. L. Smith, Associate Professor of Food Science, $4,782; "Suitability of Fruits and Vegetables for Processing," under the direction of Dr. R. F. Cain, Professor of Food Science and Technology, $450.

$3,230 - "The Effect of Fertilizers and Lime on Production of Vegetable Crops and Strawberries in Western Oregon," under the direction of Dr. T. L. Jackson, Professor of Soils.

American Cyanamid Company

$500 - "Chemical Control of Diseases of Tree Fruits," under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology.

American Sheep Producers Council, Inc.,

$1,000 - "An Evaluation of Change in Lamb Sales in Oregon," under the direction of Dr. Gerald E. Korzan, Professor of Agricultural Economics.

Bonneville Power Administration

$685 - "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.

California Chemical Company

$500 - "Investigations with Fruit Tree Oil Sprays," under the direction of Dr. P. H. Westigard, Assistant Professor of Entomology.

$500 - "Chemical Curing of Range Forage Grasses," under the direction of Mr. Forrest A. Snea, Assistant Professor of Range Management.

Campbell Soup Company

$5,000 - "Inheritance of Certain Biochemical Substances Conditioning the Flavor of Blue Lake Green Beans," under the direction of Dr. W. A. Frazier, Professor of Horticulture, and Dr. E. A. Day, Professor of Food Science and Technology.

Chemagro Corporation

$500 - "To Study Growth Response from Di-Syston on Potatoes in Verticillium Wilt Infested Soil," under the direction of Mr. George E. Carter, Assistant in Farm Crops.

$750 - "Biology and Control of Entomological Pests of Tree Fruits," under the direction of Mr. S. C. Jones, Professor of Entomology.

Dow Chemical Company

$250 - "Weed Research Program at Pendleton," under the direction of Mr. M. M. Oveson, Professor of Agronomy.

$500 - "Verticillium Wilt of Peppermint," under the direction of Dr. C. E. Horner, Associate Professor of Botany.

$100 - "Research on Soil Fumigation," under the direction of Dr. H. E. Morrison, Associate Professor of Entomology.

Diamond Alkali Company

$750 - "Evaluation of Experimental Herbicides," under the direction of Dr. Garvin Crabtree, Assistant Professor of Horticulture.
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$500 - "Studies being conducted for use of oil for control of insects and mites on pear trees," under the direction of Dr. Peter H. Westigard, Assistant Professor of Entomology.

$100 - "Forage and Turf Grass Breeding Program," under the direction of Dr. R. V. Frakes, Associate Professor of Plant Breeding.

$325 - "To test potato variety selections for Verticillium wilt resistance," under the direction of Mr. George E. Carter.

$3,000 - "Evaluation of Herbicides and Their Potential Usefulness in Various Crops," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

$1,000 - "Biology and Control of Entomological Pests of Tree Fruits," under the direction of Dr. S. C. Jones, Professor of Entomology.

$2,000 - "Fish Pathology Research and Diagnostic Service," under the direction of Dr. John L. Fryer, Assistant Professor of Microbiology and Fisheries.

$2,000 - "Fish Pathology Research and Diagnostic Services," under the direction of Dr. John L. Fryer.

$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.

$2,000 - "Evaluation of New Herbicides," under the direction of Dr. W. R. Furtick.

$875 - "To support research on onion pink root," under the direction of Dr. E. K. Vaughan, Professor of Botany.

Portland State College

Scholarships & Fellowships Gifts totaling $1,980 from the following donors for scholarships and fellowships as follows:

<table>
<thead>
<tr>
<th>Donor</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>AIREA, Oregon Chapter #14, Portland</td>
<td>$330.00</td>
</tr>
<tr>
<td>Autzen Foundation, Portland</td>
<td>$300.00</td>
</tr>
<tr>
<td>Byron Hoyt Sheet Music Service, Inc., Portland</td>
<td>$250.00</td>
</tr>
<tr>
<td>Progressive Music Teachers, Beaverton</td>
<td>$100.00</td>
</tr>
<tr>
<td>Phelps-Stokes Fund, New York City</td>
<td>$700.00</td>
</tr>
<tr>
<td>Mrs. Margaret W. Reed, Klamath Falls</td>
<td>$300.00</td>
</tr>
</tbody>
</table>
Gifts totaling $1,710.33 from the following donors to be applied to the Student Loan Fund as follows:

Portland State College Cooperative Association, Portland.

Portland State College Dad's Club, Portland

$ 1,610.33

100.00

Mrs. George T. Cochran

Gift of 55 books, Oregon Court Briefs-Water Cases, and 10 pamphlets on water, valued at $170, from Mrs. George T. Cochran, Portland.

Blyth and Company

Gift of film, "Opportunity U.S.A.," valued at $200, to the Library from Mr. Thomas E. Morris, Vice President, Blyth and Company, Portland.

National Institutes of Health

Grant of $34,226 from the National Institutes of Health, Bethesda, Maryland, for "Psychiatric Social Work," July 1, 1965, through June 30, 1966, under the direction of Dr. Gordon Hearn, Director, School of Social Work.

National Science Foundation

Grant of $5,570 from the National Science Foundation, Washington, D.C., to support an In-Service Institute in Mathematics for Secondary School Teachers, May 13, 1965, through June 30, 1966, under the direction of Dr. J. Richard Byrne, Professor of Mathematics.

Department of Health, Education, and Welfare

Grants totaling $722,648 from the U. S. Department of Health, Education, and Welfare, Office of Education, Washington, D.C., for institutes and other purposes as follows:

1. $36,994 - "Summer Institute for 15 Secondary School Teachers of Arabic," December 24, 1964, through October 31, 1965, under the direction of Dr. Frederick J. Cox, Director of Middle East Studies.

2. $685,654 - "To provide matching funds for the College Work Study Program for the 1965 Summer Term and the 1965-66 Academic Year," July 1, 1965, through June 30, 1966, under the direction of Mr. John Jenkins, Director of the Program.

Tektronix Foundation

Gift of $8,585 from Tektronix Foundation, Beaverton, to purchase an Ultracentrifuge for the Biology Department.

U. S. Public Health Service

Grant of $14,494 from the U. S. Public Health Service, Washington, D.C., to support research entitled, "Biosynthesis of Dihydroorotic Dehydrogenase," June 1, 1965, through May 31, 1966, under the direction of Dr. W. Herman Taylor, Associate Professor of Biology.

Oregon College of Education

Gifts totaling $600 from the following donors for scholarships and fellowships:

Anonymous

Coos Bay Public Schools

Marshfield High School, Coos Bay

Salem Junior Chamber of Commerce

$ 200.00

200.00

100.00

100.00
Grant of $26,572 from the State Department of Education, Oregon Program, Salem, for participation in the Oregon College of Education training program, July 1, 1965, through June 30, 1966, under the direction of Dr. Ralph Farrow, Associate Professor of Education.

Grants totaling $170,494 from the U.S. Department of Health, Education and Welfare, Washington, D.C., for institutes and other purposes as follows:

1. $30,626 - For a Geography Institute, under the direction of Dr. Paul Griffin, Chairman, Social Science Department.

2. $4,510 - For the development of a demonstration film on Creativity and Media, June 1 through September 30, 1965, under the direction of Dr. Lester Beck, Professor in Research.

3. $55,000 - "Increasing Prediction of Teacher's Classroom Behavior Through Use of Motion Picture Tests," May 1, 1965, through September 30, 1966, under the direction of Dr. James A. Beard, Associate Professor of Educational Research.

4. $8,981 - "Prompting as an Instructional Variable in Classroom Simulation," May 1, 1965, through January 31, 1966, under the direction of Dr. Paul A. Twelker, Assistant Professor in Research.

5. $33,877 - To conduct a History Institute, February 15 through October 31, 1965, under the direction of Mr. Marvin Lieske, Assistant Professor of Social Science.

6. $37,500 - "Successive vs Simultaneous Attainment of Instructional Objectives in Classroom Simulation," May 1, 1965, through June 30, 1966, under the direction of Dr. Bert Y. Kersh, Associate Professor in Research.

Gifts totaling $10,047.30 from the following donors for scholarships:

- American Association of University Women, Ashland $175.00
- Beta Sigma Phi, Beta Upsilon Chapter, Medford 100.00
- Collier and Jane Buffington, Medford 100.00
- Carpenter Foundation, Medford 4,391.74
- Lions Club, Coquille 125.00
- Elks Lodge, No. 944, Ashland 856.50
- Faculty Wives, Ashland 100.00
- Federated Women's Club, Illinois Valley 230.00
- First Presbyterian Church, Ashland 150.00
- Glide High School, Glide 100.00
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Institute of International Education, New York City $300.00
Jackson County Division, Oregon Education Association, Ashland 100.00
Jackson Foundation, Portland 1,000.00
Mr. and Mrs. P. A. James, Eugene 100.00
Klamath Union High School, Klamath Falls 330.00
Myrtle Creek Parent-Teacher Association, Myrtle Creek 300.00
Oregon Congress of Parents & Teachers, Portland 583.31
Oregon State Elks Association, Madras 318.75
Phelps-Stokes Fund, New York City 300.00
Rogue Equipment Company, Medford 167.00
Student Wives, Ashland 100.00
Victor Mills Award, Ashland 100.00

Eastern Oregon College

American Society of Women Accountants Gift of $200 from the American Society of Women Accountants, Portland for a scholarship for a young woman in the field of accounting.

National Science Foundation Grant of $20,100 from the National Science Foundation, Washington, D.C., for research in "Genetic Biology," June 1, 1965, to June 1, 1967, under the direction of Dr. Ralph E. Badgley, Head of the Science Division.


Oregon Technical Institute

Tillamook High School PTA Gift of $200 from the Tillamook High School Parent-Teacher Association, Tillamook, for a scholarship for a designated student.

Division of Continuing Education

Harvey Aluminum Company Gift of $164 from the Harvey Aluminum Company, The Dalles, for Conservation Workshops, Summer Term 1965, under the direction of Mr. Robert J. Gridley, Chairman, Special Programs.

Portland Garden Club Gift of $328 from the Portland Garden Club, Portland, for a Conservation of Natural Resources Workshop, Summer Term 1965, under the direction of Mr. Robert J. Gridley.
Gift of $200 from Georgia Pacific Foundation, Portland, for Conservation Workshops, Summer Term 1965, under the direction of Mr. Robert J. Gridley.

Grant of $13,440 from the U. S. Public Health Service, Washington, D.C., to support an institute entitled "Interviewing and Counseling Practicum for Public Health Service Nurses at Monmouth and Ashland," May 28 through December 16, 1965, under the direction of Dr. Thomas M. Calasunno, Project Director, Alcohol Studies.

At the request of Mrs. Johnson, Dr. Romney presented the request from Portland State College for Board authorization to offer a certificate program in law enforcement as detailed in the document entitled, Request of Portland State College for Authorization To Offer a Certificate Program in Law Enforcement, prepared by the Office of Academic Affairs under date of July 26, 1965, which document is considered a part of these minutes. As summarized on Pages 5 and 6 of that document, the Board's Committee on Academic Affairs recommended that the Board approve the request to offer the proposed program in law enforcement, effective with the 1965-66 school year.

The Board approved the recommendation as presented, with the understanding that the financial arrangements for the program would be presented in detail at the September meeting.

Dr. Romney presented the request from Portland State College for Board authorization to offer preparation programs for teachers of the mentally retarded and visually handicapped as detailed in the document entitled, Portland State College Request for Authorization To Offer Preparation Programs for Teachers of the Mentally Retarded and Visually Handicapped, prepared by the Office of Academic Affairs under date of July 26, 1965, which document is considered a part of these minutes.

The Board's Committee on Academic Affairs recommended that the Board grant Portland State College authorization to offer teacher preparation programs in the areas of mental retardation and visually handicapped, that, as of the summer term of 1966, Portland State College be authorized to recommend to the State Board of Education for certification, teachers who have completed the following programs authorized Portland State College:

- Basic norm (4-year) programs in the preparation of teachers of the mentally retarded and the visually handicapped.
- A standard norm (5-year) program leading to a master's degree in the preparation of teachers of the visually handicapped.
The Board's Committee on Academic Affairs further recommended that Portland State College's request for authorization of a standard norm (5-year) program for teachers of the mentally retarded be deferred for the present, pending completion of several studies of the needs and resources in this field.

The Board approved the recommendation as presented.

The implications of some of the new programs for children from culturally disadvantaged homes were also discussed, particularly with reference to their impact on teacher education programs. It was indicated that a certain amount of training has been included for many years in the regular teacher education program, but the view was expressed that the emphasis currently being placed on these programs and the interest in them may result in an expansion of the preparation of teachers for this type of exceptional child.

Dr. Romney presented the request from Portland State College for Board authorization to offer master's degree programs in mathematics, physics, chemistry and applied science as detailed in the document entitled, Portland State College Request for Authorization To Offer Master's Degree Programs in Mathematics, Physics, Chemistry, and Applied Science, prepared by the Office of Academic Affairs under date of July 26, 1965, which document is considered a part of these minutes.

The Board's Committee on Academic Affairs recommended that the Board authorize Portland State College to offer, effective 1966-67, master's degree programs in mathematics, physics, chemistry, and applied science.

The Board approved the recommendation as presented.

The meeting was recessed at 2:30 P.M., July 26, 1965, and was reconvened at 9:00 A.M., July 27, 1965, with the following Board members present:

Mr. J. W. Forrester, Jr.  Mr. George H. Layman
Mrs. Elizabeth H. Johnson  Mr. John W. Snider
Mr. Philip A. Joss  Mr. Chas. R. Holloway, Jr.

Absent: Mr. John Merrifield, R. E. Purvine, M.D., and Mr. Ray T. Yasui. Mr. Merrifield was absent for business reasons; Mr. Yasui was absent due to family illness; and Dr. Purvine was on other state business.

President Holloway announced that the next meeting of the Board would be held in Salem, Oregon, on September 13-14, 1965. It was also noted that the meeting would be the occasion of the joint meeting with the State Board of Education, to be held on Tuesday, September 14. He indicated that suggested items for the agenda of the joint meeting of the two boards should be submitted to the Chancellor. The joint meeting this year will be under the chairmanship of the State Board of Higher Education.
The Chancellor reviewed the criteria which were included in the budget report of the Ways and Means Committee for the distribution of that portion of the salary improvement money which was designated for teachers of undergraduate courses. The criteria specified that:

1. The fund should be distributed equitably between the two years of the biennium.

2. The fund should be distributed to the institutions in multiples of $1,000 and in accordance with the FTE of undergraduate students enrolled.

3. The faculty grants are to be considered as nonrecurring, but a faculty member might qualify for consideration for a grant for a second or third year.

4. To qualify for an award a faculty member must teach an average of two three-credit hour courses at the undergraduate level during at least two terms of the academic year.

5. Students are to be included in either the nomination or the selection of the grant winners, and they may be involved in both.

The Chancellor indicated that the Education Sub-Committee of Ways and Means also stated that plans for selecting the grant winners were to be developed by the institutions and submitted to the Board of Higher Education for approval. It was emphasized that in order to have the maximum effect in the retention of faculty, the selection plans should be approved during the early part of the fall term to permit the selection of recipients no later than winter term. October was set as the tentative target date for submitting selection guidelines for Board consideration. At a meeting of the institutional executives it was agreed that Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, would work with the institutional deans of faculty in developing guidelines for consideration by the faculties of the several institutions. It was understood that the guidelines would not necessarily be uniform for all of the institutions; some institutions have selection plans for their present outstanding teacher awards programs which plans can be revised or expanded to comply with the criteria for the legislative program.

In response to questions from the Board the Chancellor stated that the legislative committee had not specified a detailed method for student participation in the selection process but had left this to the institutions. It was also mentioned that it might be difficult for faculty assigned to both research and instruction to qualify for the grants.

Copies of the "Report of Final Head Count Enrollments by Terms for Year 1964-65 Compared with Year 1963-64" were distributed. The Chancellor called attention to the fact that the winter term enrollment compared to that of the previous year increased almost a percentage point over the gain in fall term. The gain fall term
was 7.6 percent for the System and during the winter term it was 8.5 percent. This may be an indication that some success has been achieved in distributing the enrollment a little more equally over the three terms by having a higher admission requirement for students entering during the fall term. It is expected that this higher admission requirement at the University of Oregon, Oregon State University, Portland State College, and Oregon College of Education during fall term will be continued when admission requirements are presented for approval at the September Board meeting.

The 1965 summer session enrollment increased 13.1 percent over the 1964 summer session enrollment. The estimated increase was 10.5 percent. These figures might also be an indication of success in developing the summer term more fully.

Shakespearean Festival
The Chancellor called attention to a six-page article in the current Reader's Digest about the revival of interest in Shakespeare. The article recognizes that the Ashland Shakespearean Festival was probably the most influential factor in this revival of interest and also gives credit to Mr. Angus Bowmer for his work.

Housing for Students
The Chancellor stated that a number of discussions over the past several months have indicated that more concentrated attention should be given to the housing problem for students. He mentioned the following five categories of student housing:

1. Housing for single students in dormitories
2. Housing for married students
3. Cooperative housing
4. Private dormitory housing associated with or adjacent to university and college campuses
5. Fraternity and sorority housing

There was extensive discussion of some of the factors involved in each of these types of student housing. The Board also discussed supervision in student housing, financial arrangements and the cost to students in the different living facilities, use of state funds to provide housing, the supply of private housing for students and faculty within the communities, and the proposed changes in the self-liquidating program.

During the discussion of student housing, Board members and institutional executives expressed the opinion that the problem of student housing should be studied in greater detail, both in study sessions and through the preparation of reports. President Holloway requested the Chancellor and his staff to prepare a study that would provide the framework within which the various housing programs could be placed and evaluated.

Mr. Snider indicated that he felt that a system-wide study of the quality, nutrition and mass purchasing of food would also be of value. President Jensen indicated that although there had not been a system-wide study in this area he felt that the persons who
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purchased the food at most of the institutions were doing an expert job of purchasing and taking advantage of bargains to reduce the total food cost.

ELECTION OF OFFICERS

President Holloway called for nominations for Board officers to serve during 1965-66. On motion by Director Joss and second by Director Snider, the incumbent officers were nominated and reelected by a unanimous vote. The Secretary was instructed to cast a unanimous ballot. The officers for 1965-66 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.

ADJOURNMENT

The meeting was adjourned at 10:30 A.M.

Charles R. Holloway, Jr., President

R. L. Collins, Secretary