STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
THE COMMONS, OREGON TECHNICAL INSTITUTE, KLAMATH FALLS, OREGON

October 26-27, 1964

MEETING #331

A regular meeting of the State Board of Higher Education was held in
the Commons, Oregon Technical Institute, Klamath Falls, Oregon, on

ROLL CALL

The meeting was called to order at 9:00 A.M. on Monday, October 26,
1964, by the President of the Board, Mr. Chas. R. Holloway, Jr., and
on roll call the following answered present:

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

Absent: Mrs. Elizabeth H. Johnson, R. E. Purvine, M.D., and Mr. Ray
T. Yasui.

OTHERS PRESENT:

Centralized Activities--Chancellor R. E. Lieuallen; Secretary R. L.
Collins; Dr. M. C. Romney, Vice Chancellor for Academic Affairs;
Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. J. W.
Sherburne, Vice Chancellor for Continuing Education; Mr. D. R.
Larson, Assistant Chancellor and Director of Public Services;
Mr. J. L. Watson, Comptroller; Mr. J. I. Hunderup, Director of
Facilities Planning; Mr. Guy Lutz, Assistant Director, Office of
Institutional Research; 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; Mr. Richard Pizzo, Executive Secretary, High School-
College Relations Committee, Dr. John Loughery, Program Director,
Teaching Research Division.

University of Oregon--President A. S. Fleming; Mr. J. O. Lindstrom,
Director of Fiscal Affairs.

University of Oregon Medical School--Dean D. W. E. Baird; Mr. W. A.
Zimmerman, Assistant Dean for Business Affairs.

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

Oregon State University--President J. R. Jensen; Mr. M. Popovich,
Dean of Administration; Mr. G. M. Robertson, Director of Business
Affairs.

Portland State College--President B. P. Millar; Mr. W. T. Lemman,
Director of Business Affairs; and Dr. Brock Dixon, Dean of
Administration.
Oregon College of Education---President L. W. Rice; Mr. E. A. Stebbins, Dean of Administration; Mr. Ronald 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. W. M. Douglass, Dean of Administration; Mr. J. L. Churchill, Dean of Students; Mr. A. L. Geiss, Director of Information; Mr. George Crowe, Director of Auxiliary Activities; Mr. A. E. Smith, Director of Business Affairs.

Division of Continuing Education---Mr. Ralph Steetle, Director of Divisional Relations.

Others---Mr. Robert Veatch, Mayor of the City of Klamath Falls; Mr. Frank E. Lucas.

RE ABSENCES

Mr. Yasui and Dr. Purvine were absent for business reasons; Mrs. Johnson was absent due to illness.

MINUTES

APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on September 14-15, 1964, and approved them as printed in the docket.

At the request of President Holloway, Mr. John Merrifield acted as chairman of the Board during the consideration of items related to Buildings and Other Physical Facilities; and Mr. John W. Snider acted as chairman of the Board during the consideration of items related to Finance and Business Affairs.
Pursuant to authorization granted by the Board on June 9, 1964, plans and specifications were prepared by Engineer W. Bruce Morrison for an automatic fire sprinkling system in Agriculture Hall at Oregon State University and by Architects Bear, McNeil, Schneider, Bloodworth & Hawes for various alterations in the building required to minimize the hazards of fire and structural failure noted by the state fire marshal. A contract award in the amount of $23,509 for the automatic fire sprinkling system was made to C. J. Hansen Company of Salem, Oregon, on July 14, 1964, and a contract award in the amount of $88,243 was made to Quentin Greenough, Inc., of Corvallis who submitted the low bid on September 24, 1964, for the alterations to Agricultural Hall. Three other bids were received for this remodeling work, the highest of which was $105,299. The following budget was approved for the project:

**Alterations Work:**

| Contract with Quentin Greenough, Inc., Corvallis | $88,243 |

**Fire Sprinkling System:**

| Contract with C. J. Hansen Company, Salem | $23,509 |
| Engineer's fees | 3,750 |
| Contingencies | 2,241 |
| Architects' fees | 7,460 |
| Movable equipment | 15,442 |
| Physical Plant costs including moving expenses and construction supervision | 5,074 |
| Contingencies | 4,431 |
| **Total** | **$150,150** |

Inasmuch as the State Emergency Board authorized an allocation of $161,000 for this rehabilitation work, President Jensen, with the concurrence of the Chancellor, recommended that the balance of $10,850 be reserved to apply to other needed work in Agricultural Hall, such as for additional fixtures for the undergraduate microbiology laboratories. Such items would be subject to the approval of the President's office and the Board's Office. The funds for the project are being provided from the operating budget in accordance with the action of the Emergency Board on May 29, 1964.

The Board confirmed the contract award.

Pursuant to authorization granted by the Board in July 1964, bids for the remodeling of the old Library Building (Kidder Hall) at Oregon State University were received on September 15, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>7</td>
<td>$367,128</td>
<td>$493,489</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>$159,878</td>
<td>$187,628</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>$83,700</td>
<td>$118,085</td>
</tr>
</tbody>
</table>
Inasmuch as the sum of the low bids was very close to the estimate of Architect Hewlett & Jamison, contract awards were made to the low bidders and the following budget was approved for the project:

**Direct Construction:**
- General Work - Lorentz Bruun Company, Portland: $367,128
- Mechanical Work - W. D. Claggett Mechanical Contractors, Salem: $159,878
- Electrical Work - Steeck Electric Company, Medford: $83,700
- Total direct construction costs: $610,706

Architects' and engineering fees (net of $2,228 of Board funds allocated for preliminary planning): $39,882
- Movable equipment: $20,000
- Physical plant costs, including construction supervision: $9,000
- Contingencies (approximately 2.9% of direct construction costs): $17,912
- Total: $697,500

Although the institutional recommendation included the acceptance of the bid alternate for air conditioning, involving an additional $52,500, the initial contract awards and the budget noted above have excluded this item pending the receipt of bids for other major projects which are to be financed from Series 1964 bond borrowings. It is intended, however, that if satisfactory bids are received for these other projects the budget for the alterations to the Old Library Building will be increased by the Board's Office pursuant to authority already granted, to $750,000, which is the expenditure limitation noted in Chapter 548, Oregon Laws 1963. Thereafter, the alternate will be accepted for the air conditioning equipment and installation.

Based upon the gross area of 63,542 square feet to be remodeled, the direct construction costs of $610,706 average $9.61 per square foot. If air conditioning is provided, the direct construction costs would total $662,522, or an average of approximately $10.43 per square foot. Except for $25,000 appropriated by Chapter 548, Oregon Laws 1963, and released by the State Emergency Board on June 28, 1963, construction funds for this project are being provided from Series 1964 bond borrowings.

The Board confirmed the contract awards.

On September 18, 1964, the Vice Chancellor for Business Affairs inspected and accepted the work of construction contractors for the new dormitory for women at the University of Oregon Medical School and Dental School, subject to the completion of a few minor items. The semi-final budget for the project is tabulated below in comparison with the original budget reported to the Board on July 9, 1963.
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<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 9-18-64</th>
<th>Original Budget 7-9-63</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - A. V. Petersen Co., Portland</td>
<td>$577,551</td>
<td>$564,877</td>
<td>$12,674 (1)</td>
</tr>
<tr>
<td>Mechanical Work - Lord Bros. Contractors, Inc., Portland</td>
<td>133,787</td>
<td>120,975</td>
<td>12,812 (2)</td>
</tr>
<tr>
<td>Electrical Work - Lord Electric Co., Inc., Portland</td>
<td>52,452</td>
<td>47,149</td>
<td>5,303 (3)</td>
</tr>
<tr>
<td>Built-in furniture work - Educators Manufacturing Co., Tacoma</td>
<td>38,755</td>
<td>41,200</td>
<td>(2,445) (4)</td>
</tr>
<tr>
<td><strong>Total direct construction costs</strong></td>
<td><strong>$802,545</strong></td>
<td><strong>$774,201</strong></td>
<td><strong>$28,344</strong></td>
</tr>
<tr>
<td>Architects' and engineering fees</td>
<td>51,230</td>
<td>48,704</td>
<td>2,526</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>9,419</td>
<td>10,200</td>
<td>(781)</td>
</tr>
<tr>
<td>Landscaping</td>
<td>8,500</td>
<td>5,000</td>
<td>3,500</td>
</tr>
<tr>
<td>Physical Plant and miscellaneous costs</td>
<td>5,206</td>
<td>2,500</td>
<td>2,706</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>43,000</td>
<td>45,805</td>
<td>(2,805)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>--</td>
<td>38,710</td>
<td>(38,710)</td>
</tr>
<tr>
<td><strong>Total project costs</strong></td>
<td><strong>$919,900</strong></td>
<td><strong>$925,120</strong></td>
<td><strong>$5,220</strong></td>
</tr>
</tbody>
</table>

(1) Includes adjustments for installation of rip-rap rock wall, additional foundation requirements, revision in viaduct to clear water main, reinstatement of alternates to provide vinyl floor tile and to complete interior finish of guest rooms, and other modifications incorporated within eight approved change orders.

(2) Includes adjustments for wet standpipe system, provision for fire hydrant and increased water service line size, revision in steam tunnel, reinstatement of alternates to complete interior finish of guest rooms and to provide cooling in the main lounge, and other minor adjustments incorporated within seven approved change orders.

(3) Includes revision required through re-design of built-in furniture, reinstatement of alternates for electric water coolers and interior finish of guest rooms, and other modifications incorporated within seven approved change orders.

(4) Reflects revisions in design of built-in furniture requested by the institution and approved by change order.

The women's dormitory was designed by Architects Bear, McNeil, Schneider, Bloodworth & Hawes and provides initial occupancy for 170 students. The structure includes unfinished areas on the ground floor and on the eighth floor which would provide housing for an additional 46 students at some future time.

Based upon a gross area of 42,805 square feet, which is the revised total computed by the architects upon the building completion, the direct construction costs of $802,545 average about $18.75 per square
foot. The initial investment of $919,900 would average $5,411 per occupant, but completion of the unfinished spaces would serve to reduce this investment when the total capacity is increased to 216 students. The dormitory does not include central kitchen or dining areas.

Funds for the project were provided from Series 1963 A bond borrowings having a par value of $944,000. The savings of approximately $5,220 will be made available to other approved self-supporting projects at the institutions.

The Board confirmed the acceptance of the dormitory.

Report of Inspection and Acceptance of the Conversion of R/V Yaquina, OSU

On September 26, 1964, Director Merrifield inspected and accepted the work performed by Albina Engine and Machine Works of Portland in the conversion of the research vessel "Yaquina" for the Department of Oceanography at Oregon State University, subject to the completion of a few minor items. The semi-final budget for the project is tabulated below in comparison with the original budget reported to the Board in June 1964:

<table>
<thead>
<tr>
<th>Revised or Increase</th>
<th>Original Budget</th>
<th>9/26/64</th>
<th>6/9/64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs - Albina</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine and Machine Works, Portland</td>
<td>$571,318</td>
<td>$528,423</td>
<td>$42,895 (1)</td>
</tr>
<tr>
<td>Architects' &amp; Engineering Fees</td>
<td>34,724</td>
<td>32,150</td>
<td>2,574</td>
</tr>
<tr>
<td>Equipment (Including Deck Machinery, Electronic Equipment &amp; Wire Rope on Winches)</td>
<td>105,537</td>
<td>138,000</td>
<td>(32,463) (2)</td>
</tr>
<tr>
<td>Construction Inspection</td>
<td>8,472</td>
<td>8,400</td>
<td>72</td>
</tr>
<tr>
<td>Engine Room Activation Costs</td>
<td>31,255</td>
<td>25,000</td>
<td>6,255</td>
</tr>
<tr>
<td>Miscellaneous Costs (Wharfage, Travel, Telephone, Etc.)</td>
<td>18,694</td>
<td>10,220</td>
<td>8,474</td>
</tr>
<tr>
<td>Contingencies</td>
<td>--</td>
<td>27,807</td>
<td>(27,807)</td>
</tr>
<tr>
<td>Total Project Costs</td>
<td>$770,000</td>
<td>$770,000</td>
<td>$ --</td>
</tr>
</tbody>
</table>

(1) Includes revisions to pilot house, removal of old generator and panel, and installation of owner-provided generator, fabrication and installation of hydraulically operated davit and winch, conversion of existing lounge into stateroom, and other changes incorporated within seven change orders.

(2) Allocated to Direct Construction, Engine Room Activation, and Miscellaneous Costs.

The plans and specifications for the conversion of the research vessel were prepared by W. C. Nickum and Sons, Naval Architects and Marine Engineers of Seattle. The vessel, a former U.S. Army Transportation Corps FS 210, was transferred to Oregon State University by the federal government as surplus property. It has an overall length of 179 feet 10 inches and beam of 32 feet. The berthing capacity is adequate for 40 crew members and research personnel.
The vessel has a cruising radius of 3,500 miles at 12 knots. As remodeled, the "YAQUINA" is especially prepared for oceanographic studies and is equipped with several laboratories, an underwater observation room, chartroom, staterooms, and other appropriate facilities.

The entire amount of the cost of $770,000 to convert the "YAQUINA" was received by Oregon State University as a grant from the National Science Foundation.

It would be appropriate to commend the Albina Engine and Machine Works for the excellent work performed in the conversion and to express appreciation for the gift from the company of materials and services valued at approximately $5,000, supplementing the National Science Foundation grant of $770,000.

The Board confirmed the acceptance of the Yaquina.

The Housing and Home Finance Agency has approved the application for an advance of $15,000 to finance the cost of preliminary plans for the Library Building at Southern Oregon College. The filing of the application was authorized by the Board at its June 1964 meeting. Pursuant to the authority that was granted to the Vice Chancellor for Business Affairs to accept such offers at the September 1964 meeting of the Board, it is expected that the offer from the federal government will be accepted as soon as the selection of an architect for the project has been made. The contents of the agreement would be substantially similar to those incorporated as Supplement A to the minutes of the September 14-15, 1964, meeting of the Board.

The Board accepted the report.

At the April 1964 Board meeting, authorization was given to purchase the Mulkey property, formerly identified as 1916-20 S.W. Eleventh Avenue, Portland. The property is needed as part of the site for the Physical Education Building of Portland State College. Involved is land with an area of about 1,200 square feet with contact with a public street at only a point. In consultation with the Executive Committee of the Board, an option has been accepted to buy the property for $800. Restricted funds available for the Physical Education Building project will finance the cost of the land acquisition.

The Board accepted the report.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Wilt properties located within the campus boundaries at 1704, 1712, and 1752 May Street, Corvallis, Oregon. The properties consist of two adjacent parcels totaling approximately 8,000 square feet on which are located three small single family residences which are being rented by the owners. Options have been obtained on each of the two properties in the amounts of $7,500 and $13,200, each of which are in line with appraisals secured by the Board. The properties are in the areas designated for dormitory development and parking facilities, and funds are to be provided from proceeds of bonds which were sold to finance capital outlay for dormitories and other similar projects.

The Board approved the recommendation as presented.
President Flemming, with the concurrence of the Chancellor, recommend that authorization be given to purchase the Huey property located within the campus boundaries at 1760 Villard Street, Eugene, Oregon. The property consists of a lot containing approximately 8,000 square feet on which is located a one-story frame residence. An option has been obtained in the amount of $10,350, which is in line with appraisals secured by the Board. The property is in the area designated for future dormitory development and funds are to be provided from proceeds of bonds which were sold to finance capital outlay for dormitories and other similar projects.

The Board approved the recommendation as presented.

Pursuant to authorization granted by the Board at the September 14-15, 1964 meeting, bids for the sale of the former president's residence, located at 125 North 30th Street, Corvallis, Oregon, were opened in Corvallis on October 6, 1964. Two bids were received in the amounts of $22,565 and $21,213.85, both in excess of the minimum stipulated price of $20,175.00, representing the average value of the Board's appraisals. The successful bidders were Howard M. and Eleanor Wight, who deposited a cashier's check in the amount of 10 percent of their bid. The remainder of the purchase price will be paid upon delivery of the deed on or before November 11, 1964.

The Board accepted the report as presented.

At the March 1964 meeting, the Board authorized the employment of Architects Lutes and Amundson to prepare a long-range plan for Oregon College of Education. Institutional officials and the architects have prepared an outline of the planning assumptions and planning objectives which may be summarized as follows:

1. **Planning Assumptions**

   A. Oregon College of Education is a liberal arts college with special emphasis on the preparation of elementary and secondary teachers and research in teacher education.

   B. To support its special role of leadership in preparing teachers, OCE will continue to develop into a more complete educational institution. It will do this through strengthening and increasing its basic curricula and programs in the arts and sciences, through broadening its offerings in various areas of special education, and through making its instructional and supervisory work more comprehensive.

   C. The basic emphasis will continue to focus on service to undergraduate students, but graduate programs will increase as will the percentage of graduate to undergraduate work. Graduate work will increase principally because of more advanced and more specialized preparation required of the teacher, including the establishment of five-year certification requirements going into effect July 1, 1965.
D. As population in the Willamette Valley increases, greater demands will be made for educational services in the arts and sciences to college age youth with goals other than teaching. These demands will come particularly from Marion and Polk counties and from the coastal and Willamette Valley residents who seek the advantages of a relatively small, state-owned liberal arts college with a resident student body. As a result of these demands, OCE's role as a regional college will be extended.

E. The current ratio of commuting to resident students will remain approximately the same as it is at present.

F. OCE will continue to provide dormitory housing for approximately 40 percent of its students. A limited amount of married student housing will be developed in the future, designed principally for graduate students and developed as appears necessary to supplement private local accommodations.

II. Planning Objectives

A. Because many factors will affect the growth of OCE and because predictions of enrollment for extended periods of time are difficult, an objective will be to prepare a campus plan indicating development in stages to accommodate 2,000, 4,000, and 6,000 students. Each stage will be a point of re-evaluation at which it will be possible to adjust the plan according to conditions evident at that time. It is not presently presumed that at some time in the future the growth of the institution will be stopped at 6,000; the plan will be open ended.

B. To preserve the quality of a small college, a high density of buildings will be maintained within the academic core of the campus. Buildings will not be planned to exceed four stories in height, and all academic use buildings and commuter parking space will be located within a ten-minute walking distance of each other. Certain related campus activities such as housing and some physical education facilities may be accommodated outside this walking distance.

C. Off-street parking for student, faculty, and employee automobiles will be provided by the college. Because of relatively low land costs in and around the campus, this parking can be constructed in stages and on one level. Parking will be provided for dormitory students in such a location as to encourage them to walk to classes. The ratio of automobiles to students and faculty will be one to three.

D. The campus circulation plan will route the automobiles around the periphery of the college, retaining the interior of the campus for pedestrian and service circulation only.
E. All utilities will continue to be located underground.

F. Temporary, structurally inadequate, or educationally inadequate buildings will gradually be replaced as a part of the plan.

G. Residence halls for single students will be located on the north side of the campus peripheral to the academic core.

H. Liaison with Monmouth city officials will be maintained in campus development. Planning with these officials will be carried out which may lead to the ultimate closing of Monmouth Avenue through the campus as well as portions of certain other city streets.

President Rice recommended acceptance of the planning assumptions and planning objectives for the long-range master plan for the development of Oregon College of Education as indicated above. The Chancellor concurred in the recommendations with the understanding that the final phases of the study will be brought to the Board at a subsequent meeting for consideration and action, and with the further understanding that for the purposes of this study a maximum enrollment of 6,000 students would be anticipated at the institution.

The Board approved the recommendations as presented.

In response to a question from the Board, it was indicated that in the campus planning special consideration was given to providing facilities to aid handicapped individuals. Where functional and practicable, ramps will be used in preference to steps to assist the handicapped as well as to encourage bicycle transportation. In addition, some reserved parking will be provided close to buildings for ease of unloading and to minimize walking distance; traffic areas within the buildings will also be designed for the convenience of the handicapped. Special attention to ramp and other arrangements is needed because of the programs offered in the areas of special education related to the handicapped.

The view was also expressed that it would be particularly desirable for members of the Subcommittee on Education of the Legislative Ways and Means Committee during their visits to the State System campuses to inspect the older residence halls, married student housing and academic buildings which are especially unsatisfactory from the standpoint of safety, health, and appearance.

Preliminary Plans for Auditorium (Addition to Library-Commons Building), UAI

Among the capital construction projects for which state funds are requested in biennium 1965-1967, as authorized by the Board at the July 1964 meeting, is an auditorium which would be a one-story addition to the north of the existing Library-Commons Building at Oregon Technical Institute. Architects Skidmore, Owings & Merrill have completed the preliminary planning of this unit and have indicated that within the gross area of approximately 5,400 square feet space would be provided for a foyer, stage, storage, dressing rooms, toilets and a projection booth as well as the auditorium which would seat about 420 persons. In addition to use for class meetings, the
facilities would accommodate chorus and band practice sessions, faculty meetings, conferences, concerts, plays, lectures, and special demonstration programs. A movable partition door, sound insulated, would be provided to divide the auditorium into two self-contained areas of equal size. A sloping floor would be provided to achieve the best possible sight lines to the stage and special acoustical treatment would be given to the walls and ceiling. The structural design would correspond with the existing Library-Commons Building and other campus facilities, utilizing reinforced concrete foundations and columns, with exterior wall surfaces of glass, painted steel and exposed aggregate. Upholstered theater-type chairs with fold-down writing tablet arms would be installed in the auditorium. At some future time, a second floor addition would be constructed for the expansion of the existing commons area.

The estimated cost of the auditorium is $220,000. The direct construction costs are estimated to be approximately $185,500, or $34.35 per square foot, including the fixed equipment (seating, stage curtain and lighting, folding partitions, etc.)

With the concurrence of the Chancellor, President Purvine recommended that the preliminary plans for the proposed auditorium (addition to the Library-Commons Building) at Oregon Technical Institute be approved and that the capital construction program for 1965-1967 be amended to reflect the revised cost estimate of $220,000 rather than the earlier estimate of $165,000.

The Board approved the recommendations as presented.

In the discussion it was pointed out that the proposed auditorium would provide an intermediate size assembly room with a capacity of 420 which would be between that of the largest classroom which holds 60 students and the main floor of the Physical Education Building which can be set up for 2,000. It would provide the smaller auditorium needs through the total anticipated enrollment for Oregon Technical Institute and would also serve several instructional purposes.

The possible establishment of a community college program in the Klamath Falls area was discussed with reference to transfer programs which might be developed in cooperation with Oregon Technical Institute and the probable effect on enrollment at OTI. It was stated that lower-division college courses were being offered on the OTI campus during the evening through the Division of Continuing Education in order to obtain some assessment of the actual local interest in a transfer program.

In response to a question about the possibility of OTI's developing into a liberal arts college, it was indicated that an adjunct community college with lower-division transfer courses would be compatible with the present concept of Oregon Technical Institute but that it would not be defensible to change the nature of the institution into that of a liberal arts college.
President Purvine briefly described some of the possible directions which might be considered in the development of a cooperative program with a community college. It was indicated that further study and discussion would be made of the educational needs in the Klamath Falls area and that additional reports and recommendations would be considered with the Board as the study progresses.

Additional Site Improvements in or Adjacent to Urban Renewal Project Area, UO

The Urban Renewal Agency of the City of Eugene has additional funds of $44,000 available from the Housing and Home Finance Agency to assist in the completion of landscaping and other site improvements, including sidewalks, streets, sewers, lighting, underground sprinkling system, etc., within the East Campus Urban Renewal project area, contingent upon increased participation by the Board. The additional costs chargeable to the Board would be in the amount of $15,000, thereby involving a total project cost of $59,000.

In addition to the indicated work, it is desirable to undertake simultaneously other improvements in and adjacent to the approved project area with the entire cost thereof to be borne by the University, as follows:

Landscaping at the northeast corner of Fifteenth and Agate Streets, including underground sprinklers, walkways, plantings, etc. $17,975

Extension of the existing utility tunnel under Fifteenth Street to the south side thereof, a distance of about 79 lineal feet, between Agate and Moss Streets 5,000

Sewer extensions under and to the south of Fifteenth Street for approximately 100 lineal feet, between Agate and Moss Streets 2,500

It is intended that the landscaping program for both the $59,000 item and the $17,975 would be based upon plans and specifications to be prepared by a landscape architect, subject to the approval of the University and the Urban Renewal Agency. The indicated work would be contracted by the Urban Renewal Agency or the University.

With the concurrence of the Chancellor, President Flemming recommended that the appropriate Board officials be authorized to enter into such agreements with the City of Eugene Urban Renewal Agency and others as may be required to expand the scope of the University of Oregon East Campus Urban Renewal project for additional landscaping and other site improvement work and other related work which can be performed advantageously at an estimated total cost of $84,475. Funds in the amount of approximately $44,000 would be provided by the Urban Renewal Agency and the remainder, or about $40,475, would be provided from restricted balances available to the institution. It was further recommended that the appropriate Board officials be authorized to petition for the vacating of Fifteenth Avenue between Agate and Moss Streets.

The Board approved the recommendations as presented.
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Purchase of Walters Property, OSU

Oregon State University has been acquiring property in Block 12, Avery & Wells Addition, City of Corvallis, bounded by May Street, Eighteenth Street, A Street, and Nineteenth Street, within the campus boundaries, for future dormitory development. An option has been secured from Lloyd and Jean Walters to obtain their improved property located in said block at 629 South Nineteenth Street for $8,750, which is in line with the appraisals of the State. The land site is approximately 5,000 square feet on which is located a frame residence.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the property with funds to be provided from the proceeds of bonds which were sold to finance capital outlay for dormitory and other similar projects.

The Board approved the recommendation as presented.

Purchase of Pyle Property, OSU

Oregon State University has been acquiring property in Block 12, Avery & Wells Addition, City of Corvallis, bounded by May Street, Eighteenth Street, A Street and Nineteenth Street, within the campus boundaries, for future dormitory development. An option has been secured from Glenn and Marian Pyle to obtain their improved property located in said block at 610 South Eighteenth Street for $10,750, which is in line with the appraisals of the State. The land site is approximately 5,000 square feet on which is located a four-bedroom frame dwelling.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the property with funds to be provided from the proceeds of bonds which were sold to finance capital outlay for dormitory and other similar projects.

The Board approved the recommendation as presented.

Report of Acquisition of the Koumarellos Property, PSC

At its meeting of October 28-29, 1963, the Board authorized the acquisition for Portland State College of the Koumarellos property located at 930 S.W. Hall Street needed as part of the site of the Physical Education Building. Pursuant to the final decree of the Circuit Court of Multnomah County, the property was acquired for $25,000 plus costs and attorney's fees. Funds are to be provided from the appropriation for acquisition of sites and construction of the Physical Education Building.

The Board accepted the report.

Budget Revision for Rehabilitation of Gymnasium Floor, OCE

As part of the plant rehabilitation program for 1964-65, approved by the Board on June 9, 1964, funds in the amount of $10,229 were made available to Oregon College of Education for the replacement of the gymnasium floor and the renovation of offices within the Physical Education Building. An additional $4,000 was allocated for floor repairs in the campus elementary school. Plans and specifications for the new gymnasium floor were prepared by Architects Annand & Boone of Portland and bids were received August 13. A contract award was made to the low bidder, Union Floor Co., Inc., Portland, in the
amount of $8,028. When the contractor began his work and had removed the old flooring, it was determined that the subflooring was not adequate and would need to have a new plywood base before the new maple floor was installed. The estimated additional cost thereof was approximately $1,280.

With the concurrence of the Chancellor, President Rice recommended that the maximum expenditure limitation for the replacement of the gymnasium floor at Oregon College of Education be increased from $10,229 to approximately $11,500 with the understanding that the additional funds required would be transferred from savings realized in completing the rehabilitation work approved for the campus elementary school. It was also recommended that the scope of the work to be undertaken at the campus elementary school be enlarged to include the replacement of a portion of the fire alarm system which is no longer reliable. The necessary funds would be provided from the allocation of $4,000 authorized by the Board for other alterations work in the campus elementary school buildings.

The Board approved the recommendations as presented.

Accepted by:

[Signature]

Acceptance of Final Plans for Physical Education Building, PSC

Portland State College officials have advised that Architects Wolff & Zimmer will complete the final plans and specifications for the proposed Physical Education Building within the next few days. Since these plans are expected to be in substantial agreement with the preliminary plans which were approved by the Board on April 23, 1963, President Miller, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to acknowledge the acceptance thereof, solicit bids and award construction contracts within the maximum expenditure limitation of $3,590,000. This amount represents the sum of $3,400,000 contained in Chapter 548, Oregon Laws 1963 (state funds), and $190,000 authorized by Chapter 615, Oregon Laws 1963 (self-liquidating bonds and/or other restricted funds). The awarding of construction contracts would not be made until the City of Portland formally approves the vacation of the streets which constitute a portion of the project site. Application for such vacation has been filed with the city, and it is anticipated that the vacation proceedings will be concluded prior to the opening of bids for construction, tentatively scheduled for December 3, 1964.

The Board approved the recommendations as presented.

Pursuant to authorization granted by the Board at the September 1964 meeting, bids were received in Eugene on October 9, 1964, for the proposed First Addition and Alterations to the Library Building at the University of Oregon, summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>$1,067,532</td>
<td>$1,116,200</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>211,133</td>
<td>257,143</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>209,117</td>
<td>237,027</td>
</tr>
</tbody>
</table>
Inasmuch as the sum of the lowest bids was somewhat lower than the estimate and cost allowance to Architects Hamlin & Martin, contract awards were made and the following budget was approved for the project:

**Direct Construction Costs:**
- General Work - Paul B. Emerick Co., Portland $1,067,532
- Mechanical Work - Temp-Control Corporation, Portland 211,133

Direct construction cost $1,487,782

- Architects and engineering fees 84,508
- Furnishings and equipment, including stacks 321,384
- Air cooling (including fees and contingencies) 81,950
- Provision for temporary fire exits in existing building (to permit continuation of "open stack" program during construction period) 20,000
- Physical plant expenses, including construction supervision and site work 49,620
- Contingencies (2% of direct construction costs) 29,756

**Total project cost** $2,075,000

The project would be financed from Series 1964 general obligation bonds.

As contemplated by the Board action on September 14, 1964, the project includes partitions for temporary offices for about 142 staff members, principally graduate assistants. Assuming that this area would be used for offices for a five-year period, when it is expected that the space would be needed for library purposes, the direct construction cost of $62,948 (quoted by the low bidders and included in the contract awards) would average approximately $88.66 per year per office station, or about $1.02 per square foot per year.

Based upon a gross area of the new addition of 105,650 square feet, and recognizing that approximately $200,000 is applicable to the remodeling planned within the existing building, the direct construction costs average $12.19 per square feet for the new space, excluding the requirements for air cooling. Pending a decision concerning the installation of central cooling equipment in the campus heating and power plant, the bid alternate for air cooling in the Library is being deferred but provision for air cooling has been included in the project budget.

The Board accepted the report as presented.

**Appointment of Architects for First Addition to Library Building, OSU**

Upon the recommendation of President Jensen, Architects Hamlin & Martin of Eugene are being commissioned to prepare plans and specifications for the First Addition to the Library Building at Oregon State University. This project, estimated to cost $1,315,000, is included in the Board's capital construction program to be requested of the 1965 Legislature. When the plans were prepared by this same architectural firm for the initial unit, recently completed, provision was made for the future construction of two additional floors, plus mechanical space on the roof, for a gross area of approximately 59,720 square feet.
Contract arrangements with Architects Hamlin & Martin contemplate professional service fees of 5.5 percent of the estimated direct construction costs of $1,007,000, including 1.0 percent for the preparation of preliminary plans. Funds for the preliminary planning have been requested from the Housing and Home Finance Agency of the federal government.

The Board accepted the report as presented.

Oregon State University has been acquiring property in Block 12, Avery & Wells Addition, City of Corvallis, bounded by May Street, Eighteenth Street, A Street and Nineteenth Street, within the campus boundaries, for future dormitory development. An option has been secured from Philip and Gertrude M. Jacob to obtain their improved property located in said block at 644 South Eighteenth Street for $9,200, which is in line with the appraisals of the State. The land site is approximately 5,000 square feet on which is located a frame duplex.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the property with funds to be provided from the proceeds of bonds which were sold to finance capital outlay for dormitory and other similar projects.

The Board approved the recommendation as presented.

On June 24, 1964, the Finance Committee of the Board, with other Board members present, considered as part of the general biennial budget plan, a program to bring the average salaries of the academic staffs during biennium 1965-1967 up to the same level, relative to the salaries in twenty state universities and colleges, as in the year 1957-58. The information in the chart which follows on a separate page shows that in order to reach the 1957-58 level of comparison with the other state institutions, the average salaries for academic-year teaching staffs at the University of Oregon and Oregon State University would need to rise from $9,693 to $10,631 in year 1965-66 and from $10,631 to $11,659 in year 1966-67.
A second salary adjustment plan considered by the Finance Committee would bring the average salaries of academic-year staff half of the way toward the 1957-58 level, relative to salaries for the same twenty state universities and colleges. Plan II would raise the average salaries for academic-year teaching staffs of the University of Oregon and Oregon State University from $9,693 to $10,420 in year 1965-66 and from $10,420 to $11,202 in year 1966-67. On the attached chart the lower line projected from year 1964-65 through 1966-67 shows how these salaries would compare with the projected average salaries in the twenty state universities.

It will be noted in the attached chart that the trend of average salaries in the twenty state universities during the past six years has been extended into the next biennium. This method of estimating future salaries in the twenty institutions has proved to be reliable during the past few years.

The typical teaching staff member who has reached the present average salary of $9,693 has had seven or more years of university or college training, has received his doctor's degree, and has had ten or more years of successful teaching experience. Recent experience indicates that qualified teachers who do not receive adequate salaries can and do find opportunities at other institutions where salary scales are more nearly adequate. Teachers in many fields also receive attractive offers of careers in industry and in government service. The great demand for qualified teachers makes it necessary to maintain a competitive salary scale if adequate staffs are to be retained.
Composite Annual Salary Averages of the Four Ranks of Teaching Staff (Instructor through Professor)
Actual for Years 1957-58 through 1964-65 and Estimated for Years 1965-66 through 1966-67
U of O and OSU Compared with 20 State Universities with which Oregon Regularly Compares Salary Averages
Showing Salary Rates Required for U of O and OSU Combined during Years 1965-66 and 1966-67, if Oregon
is to Regain its Salary Position of 1957-58 in Relation to the Average Salary for the 20 Institutions

Note: The figures in parentheses between the two lines on the chart represent the % of U of O
and OSU salaries combined are of the composite average salaries of the 20 institutions.

Note: To achieve the effective salary rates of $10,631 for year 1965-66 and $11,659 for year 1966-67, it would be
necessary to provide a salary increase fund of 10.6% the first year and a further fund of 10.6% the second year.
The salary adjustment funds of 10.6% and 10.6% would allow for the depressing effect of appointments of new
added staff near the lower ends of the salary ranges in the various ranks.
The biennial budget as approved by the Board on September 15, 1964, includes amounts aggregating $2,357,735 for one-step adjustments during biennium 1965-1967 to maintain the present pay scale for academic staff in accordance with budget instructions to all state departments from the State Department of Finance. The additional cost to state funds to provide a salary improvement fund during biennium 1965-1967 under Plans I and II would be as follows:

**Plan I**

**Summary of Estimated Cost to State Funds of Salary Adjustments for Academic Staff To Restore the 1957-58 Position in Salary Averages, Relative to the Salary Averages in 20 State Universities with which Salaries Have Been Regularly Compared**

<table>
<thead>
<tr>
<th>Total Biennial Cost Estimated</th>
<th>Amount Included in &quot;A&quot; Budget to Maintain Present Salary Scale</th>
<th>Amount Required in Salary Improvement Fund, Estimated</th>
<th>Additional Amount Required for Payroll Assessments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction, Related Research and General Services</td>
<td>$9,255,094</td>
<td>$1,937,561</td>
<td>$7,317,533</td>
</tr>
<tr>
<td>Teaching Hospitals and Clinics, UOMS</td>
<td>38,723</td>
<td>8,110</td>
<td>30,613</td>
</tr>
<tr>
<td>Tuberculosis Hospitals, UOMS</td>
<td>31,224</td>
<td>4,263</td>
<td>26,961</td>
</tr>
<tr>
<td>Crippled Children's Division, UOMS</td>
<td>46,673</td>
<td>8,478</td>
<td>38,195</td>
</tr>
<tr>
<td>Dental Clinics, UODS (Financed from patient fees)</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Federal Cooperative Extension, OSU</td>
<td>782,432</td>
<td>202,297</td>
<td>580,135</td>
</tr>
<tr>
<td>Agricultural Experiment Stations, OSU</td>
<td>770,568</td>
<td>197,026</td>
<td>573,542</td>
</tr>
<tr>
<td>Total Cost to State Funds, Estimated</td>
<td>$10,924,714</td>
<td>$2,357,735</td>
<td>$8,566,979</td>
</tr>
</tbody>
</table>

Percent adjustments represented in above amounts to maintain present salary scale and to provide salary improvement fund:

- **Year 1965-66**: 10.60% 3.50% 7.10%
- **Year 1966-67**: 10.60% 0.23% 10.37%
### Summary of Estimated Cost to State Funds of Salary Adjustments for Academic Staff to Bring Salary Averages Half Way from the Present Position to the 1957-58 Position, Relative to the Salary Averages in 20 State Universities with which Salaries Have Been Regularly Compared

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Total Biennial Cost Estimated</th>
<th>Amount Included in &quot;A&quot; Budget to Maintain Present Salary Scale</th>
<th>Amount Required in Salary Improvement Fund, Estimated</th>
<th>Additional Amount Required for Payroll Assessments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction, Related Research and General Services</td>
<td>$7,283,558</td>
<td>$1,937,561</td>
<td>$5,345,997</td>
<td>$175,884</td>
</tr>
<tr>
<td>Teaching Hospitals and Clinics</td>
<td>30,470</td>
<td>8,110</td>
<td>22,360</td>
<td>735</td>
</tr>
<tr>
<td>Tuberculosis Hospitals, UOMS</td>
<td>24,567</td>
<td>4,263</td>
<td>20,304</td>
<td>668</td>
</tr>
<tr>
<td>Crippled Children's Division, UOMS</td>
<td>36,724</td>
<td>8,478</td>
<td>28,246</td>
<td>929</td>
</tr>
<tr>
<td>Dental Clinics, UODS (Financed from patient fees)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Federal Cooperative Extension, OSU</td>
<td>615,649</td>
<td>202,297</td>
<td>413,352</td>
<td>2,893</td>
</tr>
<tr>
<td>Agricultural Experiment Stations, OSU</td>
<td>606,314</td>
<td>197,026</td>
<td>409,288</td>
<td>13,466</td>
</tr>
<tr>
<td><strong>Total Cost to State Funds, Estimated</strong></td>
<td><strong>$8,597,282</strong></td>
<td><strong>$2,357,735</strong></td>
<td><strong>$6,239,547</strong></td>
<td><strong>$194,575</strong></td>
</tr>
</tbody>
</table>

Percent adjustments represented in above amounts to maintain present salary scale and to provide salary improvement fund:

- **Year 1965-66**: 8.40% 3.50% 4.90%
- **Year 1966-67**: 8.40% .23% 8.17%

Salary adjustments in activities financed entirely from gifts and grants or from other non-state funds are not included above. Any approved salary adjustments in such activities will be financed from nonstate funds, if funds are available for that purpose.
In order that qualified staff members may be recruited and retained in Oregon's universities and colleges, it was recommended that the salary improvement program outlined in Plan I on the preceding page be approved by the Board and that the appropriate Board officers be instructed to forward the recommendation and the estimated cost of the salary improvement plan to the Governor and to the State Department of Finance and Administration.

It was understood that a recommended plan for salary improvement for the classified civil service staffs in all state departments will be presented to the Governor and to the State Department of Finance and Administration by the State Civil Service Commission. It was further understood that the plan to be presented by the State Civil Service Commission would be designed to place the salary scales for classified staff on a level which would be comparable to salary scales for similar types of service in industry, in the federal government service, and in the professions. Since it is important to the institutions in the Oregon State System of Higher Education that they be able to employ and retain qualified classified civil service staff members, it was recommended that the Board endorse in general a program which will provide an adequate pay scale for the classified civil service staff.

It was pointed out in the discussion that when the salary levels are not competitive institutional executives find it difficult to retain key personnel or maintain the quality of their faculties in selecting new people. Institutional executives expressed the view that many staff members had remained during the last biennium because of loyalty to the institutions and their confidence in the desire of the State System to improve the salary levels, but that they could not expect this loyalty to continue under prolonged adverse salary conditions.

Institutional executives indicated that non-salary benefits were almost equally important with salary increases in retaining and recruiting staff, and Board members expressed the opinion that non-salary benefits should be restudied with the hope that improvements might be made. The Chancellor indicated that currently the central Board's Office staff is developing proposed programs to expand fringe benefits.

In the discussion, the institutional executives mentioned the following additional effects of an unfavorable salary position:

1. In many instances the institutions are competing with industry as well as with colleges and universities, and industry frequently offers much higher salaries and greater non-salary benefits than educational institutions.

2. In order to stay within the salary funds available, the institutions tend to hire a large proportion of their staff at the lower academic ranks and thus lose the educational leadership which they need and would obtain from associate professors and professors with greater training and experience.
3. In securing replacements, it is often necessary either to hire faculty with less experience and training in order to stay at the same salary, or to pay a higher salary to obtain the same training and experience.

4. When institutional executives attempt to meet in part, or to the extent of their resources, outside offers for employment of key staff members, it may be possible to retain the staff member but inequities are created in relationship to his fellow staff members. Existing salary scales are thrown out of line.

The Board accepted the report, adopted the academic staff improvement program outlined in Plan I, and endorsed in general the salary improvement program for classified employees to be recommended by the State Civil Service Commission for all State Civil Service employees.

Proposed Operating Budget Adjustments To Care for 1964 Fall Term Enrollments

As indicated in the tabulation on the following page, final estimated enrollments for the fall term of academic year 1964-65 compared with enrollments estimated in the budget are as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Estimated Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total head count enrollments estimated in 1964-65 budget for fall term</td>
<td>36,424</td>
</tr>
<tr>
<td>Estimated final total enrollments, fall term 1964-65, subject to minor adjustment for late admissions by petition</td>
<td>36,288</td>
</tr>
<tr>
<td>Number of total enrollments less than estimated in budget (4.10 of 1 percent)</td>
<td>136</td>
</tr>
</tbody>
</table>

The totals of the proposed budget adjustments related to student enrollments, as shown on the attached summary, are as follows:

- Reduction in student fee income estimates for year 1964-65 resulting principally from the fact that enrollments of nonresident students are less by 352 than the number estimated in the budget; (resident students are greater by 216 than estimated in the budget) $234,996
- Proposed net increases in institutional operating budgets resulting from the shifts in enrollments 11,189
- Net reduction in Board’s Unappropriated Fund resulting from above proposed budget adjustments $246,185

The Chancellor recommended that the above budget adjustments be approved by the Board as a result of the slight underrealization of total student enrollments below the budget estimated and the underrealization of 352 in enrollments of nonresident students.

The Board approved the recommendation as presented.
OREGON STATE SYSTEM OF HIGHER EDUCATION

Proposed 1964-65 Operating Budget Adjustments which are Required Because of Fall 1964 Student Enrollments Greater or Less than Estimated in 1964-65 Annual Budget

<table>
<thead>
<tr>
<th>Inst.</th>
<th>Estimated in Budget</th>
<th>Estimated Final Total as of this Date</th>
<th>Number Over or (Under) Budget Estimate</th>
<th>Resulting Increase or (Decr.) in Estimated Fee Income</th>
<th>FTE Students, Over or (Under)</th>
<th>Budget Addition or (Reduction) per FTE Student</th>
<th>Amount of Proposed Budget Addition or (Reduction)</th>
<th>Amount Required from Board's Unappropriated Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>U of O</td>
<td>10,525</td>
<td>10,675</td>
<td>380 (230) 150</td>
<td>($82,800)</td>
<td>137</td>
<td>$400</td>
<td>$54,800</td>
<td>$137,600</td>
</tr>
<tr>
<td>OSU</td>
<td>10,963</td>
<td>10,532</td>
<td>(254) (177) (431)</td>
<td>(184,560)</td>
<td>(120)</td>
<td>(240)</td>
<td>(100,800)</td>
<td>83,760</td>
</tr>
<tr>
<td>PSC</td>
<td>7,580</td>
<td>7,530</td>
<td>(46) (4) (50)</td>
<td>(18,690)</td>
<td>(41)</td>
<td>(240)</td>
<td>(9,840)</td>
<td>8,850</td>
</tr>
<tr>
<td>OCE</td>
<td>1,524</td>
<td>1,680</td>
<td>123 33 156</td>
<td>33,480</td>
<td>110*</td>
<td>400</td>
<td>44,000</td>
<td>10,520</td>
</tr>
<tr>
<td>SOC</td>
<td>2,496</td>
<td>2,472</td>
<td>(34) 10 (24)</td>
<td>(1,935)</td>
<td>(22)</td>
<td>+</td>
<td>(1,935)</td>
<td>-</td>
</tr>
<tr>
<td>EOC</td>
<td>1,201</td>
<td>1,203</td>
<td>(8) 10 2</td>
<td>2,550</td>
<td>2</td>
<td>400</td>
<td>800</td>
<td>(1,750)</td>
</tr>
<tr>
<td>UOMS</td>
<td>767</td>
<td>763</td>
<td>(4) - (4)</td>
<td>-</td>
<td>(4)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>UODS</td>
<td>390</td>
<td>393</td>
<td>3 - 3</td>
<td>1,764</td>
<td>3</td>
<td>#</td>
<td>1,764</td>
<td>-</td>
</tr>
<tr>
<td>OTI</td>
<td>978</td>
<td>1,040</td>
<td>56 6 62</td>
<td>15,195</td>
<td>56</td>
<td>400</td>
<td>22,400</td>
<td>7,205</td>
</tr>
<tr>
<td>Totals</td>
<td>36,424</td>
<td>36,288</td>
<td>216 (352) (133)</td>
<td>($234,996)</td>
<td>(179)</td>
<td>$11,189</td>
<td>$246,185</td>
<td></td>
</tr>
</tbody>
</table>

* FTE for OCE reflects fact that 40% of the head-count enrollment increase were part-time in-service teachers.
+ SOC budget decrease is equal to estimated underrealization of student fee income.
# Dental School budget increase is equal to estimated increase in fee income, in recognition of higher operating costs per student.

October 19, 1964
Mr. Frank E. Lucas of Burlingame, California, appeared before the Board to request that the classification of his son Joseph Lucas be changed from that of a nonresident to a resident of Oregon and that the out-of-state fees assessed him at the University of Oregon be refunded retroactive to the beginning of the 1963-64 academic year. It was explained that Mr. Lucas was appealing to the Board because his son's application for residence classification was denied on two occasions by the State System Interinstitutional Committee on Residence Classification.

Mr. Lucas reviewed his son's activities with relation to his residence, with particular reference to the period beginning with the summer of 1963 when the family moved to California from Pendleton where they had resided for many years. He stated that Joseph had resided continuously in Oregon from birth, had been over twenty-one years of age at the time of his parents' move to California, and that his son had not established a domicile in California. He indicated that Joseph had been away from Oregon during the summers of 1963 and 1964 on a family vacation trip to Mexico, to assist his family in moving to California, and to accept summer employment which he had been unable to obtain in Oregon. In conclusion, Mr. Lucas contended that Joseph had retained his legal residence in Oregon and had not established residence in California. It was on this basis that Mr. Lucas requested that Joseph's classification at the University of Oregon be changed from that of a nonresident to that of a resident of Oregon retroactive to the fall term of 1963.

The Board asked Mr. Lucas a number of questions regarding his son's future academic and professional plans, voter registration and other details that bear on Joseph's residence. At the end of the discussion, President Holloway informed Mr. Lucas that the Board would consider the factors involved and would give him a decision the following day during the regular Board meeting.

The Administrative Code Section C-7-C, subsections 8 through 10, adopted at the March 1954 Board meeting outlines policies for charges for professional care of patients in hospitals. Subsequent to the later Board meeting of October 23, 1956, outlining modified policies, the Medical School has been following the latter, but the Administrative Code was not changed.

Dean Baird, with the concurrence of the Chancellor, therefore recommended that subsections 8, 9, and 10 of C-7-C be repealed, and that a new subsection 8 be provided as follows:

(8) **Charges for Professional Medical Services in Hospitals.**

"Some patients admitted to the hospitals will be found able to pay the costs of all or part of their medical service in addition to paying for all or part of their hospital service. In such instances the faculty member in charge of the care of the patient may assess a fee for this service if he wishes. The Board recognizes the prerogative of any physician to render his services to a patient without charge if he wishes to do so. Each bill so
rendered is to be accompanied by a statement signed by the faculty member directing the patient to make payment directly to the Medical Research Foundation of Oregon. Funds collected from this source will be used for medical research at the University of Oregon Medical School.

"To the extent deemed practical by the Medical School, application of payments by or on behalf of the patients shall be for full payment of hospital charges, then for medical services."

The Board approved the recommendation as presented.

President Millar has advised that the Portland State Co-operative Association now occupies, under a lease arrangement, approximately 4,575 square feet in the College Center Building. This lease is scheduled to expire on June 30, 1965.

The Co-operative Association desires at this time to enter into a lease agreement so that they can properly plan and allocate funds for proposed expansion in the new addition of the College Center Building. Essential features of the new lease would provide that:

1. The lease would become effective November 1, 1964, and terminate on June 30, 1968.

2. The area to be occupied upon completion of the addition to the College Center would amount to approximately 12,540 square feet. During the rush period at the beginning of each term, the Co-operative may be allowed the temporary use of added space.

3. Rental amount, including utilities, would be computed at the rate of 3 percent of net sales as at present. Beginning July 1, 1965, the minimum annual rental would be $20,160.

4. In the event that real property taxes are assessed on the space occupied by the Association, the amount of such taxes would be paid by the lessee in addition to the specified rental.

5. The Co-operative would charge list prices suggested by publishers or manufacturers, except as dictated by normal business practices or in response to competitive efforts of other bookstores in the competitive area. The Co-operative also would follow rebate practices consistent with similar cooperative stores.

President Millar, with the concurrence of the Chancellor, recommended that appropriate Board officers be authorized to execute the lease along the lines indicated.

The Board approved the recommendation as presented.
Dean Baird reported that for a number of years sales of books, instruments and supplies needed by medical students have been made by selected medical students on a part-time basis operating in Medical School space. Net sales for the 1963-64 year amounted to approximately $86,000. The Medical School now desires to enter into a lease with Stanley J. Huber and Thomas Walter Friedland for the year ending June 30, 1965. The rented space involves an area of approximately 473 square feet in the Medical Science Building. The Medical School will supply the necessary janitorial service, heat, electricity, and maintenance. The lessees will pay rental in an amount equal to two percent of net sales.

Dean Baird, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to execute the lease.

The Board approved the recommendation as presented.

President Flemming has advised that the University of Oregon Co-operative Store desires to renew the lease for approximately 7,000 square feet of space occupied on the ground floor level of Chapman Hall. The lease for the space expired on August 31, 1964. The Co-operative operates another store at 13th and Kincaid Streets, Eugene, to which space will be added during the current fiscal year, but will need the space on the campus until September 1965. Essential features of the renewal lease would provide that:

1. The lease would be for the period September 1, 1964, through August 31, 1965.

2. The area to be occupied would remain approximately 7,000 square feet on the ground-floor level of Chapman Hall.

3. The rental amount, exclusive of utilities, would be computed at the rate of 2.5 percent of net sales as at present. Minimum monthly rental, however, would be $1,000.

4. Utilities would be provided by the University physical plant and charged to the Co-operative on the same basis as auxiliary activities are charged for utilities.

5. In the event that real property taxes are assessed on the space occupied by the Co-operative, the amount of such taxes would be paid by the lessee in addition to the specified rental.

President Flemming, with the concurrence of the Chancellor, recommended that appropriate Board officers be authorized to execute the lease along the lines indicated.

The Board approved the recommendation as presented.
The Board is trustee of the Ion Lewis Scholarship Fund, the income from which provides travel scholarships for advanced students in architecture at the University of Oregon. The awards are to be made by a managing committee of three members. The appointments of the three members of the committee are subject to approval of the State Board of Higher Education.

The following nominations have been submitted for two persons whose appointment to membership on the committee requires action at this time:

1. Everett B. Franks, A.I.A., transferred from the two-year term to a four-year term extending from September 1, 1964, through August 31, 1968.

2. Mr. Jack Stafford, A.I.A., nominated by the Oregon Council of Architects for the two-year period through October 2, 1966.

The Council recommended also that both of these terms henceforth be four-year terms, one from September 1964 through September 1968, and at the end of the present two-year term which expires on October 2, 1966, that the latter term be extended to a four-year term running from September 1966 through August of 1970.

The Chancellor recommends that the State Board of Higher Education approve and appoint the indicated nominees as members of the Managing Committee of the Ion Lewis Scholarship in Architecture and also that both of the terms involved be changed to four-year terms, effective in September of 1966.

The Board approved the recommendation as presented.
In the summer of 1963, the Board approved a Joint Campus Program, to become operative in the fall term 1963.

The Plan was designed to promote a fuller use of the varied State System resources by graduate students of the State System, initially students at the two universities and Oregon College of Education, which institutions are located in close proximity to each other.

The following report was presented by Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, to illustrate the operation of this program in a specific field—Speech Pathology and Audiology.

Seven doctoral candidates have been admitted into the joint doctoral program in Speech Pathology and Audiology, a program involving the resources of the University of Oregon (Eugene campus), the University of Oregon Medical School, and the administrative resources of the Division of Continuing Education.

Each of these doctoral students is under the general supervision of a doctoral advisory committee consisting of five staff members—two from the Department of Speech on the Eugene campus of the University of Oregon, two from the Speech and Hearing Clinic of the Crippled Children's Division of the Medical School, and the fifth member selected from either of the foregoing two divisions, depending upon the specific qualities needed on the committee.

The combined resources of the Eugene campus and the Medical School are open to these students. In the fall term of 1964, five of these seven students are enrolled in full-time programs, one in a part-time program, and one is not taking any work. Of the five full-time students, four are taking a full program in Portland, utilizing the resources of the Medical School and University-approved courses in Portland through the administrative resources of the Division of Continuing Education. The fifth full-time student is taking a full-time program on the Eugene campus this term. The student with a part-time program is enrolled in Portland in courses at the Medical School.

All of these students enrolled in this joint program, wherever they are taking their course work in any given term, register and pay their fees on the Eugene campus of the University. They are admitted to courses in Portland at the Medical School or through the Division of Continuing Education, on the authorization of the campus coordinator (Dr. Kenneth Wood, Director of the Speech and Hearing Clinic at the University of Oregon), who communicates with the instructor of each of these courses, certifying that these students are duly registered on the Eugene campus for the course or courses in Portland.

At the conclusion of the term's work in Portland, the campus coordinator (Dr. Wood) will receive from the campus registrar the grade report forms which he (Dr. Wood) will then forward to the Portland instructors. The instructors will fill in the appropriate grade for the course and return to the campus coordinator who then, in turn, reports the grades to the campus registrar.
This arrangement, which may at first glance seem complicated, appears to have the following advantages.

1. It ensures that the students may take advantage of the Joint Campus program arrangements within the State System only if his advisory committee recommends such participation and makes specific arrangements therefor. This assures that the resources of the Joint Campus Program are always available to students, but that they are used on a well-planned, systematic basis, rather than in an uncontrolled manner.

2. It provides the institution offering the degree with the assurance which it finds comforting that its own staff counts the work taken off the home campus to be of a high caliber.

3. It provides for easy communication between the registrar on the home campus and the instructors who may be members of other institutional faculties, since the contact, insofar as grades are concerned, is between the registrar on the home campus and the campus coordinator for the program. Thus, the coordinator assumes the responsibility for securing the grades from the appropriate instructors and for certifying them to the registrar.

It may be that some changes in these arrangements may be necessary or useful, as we gain experience with this program. But such changes can readily be made with no real inconvenience.

Since the registration and other fees are in this case paid in Eugene, the representatives of the University of Oregon (Eugene campus), the University of Oregon Medical School, and the Division of Continuing Education will determine how these fees may most usefully be divided among the three agencies involved in this joint program.

This particular Joint Campus Program has excited sufficient interest that the Public Health Service has made a grant for the program. The grant is administered by Dr. Harold S. Lillywhite, Director of the Speech and Hearing Clinic of the Crippled Children's Division of the Medical School and Dr. Kenneth S. Wood, Director of the Speech and Hearing Clinic on the Eugene campus of the University of Oregon, who are the two coordinators of this Joint Campus Program. The grant consists of funds for five years as follows: 1964-65, $52,094; 1965-66, $59,620; 1966-67, $79,508; 1967-68, $72,880; 1968-69, $83,387.

The Board accepted the report as presented.
At the conclusion of the discussion of the three bookstore leases, Dr. Miller commented on the provisions in the leases with particular reference to competitive selling prices as provided for under Item 5 in the report of the Portland State College lease which was designed to protect private enterprise in the competitive Portland area. He expressed the opinion that a restriction of this sort presented an element of inflexibility which gives shelter to a privately-operated bookstore, but does not tend to encourage usual retail practices which might allow students to benefit from competition. He suggested that the ideal situation might be similar to the one occurring at the University of Oregon where the cooperative bookstore is leaving the campus and thus is not a University enterprise.

Budget Increase

President Jensen reported an increase in estimated funds available to the Agricultural Experiment Stations and recommended an increase in the expenditures authorized for year 1964-65 as follows:

Estimated additional funds available for year 1964-65:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net increase in Gifts, Grants and Contracts (to be reported in Gifts and Grants section of the docket)</td>
<td>$ 92,341</td>
</tr>
<tr>
<td>Decrease in estimated Experiment Station service fees</td>
<td>( 6,500)</td>
</tr>
<tr>
<td>Increase in estimated Forestry Science gifts</td>
<td>34,989</td>
</tr>
<tr>
<td>Decrease in Forest Research Laboratory fees</td>
<td>( 1,056)</td>
</tr>
<tr>
<td>Net increase in estimated federal funds for Title II Research - Marketing</td>
<td>2,700</td>
</tr>
<tr>
<td>Funds from unexpended balances carried forward from prior years</td>
<td>7,652</td>
</tr>
<tr>
<td><strong>Total estimated increase in available funds</strong></td>
<td><strong>$ 130,126</strong></td>
</tr>
</tbody>
</table>

Proposed increases in expenditures for year 1964-65:

<table>
<thead>
<tr>
<th>Department</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils</td>
<td>$ 41,563</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>10,450</td>
</tr>
<tr>
<td>Fish and Game Management</td>
<td>8,406</td>
</tr>
<tr>
<td>Horticulture</td>
<td>440</td>
</tr>
<tr>
<td>Botany and Plant Pathology</td>
<td>4,682</td>
</tr>
<tr>
<td>Animal Science</td>
<td>760</td>
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<tr>
<td>Entomology</td>
<td>7,165</td>
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<tr>
<td>Agricultural Chemistry (decrease)</td>
<td>( 6,500)</td>
</tr>
<tr>
<td>Microbiology</td>
<td>5,260</td>
</tr>
<tr>
<td>Forestry Science Research</td>
<td>34,989</td>
</tr>
<tr>
<td>Forest Research Laboratory (decrease)</td>
<td>( 1,056)</td>
</tr>
<tr>
<td>Statistics (decrease)</td>
<td>( 1,500)</td>
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<tr>
<td>Home Economics</td>
<td>3,000</td>
</tr>
<tr>
<td>Farm Crops</td>
<td>15,635</td>
</tr>
<tr>
<td>Food Science and Technology</td>
<td>6,832</td>
</tr>
<tr>
<td><strong>Total proposed increase in expenditures</strong></td>
<td><strong>$ 130,126</strong></td>
</tr>
</tbody>
</table>

The Board approved the recommendation as presented.
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 budget. The Board approved the recommendation as presented.

University of Oregon

R. N. Lowe, Payment for Added Service
Additional payment of $1,220 for Dr. Raymond N. Lowe, Professor of Education for the period August 14 through September 11, 1964, for services rendered to the CAUSE program financed from the Department of Labor. Dr. Lowe directed this program in addition to teaching a full program for the School of Education during the 1964 summer session.

K. Whyte, Payment for Added Service
Additional payment of $441 for Miss Kathryn Whyte, Instructor in Education for the period August 14 through September 11, 1964. Miss Whyte assisted in the CAUSE program during her regular vacation period.

Salary Increases, Oregon Program
Increases in annual salary, effective September 16, 1964, for the following staff members employed under the Oregon Program for the 1964-65 academic year. Funds for the increases are provided in the grant:

S. J. Miller, Increase in Salary
Miss Susan Jane Miller, Senior Instructor in Education, from $7,800 to $8,150.

J. H. Hansen, Increase in Salary
Mr. John H. Hansen, Assistant Professor of Education, from $8,000 to $8,200.

H. Holboke, Increase in Salary
Miss Hazel Holboke, Senior Instructor, from $8,000 to $8,200.

O. Schaaf, Increase in Salary
Mr. Oscar Schaaf, Associate Professor of Education, from $450 to $500 for 10 percent time.

D. Ten Brinke, Increase in Salary
Mr. Dirk Ten Brinke, Assistant Professor of Education, from $450 to $500 for 10 percent time.

R. E. Myers, Increase in Salary
Mr. Robert E. Myers, Assistant Professor of Education, from $7,500 to $7,875.

University of Oregon Dental School

J. S. Bennett, Increase in Salary
Increase in annual salary for Dr. James S. Bennett, Assistant Professor of Dentistry, from $10,000 to $11,000, effective August 1, 1964. Dr. Bennett is employed under a U. S. Public Health Service grant and funds for the increase are provided in the grant.
University of Oregon Medical School

S. Krol, Increase in Salary

Increase in annual salary for Mr. Stefan Krol, Research Associate in Experimental Biology, from $8,000 to $8,500, effective September 1, 1964. Funds are provided in the U. S. Public Health Service grant under which Mr. Krol is employed.

Mrs. M. Toney, Increase in Salary

Increase in annual salary for Mrs. Marion Toney, Research Assistant in Ophthalmology, from $5,820 to $6,000, effective August 1, 1964. The required funds are available in the gift and grant funds from which her entire salary is paid.

Southern Oregon College

A. Fellers, Change in Title

Change in title for Dr. Alvin Fellers from Director of Student Affairs to Dean of Students, effective July 1, 1964, with no change in salary or tenure.

E. C. McGill, Change in Title

Change in title for Dr. E. C. McGill from Assistant to the President in Charge of Academic Affairs, to Dean of Faculty, effective July 1, 1964, with no change in tenure or salary.

R. Bennett, Redistribution of Time & Increase in Salary

Redistribution of time for Mr. Robert Bennett, Dean of Men, from 60 percent to 80 percent time in Student Welfare and from 40 to 20 percent time in instruction, with a corresponding increase in annual salary from $8,525 to $8,850, in recognition of his increased responsibilities as Dean of Men. This change is effective September 16, 1964.

Miss M. Forsythe, Increase in Salary

Increase in annual salary, effective September 16, 1964, for Miss Marian Forsythe, from $7,225 to $7,550, in recognition of increased responsibility in directing the intramural program for women. The required funds are available in the budget.

Centralized Activities

Wolf von Otterstedt, Increase in Salary

The office of the Attorney General has recently granted pay increases to its central office staff at Salem. With the approval of the Attorney General, the Vice Chancellor for Business Affairs, with the concurrence of the Chancellor, recommends that the monthly salary of Mr. Wolf von Otterstedt, the Assistant Attorney General assigned to the Chancellor's Office, be increased from $915 to $950, effective October 1, 1964. The amount of $315 required during the remainder of year 1964-65 will be provided by transfer from the requisition budget of the Office of Business Affairs.
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board’s Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board accepted the report and approved the recommendations.

**University of Oregon**

**Scholarships & Fellowships**

Gifts and grants totaling $29,450.15 from the following donors for scholarships and fellowships:

- The Abbott Foundation, North Chicago, Illinois $400.00
- African American Institute, New York City $990.00
- Agnes Beach Trust Fund, Portland $100.00
- American Legion, Calvin Fund Post #32 $300.00
- American Legion Auxiliary, Department of Oregon, Springfield $375.00
- Beta Sigma Phi, Eugene $330.00
- Britt Memorial Scholarship, Medford $575.00
- Business & Professional Women’s Club, Roseburg $100.00
- The Carpenter Foundation, Central Point $266.65
- The Carpenter Foundation, Medford $1,760.00
- The Carpenter Foundation, Phoenix $150.00
- Cottage Grove High School Parent Teachers Club $150.00
- Order of Eastern Star of Oregon, Portland $200.00
- Elks Lodge No. 1413, Corvallis $600.00
- Delta Gamma Foundation, Prairie Village, Kansas $250.00
- Elmira High School Parent Teacher Club $212.00
- Elmira High School Teachers' Association $122.00
- Eugene Panhellenic for the Marjorie Thompson Reynolds Scholarship $400.00
- Eugene Rotary Foundation $900.00
- Ex-Newsboy's Association, Portland $500.00
- Fort Buckner Women's Club, San Francisco, California $700.00
- Fortin Foundation, Inc., Billings, Montana $489.50
- Georgia-Pacific Foundation, Portland $2,625.00
- Haskins & Sells Foundation, Inc., New York City $1,000.00
- Haupert Tractor Company, Medford $100.00
- Junction City Parent-Teacher Association $330.00
- Kamehameha Foundation, Bishop Estate, Honolulu, Hawaii $140.00
- Kiwanis Club, Lebanon $200.00
- Mrs. Jennie L. Mainwaring, Salem $300.00
- Mapleton Parent-Teacher Association $200.00
- Edward Arthur Mellinger Educational Foundation, Inc., Monmouth, Illinois $250.00
- Mu Phi Epsilon Patroness, Eugene $150.00
- National Geophysical Company, Tulsa, Oklahoma $500.00
- North Eugene High School Parent-Teacher Association $110.00
- O.N.C. Scholarship Foundation, Palo Alto, California $500.00
- P.E.O. Sisterhood, Oregon State Chapter, Phoenix $450.00
- Pepsi-Cola Bottling Company, Medford $100.00
- Rotary Club, Medford $100.00
Rotary Club, Milton-Freewater $ 300.00
Rotary Club, Pendleton 300.00
Saudi Arabian Educational Mission, New York City 300.00
South Santiam Educational & Research Project, through the Oregon State University Foundation, Corvallis 1,035.00
The Sperry & Hutchinson Company, New York City 625.00
Sunset High School Dad's Club, Beaverton 150.00
Tou Velle Trust Fund through the Medford Public Schools, Medford 110.00
Union High School No. 2, Sweet Home 150.00
Union Usher Board, Portland 330.00
U. S. Steel Foundation, Inc., New York City 7,200.00
University of Oregon Co-Ed Housing Alumnae Association, Milwaukee 105.00
Maud E. Warwick Fund for War Orphans, Inc., New York City 550.00
Washington High School Associated Students, Portland 100.00
Lew Williams Foundation, Inc., Billings, Montana 500.00
Zonta Club, Eugene 110.00

Friends of the Museum
Gift of sculpture by Jan Zach entitled "Totem," to the University of Oregon Museum of Art from the Friends of the Museum, Eugene. This cast aluminum sculpture is valued at $2,000.

General Electric Foundation
Grant of $5,000 from the General Electric Foundation, Ossing, New York, to be applied to work carried on by Dr. Ray Hyman, Associate Professor of Psychology, in his study of factors which inhibit or stimulate creative aspects of problem solving, for the period September 1, 1964, through August 31, 1965.

U. S. Public Health Service
Grants totaling $115,189 from the U. S. Public Health Service, Bethesda, Maryland, effective September 1, 1964, through August 31, 1965, unless otherwise indicated, for research, fellowships, and other purposes as follows:

1. $5,100 - "Predoctoral Fellowship in behalf of Miss Bethene Ann Peterson," under the direction of Dr. Fred Attneave, Professor of Psychology.

2. $5,100 - "Predoctoral Fellowship in behalf of Mr. Frank Eugene Poirier," under the direction of Dr. Paul E. Simonds, Assistant Professor of Anthropology.

3. $5,943 - "Predoctoral Fellowship on behalf of Mr. William Jackson Davis, Jr.," under the direction of Dr. Graham Hoyle, Professor of Biology.

4. $27,025 - "Phenogenetics and Pseudoalleleism in Drosophila," May 1, 1964, through April 30, 1965, under the direction of Dr. Clarence W. Clancy, Professor of Biology.
5. $3,176 - "Associated Students, University of Oregon, Training Program for Migrant Health Workers, to be conducted over the period April 22, 1964, through March 31, 1965," under the direction of Dr. Miriam Tuck, Associate Professor of Health Education.

6. $6,143 - "Predoctoral Fellowship on behalf of Mr. Lawrence Earle Moore," April 30, 1965, through April 30, 1966, under the direction of Dr. Frederick R. Fosmire, Associate Professor of Psychology.

7. $13,998 - "The Synthesis of Tetrahydrocannabinol," September 1, 1964, through August 31, 1966, under the direction of Dr. Lloyd J. Dolby, Assistant Professor of Chemistry.

8. $9,904 - "Processes of Concept Learning," September 1, 1964, through August 31, 1966, under the direction of Dr. Barry F. Anderson, Assistant Professor of Psychology.

9. $32,500 - "Physiological Genetics of Bacteria," September 1, 1964, through August 31, 1968, under the direction of Dr. Aaron Novick, Director, Institute of Molecular Biology.

10. $6,300 - "Predoctoral Fellowship on behalf of Mr. Donald G. Stein," September 16, 1964, through September 15, 1965, under the direction of Dr. James L. McGaugh, Associate Professor of Psychology.

**Housing & Home Finance Agency**

Grant totaling $47,391 to provide for planning work in the City of Medford, August 20, 1964, through August 20, 1966, under the direction of Mr. Herman Kehrl, Director of the Bureau of Municipal Research, to be provided as follows:

| Housing & Home Finance Agency | $31,594 |
| Local funds and services | $15,797 |

**Sixth U.S. Army**

Grant of $2,950.15 from the Sixth United States Army, San Francisco, California, to provide flight instruction to five Army ROTC students, September 1, 1964, through June 30, 1965, under the direction of Col. E. A. Fossum, Professor of Military Science.

**U. S. Dept. of Labor**

Grant of $1,531 from the U. S. Department of Labor, Washington, D.C., for support of a training program for preparing counselor trainees and youth advisors, July 20 through September 11, 1964, under the direction of Dr. Raymond N. Lowe, Professor of Education.

**U. S. Office of Education**

Grant of $7,279 from the U. S. Office of Education, Washington, D.C., for research entitled, "Identifying and Understanding Students Who Will Have a Difficult Time in High School," August 15, 1964, through February 15, 1965, under the direction of Dr. Kenneth Polk, Assistant Professor of Sociology.
Grants totaling $111,800 from the National Science Foundation, Washington, D.C., for research, as follows:

1. $70,000 - "Optical Rotatory Properties of Biological Molecules," September 1, 1964, through August 30, 1967, under the direction of Dr. John A. Schellman, Professor of Chemistry.

2. $41,800 - "Ecology of Thermophilic Blue-Green Algae," October 1, 1964, through September 30, 1967, under the direction of Dr. Richard W. Castenholz, Associate Professor of Biology.

University of Oregon Dental School

Grants totaling $68,991 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $9,936 - "Fatigue Properties of Dental Amalgam," September 1, 1964, through August 31, 1965, under the direction of Dr. David B. Mahler, Head, Department of Dental Materials.

2. $500 - Fellowship allowance awarded on behalf of Dr. John C. Mitchem, Dental Materials Department, to continue his project entitled, "In-Vivo Study of the Margin of Dental Restorations," June 24, 1964, through June 23, 1965, under the direction of Dr. Mahler.

3. $7,849 - "Development and Histology of Pig Dentition," July 1, 1964, through December 31, 1966, under the direction of Dr. Ellis B. Jump, Head, Department of Anatomy.

4. $4,896 - "Histochemical Variation of Oral Keratotic Lesions," August 1, 1964, through July 31, 1966, under the direction of Dr. James S. Bennett, Assistant Professor of Oral Pathology.

5. $45,810 - "Growth and Development of the Face," July 1, 1964, through May 31, 1965, under the direction of Dr. Bhim S. Savara, Head of the Child Study Clinic.

University of Oregon Medical School

Gifts and grants totaling $4,646 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Scholarship/Fellowship</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Legion Auxiliary, Department of Oregon, Springfield</td>
<td>$250.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1680, Burns</td>
<td>$150.00</td>
</tr>
<tr>
<td>Jackson Foundation Scholarship, Portland</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>The McCune Foundation, Inc., Scottsdale, Arizona</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Oregon League for Nursing, Portland</td>
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<tr>
<td>Oregon Nurses' Association, District 9, Astoria</td>
<td>$200.00</td>
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<tr>
<td>Oregon United Nations Association, North Clackamas</td>
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<tr>
<td>Chapter Student Fund, Oregon City</td>
<td>$670.00</td>
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<tr>
<td>P.E.O. Sisterhood, Oregon State Chapter, Phoenix</td>
<td>$250.00</td>
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<tr>
<td>Portland Rose Festival Association</td>
<td>$114.00</td>
</tr>
<tr>
<td>Soroptimist International, Corvallis</td>
<td>$100.00</td>
</tr>
<tr>
<td>Weyerhaeuser Foundation, Tacoma, Washington</td>
<td>$612.00</td>
</tr>
</tbody>
</table>
Grant of $6,000 from the Biological Humanics Foundation, New York City, in continued support of the research project of Dr. William Sheldon, Clinical Professor of Medicine.

Bequest of $10,000 under the will of Carl Robert Hallberg, through the Bank of California, Portland, for the use of Doernbecher Hospital, under the direction of Dr. Charles Holman, Medical Director.

Gift of $300 from Mr. Vernon L. Kelly, The Dalles, for cancer research, under the direction of Dean Baird.

Grant of $2,500 from the Oregon Heart Association, Portland, in support of a project concerned with the production of a film on a new method of surgical extraction of arterial emboli, July 15, 1964, through July 15, 1965, under the direction of Dr. Thomas J. Fogarty, Resident in General Surgery.

Grant of $6,557.82 from the Vision Committee, Oregon State Elks Association, McMinnville, in continued support of the Children's Eye Clinic, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

Bequests totaling $80,586.38 from the Estate of Walter J. Rosenfeld, Portland, for scholarships and instructional purposes as follows:

1. $40,293.19 in cash and securities "to be used as a perpetual fund, the income from which shall be used annually for not to exceed two scholarships to medical students," under the direction of the Dean of the Medical School.

2. $40,293.19 in cash and securities "as a permanent endowment fund with the income only to be used for current operating purposes. It is intended to use the funds for the support of the instructional program in ophthalmology, under the direction of Dr. Kenneth Swan, Chairman of the Department.

Gift of $500 from the Max and Rose Tucker Foundation, Portland, for the use of Doernbecher Hospital, under the direction of Dr. Holman.

Grant of $25,000 from the United States Atomic Energy Commission, Richland, Washington, in support of research entitled "The Mediation of Immuno Suppression by Deuterium Oxide and Hyperbaric Oxygen," September 1, 1964, through August 31, 1965, under the direction of Dr. Benjamin V. Siegel, Professor of Pathology.

Grants totaling $107,603 from the Vocational Rehabilitation Administration, Washington, D.C., for teaching grants as follows:

1. $21,913 - "Teaching grant in Rehabilitation Medicine," September 1, 1964, through August 31, 1965, under the direction of Dr. William Snell, Associate Professor of Orthopedic Surgery.
Meeting #331

2. $85,690 - "Teaching and Traineeships in Rehabilitation Counseling," September 1, 1964, through August 31, 1965, under the direction of Dr. George Saslow, Chairman of the Psychiatry Department.

U O M S Alumni Association

Gift of $438.20 from the University of Oregon Medical School Alumni Association, Portland, for out-of-state travel expenses for a designated member of the faculty.

U. S. Public Health Service

Grants totaling $795,829 from the U. S. Public Health Service, Bethesda, Maryland, for research, fellowships, and other purposes, effective September 1, 1964, through August 31, 1965, unless otherwise indicated, as follows:

1. $45,562 - "Psycho-Mimetic Drugs and Patterns of Auditory Cortex," under the direction of Dr. Archie R. Tunturi, Associate Professor of Anatomy.

2. $14,640 - "Histophysicsology of Human Eccrine Sweat Gland," under the direction of Dr. Richard L. Dobson, Professor of Dermatology.

3. $20,400 - "Pathways of Ethanol Metabolism," under the direction of Dr. John T. Van Bruggen, Professor of Biochemistry.

4. $67,627 - "Regular Academic Training Program in Nursing," under the direction of Miss Lucile Gregerson, Associate Professor of Nursing.

5. $21,355 - "Biochemical Studies on Stress in Rats," under the direction of Dr. Wilbert Todd, Professor of Biochemistry.

6. $102,486 - "Anatomy and Physiology of the Auditory Cortex," under the direction of Dr. Archie Tunturi.

7. $12,829 - "Effect of the Hypothalamus on Gastric Function," under the direction of Dr. John A. Benson, Jr., Professor and Head of the Division of Gastroenterology.

8. $37,138 - "Reaction of Connective Tissue Cells to Injury," under the direction of Dr. Virginia Lee Weimar, Assistant Professor of Ophthalmology.

9. $33,414 - "The Effects of Environmental Factors on Occupational Dermatitis," under the direction of Dr. Raymond R. Suskind, Professor and Head of Environmental Medicine.

10. $41,149 - "Neural Mechanisms of Postural Control," under the direction of Dr. John M. Brookhert, Professor of Physiology.

11. $32,668 - "Susceptibility to Environmental Carcinogens," under the direction of Dr. Wesley A. Horton, Professor of Environmental Medicine.
12. $24,396 - "Naturally Occurring Goitrogens," under the direction of Dr. Monte A. Greer, Professor of Endocrinology.

13. $20,739 - "Dorsal Root Ganglion Cells," under the direction of Dr. George Austin, Professor of Neurosurgery.

14. $17,388 - "Cardiac Electrophysiology and Electron Microscopy," under the direction of Dr. Donald G. Kassebaum, Assistant Professor of Internal Medicine.

15. $33,200 - "Public Health Traineehip Grant," September 28, 1964, through September 3, 1965, under the direction of Miss Gertrude Peterson, Assistant Professor of Nursing.

16. $4,003 - "Effects of Pre-op Irradiation on Cancer of Rectum," September 1 through December 31, 1964, under the direction of Dr. William S. Fletcher, Assistant Professor of Surgery.

17. $6,100 - "Predoctoral Fellowship for Mr. Dennis C. Gould," September 1, 1964, through May 31, 1965, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

18. $230,373 - "Malignant and Genetic Alterations in Human Cells," under the direction of Dr. Robert D. Koler, Associate Professor of Experimental Medicine.


20. $23,188 - "Therapy of Cardiac Arrhythmias," under the direction of Dr. Eldon L. McCawley, Professor of Pharmacology.

Oregon State University

Scholarships & Fellowships

Gifts and grants totaling $47,630.51 from the following donors for scholarships and fellowships:

- African-American Institute, New York City $ 990.00
- Agnes Beach Trust Fund, Portland 200.00
- Air Force Aid Society, Washington, D.C. 550.00
- Albany City Council Parent-Teacher Association 110.00
- General Henry H. Arnold Educational Fund, Washington, D.C. 400.00
- Auxiliary of Professional Engineers of Oregon 110.00
- Bate Plywood Company, Inc., Merlin 100.00
- Benton County Medical Auxiliary, Corvallis 100.00
- Britt Memorial Scholarship Fund, Medford 450.00
- Bureau of Indian Affairs, Stewart, Nevada 650.00
- Carpenter Foundation, Central Point 266.64
- Carpenter Foundation, Medford 100.00
- Carpenter Foundation, Phoenix 500.00
- Chemeketa Lodge #1, IOOF, Salem 207.00
- Colton Alumni Association, Molalla 100.00
- Consulate of the State of Kuwait, New York City 900.00
Coos Bay Pirates, North Bend $ 100.00
Corvallis Chamber of Commerce 250.00
Corvallis Woman's Club 100.00
Cottage Grove High School 710.00
Cottage Grove High School Parent Teachers Club 200.00
Lloyd and Leona Covert 100.00
Education Funds, Inc., Providence, Rhode Island 1,766.67
Elks Lodge No. 1413, Corvallis 600.00
Elks Lodge No. 1663, Lebanon 350.00
Embassy of the Republic of Iraq, Washington, D.C. 110.00
ESCO Corporation, Portland 500.00
Ford Foundation Education Aid Program 200.00
Frankfurt American Community Scholarship Association, New York City 250.00
Georgia-Pacific Foundation, Portland 2,250.00
Grants Pass Public Schools 500.00
Gresham Grade School Teachers Fund, Portland 100.00
Gresham Union High School 200.00
Elks Lodge, Hermiston 250.00
International Atomic Energy Agency, Vienna, Austria 110.00
International Longshoremen's and Warehousemen's Union, Local 21, Longview, Washington 275.00
Jaycee War Memorial Fund, Tulsa, Oklahoma 250.00
Robert Johnson Trust Fund 994.13
Richard C. Knight Insurance Agency, Boston, Massachusetts 330.00
Lake Washington High School, Kirkland, Washington 150.00
Malheur County Home Economics Extension Unit, Ontario 100.00
Mapleton Parent-Teacher Association 200.00
McMinnville Rotana Club 250.00
Miss Corvallis Pageant 125.00
Myrtle Creek Parent-Teacher Association 300.00
Myrtle Point Parent-Teacher-Student Organization 200.00
National Restaurant Foundation, Chicago, Illinois 200.00
Navy Wives Clubs of America, Port Deposit, Maryland 400.00
Officers' Wives Club, Fort Rucker, Alabama 500.00
J. E. Olinger & Sons, Milton-Freewater 200.00
Oregon City Senior High School 1,060.00
Oregon Congress of Parents and Teachers, Portland 2,154.00
Oregon Education Association, Linn County Division, Sweet Home 230.40
Oregon Education Association, Lane County Division, Eugene 125.00
ONC Scholarship Foundation, Palo Alto, California 1,000.00
Oregon Sportswriters & Sportscasters Association, Portland 500.00
OSU Dads' Club, Corvallis 1,760.00
OSU Mothers Club, Lebanon 1,760.00
Oregon State University Foundation, Corvallis 423.00
PEO Sisterhood, Chapter B.F., The Dalles 300.00
PEO Sisterhood, Oregon State Chapter, Phoenix 250.00
Pine Valley High School, Halfway 100.00
Portland Home Economists in Education, Portland $ 300.00
Portland Panhellenic 350.00
Portland Rose Festival Association 220.00
Roseburg High School Chapter of Future Business Leaders of America 100.00
The Royal Neighbor, Rock Island, Illinois 500.00
The Royal Thai Embassy, Washington, D.C. 600.00
Scappoose Union High School 150.00
The Sears-Roebuck Foundation, Chicago, Illinois 900.00
Shell Fellowship Committee, New York City 3,696.00
Siletz High School 100.00
Soroptimist Club of the Coos Bay Area, North Bend 116.67
South Santiam Educational and Research Project, through the Oregon State University Foundation, Corvallis 4,203.00
Sunset High School, Beaverton 110.00
Sunset High School Dads' Club, Beaverton 300.00
The Tuition Plan of New Hampshire, Inc., Concord, New Hampshire 534.00
Turkish Embassy, New York City 300.00
Turner Educational Trust 400.00
United Arab Republic, Washington, D.C. 220.00
United Daughters of the Confederacy, Jacksonville, Florida 100.00
United States National Bank, Portland 880.00
U. S. Submarine Veterans of World War II, Miles, Illinois 350.00
Various donors through Franklin High School, Portland 355.00
Various donors through Medford Senior High School 1,546.00
Washington High School, Portland 800.00
Weyerhaeuser Company Foundation, Tacoma, Washington 1,230.00
Woman's Benefit Association, Port Huron, Michigan 750.00

Student Loan Funds

Gifts and grants totaling $4,250 from the following donors for student loans:

Air Force Aid Society, Washington, D.C. $ 300.00
Air Force Central Welfare Fund, Washington, D.C. 3,100.00
General Henry H. Arnold Educational Fund, Washington D.C. 850.00

American Cancer Society

Grant of $6,835 from the American Cancer Society, for research entitled, "The Mechanism of Hormone Action (structure-activity correlation)," September 1, 1964, through August 31, 1965, under the direction of Dr. Conrad T. O. Pong, Associate Professor, Science Research Institute.

Bonneville Power Administration

Grant of $3,298 from the Bonneville Power Administration, for "Sonic Detection of Internal Decay in Wood Poles," July 1 through September 30, 1964, under the direction of Mr. Leland C. Jensen, Professor of Electrical Engineering.

Capitol Record Company

Gift of fifty-one records from the Capitol Record Company, Los Angeles, California, to the Oregon State Library. These records are valued at $237.98.
<table>
<thead>
<tr>
<th>Source</th>
<th>Grant Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collins Radio Company</td>
<td>Grant of $2,000 from the Collins Radio Company, Cedar Rapids, Iowa, for the School of Engineering.</td>
</tr>
<tr>
<td>National Aeronautics and Space Administration</td>
<td>Grant of $149,500 from the National Aeronautics and Space Administration for support of the training of graduate students in space-related sciences and technology for a period of three years, September 1, 1964, through August 31, 1967, under the direction of Dean Henry P. Hansen, Dean of the Graduate School.</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>Grants totaling $35,890 from the National Science Foundation, Washington, D.C., for research and other purposes as follows:</td>
</tr>
<tr>
<td></td>
<td>1. $11,300 - &quot;Genetic Studies on Lactic Acid Bacteria,&quot; September 1, 1964, through August 31, 1965, under the direction of Dr. William E. Sandine, Associate Professor of Microbiology.</td>
</tr>
<tr>
<td></td>
<td>2. $24,590 - &quot;Five Graduate Traineeships in Engineering,&quot; September 1, 1964, through August 31, 1965, under the direction of Dr. H. P. Hansen, Dean of the Graduate School.</td>
</tr>
<tr>
<td>U. S. Dept. of Interior</td>
<td>Grants totaling $42,980 from the U. S. Department of the Interior, Washington, D.C., for research as follows:</td>
</tr>
<tr>
<td></td>
<td>1. $36,000 - &quot;Mechanism of Saltwater Adaptation to Salmonids,&quot; July 1, 1964, through June 30, 1965, under the direction of Dr. Frank P. Conte, Assistant Professor of Radiation Biology.</td>
</tr>
<tr>
<td>Walter J. Rosenfeld</td>
<td>Bequest of $80,586.40 in cash and securities from the estate of Walter J. Rosenfeld, Portland, for research in the fields of agriculture and animal husbandry, under the direction of Dean F. E. Price of the School of Agriculture.</td>
</tr>
<tr>
<td>U. S. Public Health Service</td>
<td>Grants totaling $299,464 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, effective September 1, 1964, through August 31, 1965, unless otherwise indicated, as follows:</td>
</tr>
<tr>
<td></td>
<td>1. $11,144 - &quot;Role of Adenine Compounds in Methionine Biosynthesis,&quot; under the direction of Dr. Leo W. Parks, Associate Professor of Microbiology.</td>
</tr>
<tr>
<td></td>
<td>2. $13,956 - &quot;The Dissimilation of Nitrate Nitrogen,&quot; under the direction of Dr. C. M. Gilmour, Professor of Soil Microbiology.</td>
</tr>
<tr>
<td></td>
<td>3. $24,879 - &quot;The Autecology of some Blue-Green Plankton Algae,&quot; under the direction of Dr. Harry K. Pinney, Professor of Botany.</td>
</tr>
</tbody>
</table>
4. $13,097 - "Influence of Dissolved Oxygen on Freshwater Fishes," under the direction of Dr. Charles E. Warren, Associate Professor of Fisheries.

5. $13,225 - "Metabolic Changes Induced by Tumor Virus," under the direction of Dr. L. F. Remmert, Professor of Chemistry, Agricultural Chemistry.

6. $12,003 - "Biosynthesis and Metabolism of Terpenes," under the direction of Dr. W. D. Loomis, Associate Professor of Chemistry.

7. $14,193 - "Copper-Amine Redox Systems as Amine Oxidase Models," under the direction of Dr. John T. Yoke, III, Associate Professor of Chemistry.

8. $18,524 - "Biosynthesis and Metabolism of Terpenes," under the direction of Dr. Loomis.

9. $17,087 - "Comparative Enzyme and Metabolic Patterns During Development," October 1, 1964, through September 30, 1965, under the direction of Dr. Vernon H. Cheldelin, Director of Science Research Institute, and Dr. Robert W. Newburgh, Assistant Director of Science Research Institute.


11. $14,826 - "Reconstitution of Mitochondrial Respiratory Chains," September 1, 1964, through August 31, 1967, under the direction of Dr. Tsoo E. King, Professor of Chemistry, Assistant Director, Science Research Institute.

12. $32,584 - "Ecological Studies of an Experimental Stream," September 1, 1964, through August 31, 1967, under the direction of Dr. Charles E. Warren, Associate Professor of Fisheries.

13. $10,787 - "Vitamin K5 as a Food Preservative," October 1, 1964, through September 30, 1966, under the direction of Dr. Hoya Y. Yang, Associate Professor of Food Science and Technology.

14. $15,779 - "Metabolic Changes Induced by Tumor Virus," Research Career Development Award, September 1, 1964, and continuing for four years, under the direction of Dr. George S. Beaudreau, Associate Professor of Agricultural Chemistry.

15. $11,055 - "Strained Steroid Systems," September 1, 1964, through August 31, 1966, under the direction of Dr. F. Thomas Bond, Associate Professor of Chemistry.

16. $15,044 - "Metabolism of Herbicides and Transformation Products," September 1, 1964, through August 31, 1966, under the direction of Dr. Sheng C. Fang, Associate Professor of Chemistry.
17. $28,969 - "The Chemistry of Cheddar Cheese Flavor," under the direction of Dr. Edgar A. Day, Associate Professor of Food Science and Technology.

18. $7,787 - "Predoctoral Fellowship," September 17, 1964, through September 16, 1965, under the direction of Dr. Charles Osterberg, Associate Professor of Oceanography.

19. $9,286 - "Synthesis of Glycosyl Phosphates," September 1, 1964, through August 31, 1967, under the direction of Dr. Donald L. MacDonald, Professor of Chemistry.

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

Agricultural Research Foundation

$656 - "Formulation of new commercial food products," under the direction of Dr. R. L. Smith, Associate Professor of Food Science and Technology.

$800 - "Hop production, breeding, disease and quality investigation," under the direction of Mr. C. E. Zimmerman, U.S.D.A. with the courtesy rank of Instructor in Agricultural Chemistry.

American Cyanamid Company

$1,000 - "Research on Tree Fruit Fungicides," under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology.

American Dairy Association

$10,000 - "Identification and Mode of Synthesis of Flavor Compounds in Butter," under the direction of Dr. E. A. Day, Professor of Food Science and Technology, and Dr. P. R. Elliker, Professor of Dairy Microbiology.

American Rose Foundation

$500 - "Research on Control of Powdery Mildew of Roses," under the direction of Mr. I. W. Deep, Associate Professor of Plant Pathology.

Bonneville Power Administration

$2,155.26 - "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.

Cominco Products, Inc.

$1,500 - "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.

Geigy Chemical Corporation

$5,000 - "Herbicide Investigations," under the direction of Dr. Virgil Freed, Professor of Chemistry.

Northwestern Unit of Olympic F. A. Breeders Assoc.

$300 - "Nutrition of Ranch Mink," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

Oregon Liquor Control Comm.

$2,500 - "Enology Research and Services," under the direction of Dr. H. Y. Yang, Associate Professor of Food Science and Technology.
Oregon Essential Oil Growers League  $3,000 - "Research on Verticillium Wilt of Peppermint," under the direction of Dr. C. E. Horner, Associate Professor of Plant Pathology.

Oregon State Game Commission  $8,000 - "Completion of Salmon-Steelhead Punch Card Evaluation Project," under the direction of Dr. Lyle D. Calvin, Professor of Statistics.

Pacific N.W. Forest & Range Exper. Station  $4,900 - "To construct an aerial photo volume table for ponderosa pine and associated species," under the direction of Dr. George H. Barnes, Professor of Forest Management.

$1,200 - "To test the photo plot stratification procedures used by Forest Survey for possible bias due to topographic relief," under the direction of Dr. Barnes.

Pacific Power & Light Company  $3,750 - "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Robert D. Graham.


Yoder Brothers of California  $200 - "2,000 rooted chrysanthemum cuttings to be used in resident instruction and research programs in floriculture."

U. S. Dept. of Agriculture  $500.28 - "To Study the Mass Transfer (Water Transfer) Effects with Boundary Conditions," under the direction of Mr. Lee Lyman, Research Assistant, Forest Research Laboratory.

American Poultry & Hatchery Federation  $1,000 - "The Influence of Nutrition on Volumes and Fertilizing Capacity of Semen from Male Chickens," under the direction of Dr. J. E. Parker, Professor of Poultry Science.

### Portland State College

Scholarships & Fellowships  Gifts and grants totaling $7,588.25 from the following donors for scholarships and fellowships:

- American Legion Auxiliary, Dept. of Oregon, Springfield  $100.00
- The Autzen Foundation, Portland  $300.00
- Auxiliary to Professional Engineers of Oregon, Portland  $330.00
- Columbia Hospital Women’s Auxiliary, Astoria  $100.00
- Crown Zellerbach Foundation, San Francisco, California  $2,610.00
- David Douglas High School, Associated Student Body, Portland  $110.00
- International Order of Job’s Daughters, Lakeview  $600.00
- Molalla Union High School Student Body Association  $175.00
- Mu Phi Epsilon, Beaverton  $100.00
- Order Sons of Italy in America, Seattle, Washington  $300.00
- Oregon Education Association, Hermiston Local  $255.25
- Oregon Congress of Parents and Teachers, Portland  $2,108.00
- Oregon Pepsi Cola Bottlers Scholarship Foundation, Seaside  $100.00
- Sunset High School Dads’ Club, Beaverton  $150.00
- West Union Community Club, Hillsboro  $100.00
- Sherman County Scholarship Association, Moro  $150.00
Grant of $1,500 from the American Chemical Society, Washington, D.C., for research entitled, "An Investigation of the Volatile Oils Found in Sequoia Needles," under the direction of Dr. Alfred S. Levinson.

Gift of $3,000 from an anonymous donor to be applied to the Nina Mae Kellogg Loen Fund.

Gift of books and pamphlets, valued at $118, from the Arthur Cannon Estate, through Mr. Donald D. Parker, Chairman of the Portland State College Division of Business Administration.

Grant of $1,500 from the County of Coos, Coquille, in support of research entitled, "Benthic Faunal Indicators of Pollution in Coos Bay," under the direction of Dr. James A. Macnab, Professor of Biology.

Gift of a painting, valued at $250, by Mr. James Hibbard, for exhibit at Portland State College.

Gift of 154 periodicals, valued at $141, from Father Michele Ricciardelli, Assistant Professor of Foreign Languages, at Portland State College.

Gift of $380 from Tektronix Foundation, Beaverton, for partial support of a trip by Dr. Ralph Macy, to Rome, Italy, to present a paper at the First International Congress of Parasitology.


Gifts and grants totaling $2,636.33 from the following donors for scholarships and fellowships:

Carl E. Morrison Memorial Scholarship Fund, Dallas, Oregon $ 294.00
P.E.O., Sisterhood, Chapter A.D., Prineville 125.00
Applegate Parent-Teacher Association, Eugene 100.00
Beaverton Lodge No. 100, AF & AM 200.00
Carpenter Foundation, Central Point 133.33
District 3-B Principals and Coaches Association, Lowell 100.00
Georgia-Pacific Foundation, Portland 500.00
Junction City Education Association 200.00
Rainier Union High School Girls' League, Associated Students, Rainier 100.00
South Santiam Education and Research Project through the Oregon State University Foundation, Corvallis 601.00
Triangle Lake Parent-Teacher Association 150.00
United Scholarship Service, Inc., Denver, Colorado 133.00

Gift of $500 from Bertha Augustyn, Melrose Park, Illinois, for student loans.
### Southern Oregon College

#### Scholarships & Fellowships

Gifts and grants totaling $11,829.76 from the following donors for scholarships and fellowships as follows:

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<thead>
<tr>
<th>Donor</th>
<th>Amount</th>
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<td>Britt Memorial Scholarship Fund, Medford</td>
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<td>California-Pacific Utilities Company</td>
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<td>Carpenter Foundation, Medford</td>
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<td>Chuck Wagon Restaurant, Klamath Falls</td>
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<td>Crater High School Girls League, Central Point</td>
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<tr>
<td>Lions Club, Coquille</td>
<td>$125.00</td>
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<tr>
<td>Cottage Grove High School</td>
<td>$100.00</td>
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<tr>
<td>Grants Pass High School, Associated Student Body</td>
<td>$400.00</td>
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<tr>
<td>Grants Pass High School Lettermen's Club</td>
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<tr>
<td>Grants Pass High School National Honor Society</td>
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<tr>
<td>HANNA Ladies, Riddle</td>
<td>$150.00</td>
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<tr>
<td>Henley P.P.A., Klamath Falls</td>
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<tr>
<td>Illinois Valley High School, Cave Junction</td>
<td>$500.00</td>
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<tr>
<td>International Longshoremen's Warehousemen's Union,</td>
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<td>Auxillary I, North Bend</td>
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<tr>
<td>International Order of Job's Daughters, Lakeview</td>
<td>$600.00</td>
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<tr>
<td>Medford Mail Tribune</td>
<td>$250.00</td>
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<td>Myrtle Point High School Senior Class</td>
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<td>Northwest Nazarene College, Nampa, Idaho</td>
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<tr>
<td>Oregon Coast Veneer, Brookings</td>
<td>$200.00</td>
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<td>Oregon State Chapter, P.E.O., Phoenix</td>
<td>$250.00</td>
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<tr>
<td>Cottage Grove High School, Parent Teachers Club</td>
<td>$150.00</td>
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<tr>
<td>Navy Wives Clubs of America Scholarship Foundation,</td>
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<td>Port Deposit, Maryland</td>
<td>$500.00</td>
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<td>Soroptimist Club, Ashland</td>
<td>$294.00</td>
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<td>Rogue Equipment Company, Medford</td>
<td>$166.00</td>
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<td>Turner Educational Trust, Portland</td>
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### Eastern Oregon College

#### Scholarships & Fellowships

Gifts and grants totaling $3,721.25 from the following donors for scholarships and fellowships:

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<th>Donor</th>
<th>Amount</th>
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<td>Anonymous</td>
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<td>Corbett Parent-Teacher Association</td>
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<td>Elks Lodge No. 358, Heppner</td>
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<td>Oregon Education Association, Hermiston Local</td>
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<td>Inland Machinery Company, La Grande</td>
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<tr>
<td>Oregon State Elks Association, Madras</td>
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<td>Rotary Club, Pendleton</td>
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<td>Teachers of Milton-Freewater Area</td>
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<td>Wallowa Parent-Teacher Association</td>
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<tr>
<td>Department of Education, Salem</td>
<td>$330.00</td>
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<tr>
<td>La Grande Junior Chamber of Commerce</td>
<td>$250.00</td>
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<tr>
<td>Mrs. Rice R. McHaley, La Grande</td>
<td>$100.00</td>
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<tr>
<td>Order of Rainbow for Girls, Verna M. Gray</td>
<td>$200.00</td>
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<tr>
<td>Memorial Scholarship</td>
<td></td>
</tr>
<tr>
<td>The Reed Institute, Portland</td>
<td>$285.00</td>
</tr>
</tbody>
</table>
The meeting was recessed at 2:50 P.M., October 26, 1964, and was reconvened at 9:00 A.M., October 27, 1964, with the following Board members present:

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

President Holloway announced that the next meeting of the Board will be held in Portland at Portland State College on December 7 and 8, 1964.

President Holloway indicated the dates for regular Board meetings for 1965 together with the following tentative meeting places:

January 25-26  Portland State College
March 8-9  Oregon College of Education
April 26-27  University of Oregon
June 8-9 (Tuesday and Wednesday)  Eastern Oregon College
July 26-27  Oregon State University
September 13-14  Salem (Joint meeting with State Board of Education)
October 25-26  Oregon Technical Institute
December 13-14  Portland State College
January 24-25, 1966  Portland State College

The Board considered Mr. Frank E. Lucas' request of October 26, 1964, that his son Joseph be classified as a resident student at the University of Oregon retroactive to the beginning of the 1963 fall term. The Board voted to sustain Mr. Lucas' appeal that his son be classified as a resident of Oregon, effective with the beginning of the fall term, 1963-64. The action was based on the following factors: Joseph was over twenty-one years of age at the time his parents moved to California and his domicile would not be deemed to follow theirs; his Oregon domicile continues until another one is established; and it was felt that no evidence had been presented to indicate that Joseph Lucas had established a domicile in another state. The Board action was taken contingent upon Joseph's furnishing the University of Oregon with a statement to the effect that he is not registered to vote in a general election in any state other than Oregon. It was understood that the Board's decision applies to the 1963-64 school year and the remainder of his period of enrollment at the University of Oregon as long as he does not establish a domicile outside of Oregon. The Secretary of the Board was instructed to advise Mr. Lucas and the University of Oregon of the Board's action.

President Holloway appointed Mr. Joss and Mr. Layman as members of an ad hoc committee to work with the Interinstitutional Residence Classification committee and the Board's Office to consider the basic criteria that are followed in dealing with residence classification. A third member of the committee is to be appointed at a later date.
Copies of the enrollment analysis report for the fall term of 1964 were distributed, and the Chancellor pointed out that the estimates had proved to be unusually accurate in total for the System and noted that the number of graduate students this year had increased by 14.6 percent over the preceding year. This compared with a total enrollment increase of approximately half that percentage. It was felt that this indicated a trend rather than a temporary increase and that the impact of the community college program on the State System would tend to shift a greater proportion of enrollees from lower-division to upper-division and ultimately to the graduate level. This trend would need to be considered in future planning because upper division and graduate education is more expensive than in the lower division classes.

It was also noted that 167 transfer students had entered the State System institutions from the community colleges and that there are currently 2,000 students enrolled in the college transfer programs of the Oregon community colleges.

The Chancellor also called attention to the impact of the recent increased admission requirements and increased tuition charges for nonresident students. In 1961, 4,511 undergraduate students were assessed the nonresident fee and this increased to 5,182 in 1962. When the new requirements went into effect in the fall of 1963, the number of nonresident students dropped to 4,714 and this fall dropped another 11 percent to 4,200.

The Board's Office was requested to provide the Board with information regarding the number of nonresident graduate students in the State System institutions. In addition, Board members were interested in obtaining data on the policies regarding charges to nonresident graduate students at the nineteen other state universities from which the State System usually gets salary and other data for comparative purposes. The Chancellor indicated that this information might be difficult to obtain because at many institutions graduate students are not charged nonresident tuition and the problem of classifying them as to residence would be greater than it would in the case of undergraduates. For this reason he hesitated to make a definite commitment to complete such a study but he would determine its feasibility and report back to the Board. Mr. Merrifield expressed the opinion that it was important to have this information.

Institutional executives indicated the following factors have tended to keep the enrollment of nonresident undergraduate students at a fairly high level even though admission requirements and tuition had been increased:

1. Students may have limited opportunity in their own state. For instance, in California many good students do not qualify for admission to the universities, and although they could go to a state college, they prefer to attend a university;

2. The reputation of certain schools in the State System institutions draws students on a regional and sometimes national

3. Some students are children of alumni and prefer to attend Oregon institutions for that reason;
4. Students who have already started a program at one of the institutions wish to remain;

It was noted that programs which are sponsored on a regional basis by the federal government might not be awarded or continued if non-resident students should be discouraged to the point where the impression of provincialism is attributed to Oregon institutions.

The present policy for the admission of resident students was reviewed by the Chancellor. During 1964-65 a high-school grade-point average of 2.0 is required for admission to the State System institutions. In addition, the Board adopted a slight modification of that requirement for the fall term only in which resident freshmen entering the University of Oregon, Oregon State University and Portland State College were required to have a 2.25 grade-point average. Students will be admitted winter, spring or summer session at these institutions during the current year with a 2.0 average. This device is expected to help balance enrollments among the four terms, but the effectiveness of the plan will not be known until winter and spring term enrollments are reported for the current school year.

The Chancellor recommended that the present admission requirements be continued for 1965 but that the 2.25 admission requirement for resident students during fall term be applied also to Oregon College of Education in view of the substantial increase in enrollments this year at that institution.

The Board approved the recommendation as presented.

The Chancellor presented a statement regarding the charges made to students to serve as a basis for discussion to articulate a little more clearly the general policy related to charges to students. His complete statement follows:

"The Board of Higher Education bears the legal responsibility for determining charges to students, limited only by certain statutory provisions. The most important of these provisions is the limitation of $10 per term which may be assessed as a building fee. In practice, however, the Board's authority to determine tuition levels is further limited by the budgeting responsibility of the Governor and by the appropriating authority of the Legislature. Both the Governor's budget and the legislative appropriation include an assumption of tuition levels. When the legislative appropriation is made, the Board may adopt the tuition assumption of the Legislature; it may set a higher level; or it may set a lower level. If it sets a higher level, the Board risks the displeasure of the Legislature with the possibility of statutory control of tuition. If it sets a lower figure, the Board must operate with less money than included in the approved expenditure budget. Thus, for all practical purposes, tuition levels, at least for the first year of each biennium, are determined by the Legislature.

"The Board occasionally raises tuition during the second year of a biennium, to care for emergencies for which the original budget failed to provide. The usual cause for such an increase has been unexpectedly large enrollments.

"Charges other than for tuition and building fees include board and room, 'incidental' fees charged all students, and assorted fees assessed individual students for penalties and special services.
"Following is a listing of various categories of charges made to students and some observations concerning each category.

1. Tuition assessed Oregon residents: The principal arguments in support of the requirement that Oregon residents pay a share of the operating costs of state supported colleges and universities are three in number:

1.1 If students (or their parents) pay a share of the cost, students will maintain a more serious posture toward their studies than would prevail if the state pays the full cost.

1.2 Since students, as well as the society, profit from the experience, they (or their parents) should pay a share of the cost.

1.3 Charging tuition to students will raise money.

No valid evidence appears to be available to support the contention that requiring a student (or his parents) to pay a share of the cost of operating colleges and universities increases student motivation. Likewise, no valid evidence is available to support a contrary view. It is questionable whether the doubtful advantage of increase of motivation is worth the price of reduced educational opportunity created by tuition charges.

The argument that the individual recipient of the benefits of higher education should share the costs with the society rests on the doubtful assumption that an appropriate share of those benefits can be determined and assessed. Again, the gain from assessing a share of the costs to the recipient may not be worth the loss to society in reduced educational opportunity.

The argument that tuition charges produce money is irrefutable! Tuition charges in the State System produced $15,701,394, or 23.3 percent of the operating costs, during the 1961-1963 biennium. Although it may be desirable to eliminate tuition charges in order to increase educational opportunity, such a course of action would not be practical, at least in a single action. It appears to be desirable, nonetheless, to resist with great vigor further tuition increases and to work toward the goal of reduced, or no, tuition.

2. Tuition assessed nonresidents: The basic responsibility for education rests with the several states. Some states have assumed this responsibility to a greater extent than others. Primarily because some states have taken this responsibility more seriously than others, but also for a variety of less tangible reasons, some states have a net in-migration of college students. Oregon is one such state. The latest available data reveal that for fall term 1963 Oregon had a net in-migration of 2,596 undergraduate students in her public colleges and universities.
When all other factors are in balance, it is desirable for a college or university to have a substantial number of students from other states and nations. However, when the number of incoming students exceeds substantially the number of out-going students, the financial burden may be greater than a state can be expected to bear. One solution to such an imbalance might be federal subsidy. In the absence of such a federal subsidy, nonresident tuition approximating the cost of instruction may be the next most desirable solution. Oregon's present tuition level for nonresident students approximates the average cost of undergraduate instruction.

Two other important factors should be taken into account in determining an equitable tuition charge to non-resident students. These are (1) the capital costs of educating non-residents and (2) the economic activity created by the non-resident student as a quasi-tourist. Advice from economists suggests that these two factors may balance each other.

3. Board and room charges: In general, the full costs of board and room, both capital and operating, should be paid by the students who benefit from the service. Two exceptions to this generalization should be considered. First, the indirect costs, which include the salaries of general administrative staff and general institutional services, might well be borne by the state. Second, the location of an institution in a particular geographic area provides increased educational opportunity for those young people who reside within commuting range. Hence, it appears justifiable to charge all students a share of the capital costs in the form of a building fee.

4. Incidental services: It has become general practice in colleges and universities to provide a variety of services and support a variety of activities which often are described as 'incidental' to the instructional program. These services and activities include health services, student unions, student government, and athletics. Within the State System an 'incidental fee' is assessed all students for the purpose of financing, or partially financing, these activities and services.

Although not all students participate in or benefit from these services and activities to the same extent, neither do all students participate in or benefit from the instructional program to the same extent. The services and activities supported in whole or in part by the 'incidental fee' are assumed to be sufficiently desirable to be continued. Stability of support requires that the supporting fee be assessed all students rather than basing the fee on the extent of individual participation.
The only feasible alternative appears to be the incorporation of these services and activities into the regular operating budget and adding the amount of the necessary fee to the tuition charge.

5. Other charges, assessed on an individual basis: Such charges include transcript fees, breakage fees, placement fees, fees for late registration, etc. Some of these fees are for specific services and should be sufficient to pay the cost of the service. Some are coercive, such as a late registration fee, and should be set at a level which will tend to accomplish the objective of producing the desired behavior."

The Finance Committee and the Board's Office were requested to study the report and develop for presentation at the December Board meeting a policy statement related to charges to students, including a position on the charge for intercollegiate athletics.

ADJOURNMENT

The meeting was adjourned at 9:55 A.M.

Chas. R. Holloway, Jr., President
R. L. Collins, Secretary