STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD IN
ROOM 105, MEMORIAL UNION, OREGON STATE UNIVERSITY, CORVALLIS, OREGON

March 13-14, 1967

MEETING #355-1
A regular meeting of the State Board of Higher Education was held in Room 105, Memorial Union, Oregon State University, Corvallis, Oregon, on March 13-14, 1967.

ROLL CALL
The meeting was called to order at 9:00 A.M. on Monday, March 13, 1967, by the President of the Board, Mr. Chas. R. Holloway, Jr., and on roll call, the following answered present:

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

Absent: Mr. Ancil H. Payne was out of the state.

OTHERS PRESENT:

Centralized Activities--Chancellor R. E. Lieuallen; Secretary R. L. Collins; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. M. C. Romney, Vice Chancellor for Academic Affairs; Dr. J. W. Sherburne, Vice Chancellor for Continuing Education; Mr. J. L. Watson, Comptroller; Mr. J. I. Hunderup, Director of Facilities Planning; Mr. Allen McKenzie, Assistant to Vice Chancellor for Business Affairs; Mr. Wolf D. von Otterstedt, Assistant Attorney General; Mr. Guy Lutz, Associate Director, Office of Institutional Research; Mr. George Diel, Director, Communications Development; Dr. Carl G. Paetz, Assistant Director of Facilities Planning; Mr. Robert W. Fritsch, Architectural Consultant; Mr. Kenneth Cushman, Director of Publications; Mr. Paul La Riviere, Information Specialist; Dr. Jack Edling, Director, Teaching Research Division.

Oregon State University--President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Director of Business Affairs; Mr. Fred Shideler, Director of Information; Dr. David B. Nicodemus, Dean of Faculty; Dr. Carl H. Stoltenberg, Dean of the School of Forestry; Mr. S. Miles Metzger, Superintendent of Planning and Construction; Mr. George E. Thornburgh, Director of Facilities Planning; Mr. Forrest S. Baker, Jr., Research Associate, Agricultural Economics.

University of Oregon--President A. S. Flemming; Dr. W. C. Jones, Dean of Administration; Dr. Jarold A. Kieffer, Assistant to the President; Dr. John E. Lallas, Director, Office of Planning and Institutional Research; Mr. W. N. McLaughlin, Business Manager.

University of Oregon Dental School--Mr. Eugene Bauer, Assistant Dean for Business Affairs.
University of Oregon Medical School—Dean D. W. E. Baird; Mr. W. A. Zimmerman, Associate Dean for Business Affairs; Dr. C. N. Holman, Associate Dean.

Portland State College—President B. P. Millar; Mr. W. T. Lemman, Jr., Director of Business Affairs; Mr. J. Malcolm McMinn, Director of Facilities Planning and Operations; Mr. William C. Neland, Planning Associate.

Oregon College of Education—President L. W. Rice; Mr. John Sparks, Director of Business Affairs.

Southern Oregon College—President E. N. Stevenson; Dr. E. C. McGill, Dean of Faculty; Mr. D. E. Lewis, Director of Business Affairs.

Eastern Oregon College—President A. M. Rempel; Mr. E. G. Meuli, Business Manager; Dr. R. S. Perry, Dean of Administration.

Oregon Technical Institute—Mr. W. M. Douglass, Dean of Administration.

Division of Continuing Education—Mr. Ralph Steetle, Director of Divisional Relations; Dr. C. L. Hutchins, Executive Secretary, Educational Media Council.


MINUTES

APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on January 23-24, 1967, and of the special meeting held on February 4, 1967, and approved them as printed in the docket.

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

Confirmation of Institutional Degree Lists

In accordance with Board regulations, Mr. Ancil H. Payne represented the Board at the 1966 Fall Commencement exercises of the University of Oregon and acted for the Board in approving candidates for degrees and diplomas.

The signed copy of the list of approved candidates is on file in the Board's Office.

The Board approved the action confirming candidates for degrees and diplomas.
Dr. Romney presented the "Report on Net Addition of New Courses Approved by the Chancellor for 1967-68 for System Institutions in Support of Authorized Curricula," prepared by the Office of Academic Affairs, under date of March 13-14, 1967; the report, filed in the Board's Office, is considered a part of these minutes.

Dr. Romney stated that in accordance with curricular procedures adopted by the Board at its October 1962 meeting, the Chancellor has approved a net addition of 1,814 credit hours for the institutions of the State System. These approvals are effective with the summer term, for year 1967-68.

Dr. Romney commented that the net course additions for 1966-67 and those approved for 1967-68 were somewhat higher than the course additions during the preceding three years, primarily as a result of Board authorization of the following:

1. Increases in departmental major programs offered at the regional schools;

2. Expansion of graduate level programs at Portland State College;

3. Further development of departmental programs in the humanities and social sciences at Oregon State University;

4. Inauguration of three four-year programs in engineering technology at Oregon State University;

5. Development of graduate programs in special services areas at Oregon College of Education; and

6. The beginning of baccalaureate degree programs in engineering technologies at Oregon Technical Institute.

The Board accepted the report as presented.

On January 12, 1967, upon the recommendation of Portland State College officials, the Vice Chancellor for Business Affairs inspected and accepted the work performed by three of the four construction contractors for the Science Building and by the contractor for the Utility Tunnel, subject to the completion of a few minor items. The work of the laboratory fixtures contractor was not recommended for acceptance at that time and may require completion by others. A revised semifinal budget is shown below in comparison with the budget reported to the Board on September 14-15, 1964:
### Project Costs:

#### Direct construction costs:
- General work - Contractors, Inc., Portland: $1,186,944, $1,158,675, $28,269 (1)
- Mechanical work - Temp-Control Corporation, Portland: 542,827, 493,100, 49,727 (2)
- Electrical work - W. R. Grasle Co., Portland: 228,125, 175,400, 52,725 (3)

#### Total direct construction costs:
- $2,219,173, $2,013,474, $205,699

#### Professional services fees:
- 141,331, 111,065, 30,266

#### Land acquisition and clearance:
- 263,484, 258,645, 4,839

#### Furnishings and equipment:
- 123,411, 140,428, (17,017)

#### Utility tunnel:
- Direct construction costs - Lord Bros. Contractors, Inc., Portland (original) $109,000
- Engineering fees 5,450
- Contingencies (2%) 2,180
- Primary electrical service 13,835, 15,000, (1,165)
- Construction supervision and administrative costs 20,752, 33,769, (13,017)
- Contingencies - 40,269, (40,269)

#### Totals:
- $2,898,755, $2,729,280, $169,475

### Sources of Funds:

#### Revised Original Increase

<table>
<thead>
<tr>
<th>Source</th>
<th>1/12/67</th>
<th>9/14/15/64</th>
<th>(Decrease)</th>
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<tbody>
<tr>
<td>State appropriation through:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapter 611, Oregon Laws 1961</td>
<td>$ 572,500</td>
<td>$ 402,500</td>
<td>$170,000</td>
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<tr>
<td>Grants from U. S. Public Health Service</td>
<td>388,755</td>
<td>389,280</td>
<td>(525)**</td>
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<tr>
<td>General Obligation Bonds, Series 1964 (Issued under Article XI-G of the Oregon Constitution)</td>
<td>1,937,500</td>
<td>1,937,500</td>
<td>-</td>
</tr>
<tr>
<td>Totals</td>
<td>$2,898,755</td>
<td>$2,729,280</td>
<td>$169,475</td>
</tr>
</tbody>
</table>

*Budget resources revised following adjustment of $170,000 approved by State Emergency Board on December 17, 1964.

**The decrease in PHS Grant RC994 by $525 resulted in a reduction of project costs by the same amount.
(1) Includes revision of sidewalk access, changes of ceramic tile in the restrooms; modification of hardware specifications and window wall construction; substitution of zinc alloy material in lieu of galvanized steel for exterior flashing and other changes incorporated in fifteen approved change orders.

(2) Includes a revision in the alternate bid for the air compressor system, the reinstatement of certain mechanical work originally bid as alternates; changes in ventilation supply and exhaust systems; the addition of water supply lines and drains and other changes incorporated in thirteen approved change orders.

(3) Includes reinstatement of certain electrical work originally bid as alternates; installation of primary conduits for future extension into the tunnel; the furnishing and installation of complete primary power interconnection into the State Hall transformer room and other changes incorporated in thirteen approved change orders.

(4) Includes the reinstatement of certain laboratory equipment originally bid as alternates, the substitution of wood in lieu of steel laboratory equipment and other changes incorporated in eleven approved change orders.

Plans and specifications for the Science Building were prepared by Architects Skidmore, Owings & Merrill. The lower two floor levels (basement and partial sub-basement) of the five-story building are of reinforced concrete construction and form the base for the plaza level. The upper three floor levels have a structural steel frame, fireproofed with concrete, supporting concrete floors and roof.

Vertical stair towers and mechanical shafts of reinforced concrete construction add horizontal stiffness to long span floor beams which are supported on free-standing columns at the plaza level. All exposed exterior concrete is textured by sandblasting or by leaving the aggregate exposed. Window and entrance door frames are of color-anodized aluminum. The direct construction costs of $2,219,173, including laboratory fixtures, average approximately $24.34 per square foot for the gross area of 91,164 square feet.

Plans and specifications for the utility tunnel, which extends to the Science Building from State Hall along S. W. Mill Street, were prepared by J. Donald Kroeker & Associates, consulting engineers of Portland.

The Board accepted the report as presented.
Report of Bids for Human Research Building, UO

At the special meeting of the Board on February 4, 1967, authorization was granted to the appropriate Board officials to increase the expenditure limitation applicable to the proposed Human Research Building at the University of Oregon from $470,000 to a maximum of $485,000 with the understanding that a complete report of the bids received and the budget for the project would be presented to the Board at the March 1967 meeting.

Upon the recommendation of President Flemming, with the concurrence of the Chancellor, the project budget was increased from $470,000 to $475,000, with the expectation that funds for the planning, constructing and equipping of the facilities would be provided from the following resources:

Federal grant funds:
- National Science Foundation $140,800
- U. S. Public Health Service 67,500
- State Restoration Fund (for replacement of institutional facilities which were destroyed by fire) 167,104
- Institutional resources, principally from indirect cost allowances from instructional and research contracts and grants 99,596
  Total $475,000

A recommendation was then presented to the capital construction subcommittee of the Joint Committee on Ways and Means of the 1967 Legislature to obtain legislative authorization for the Human Research Building. It was noted that seven bids had been received for the construction on February 2, 1967, ranging from $417,000 to $470,697. Based upon these bids, the following budget was recommended for the project:

Direct construction - Paul and Backer Company, Eugene $417,000
- Professional services fees 30,128
- Furnishings and equipment 6,000
- Construction supervision and other physical plant costs, including site clearance 11,447
- Contingencies (2.5% of direct construction costs) 10,425
  Total $475,000

Although it was indicated to the members of the legislative subcommittee that the grant funds from the National Science Foundation would need to be committed prior to March 31, 1967, favorable action on the motion to recommend approval of House Joint Resolution 11, which would authorize the construction of the project, was not obtained. Several members of the subcommittee expressed reluctance in authorizing this project before a determination had been made of the various capital outlay projects assigned higher priority in the Board’s request and incorporated within the budget recommendations of Governor McCall.
The bid of Paul and Backer Company is valid for a 45-day period from February 2, 1967, and can be extended for an additional 30 days upon payment of an additional $5,000. Pending a final determination of the legislative reaction to the proposal to construct the Human Research Building, the project is being held in abeyance.

The Board accepted the report as presented.

Bids for the expansion of Parker Stadium at Oregon State University were received in Corvallis on February 7, 1967. After deducting several alternates, such as the omission of the elevator to the press box and the deletion of a portion of the concession and restroom space, etc., the seven bids received ranged from $481,332 to $587,588.

Upon the recommendation of Oregon State University officials, a contract award was made to the low bidder, Charles T. Parker Construction Co., Portland, and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Direct construction cost - Charles T. Parker</td>
<td>$481,332</td>
</tr>
<tr>
<td>Construction Co., Portland</td>
<td></td>
</tr>
<tr>
<td>Professional services fees</td>
<td>$49,200</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>$4,500</td>
</tr>
<tr>
<td>Physical plant costs, including soil studies</td>
<td>$10,786</td>
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<tr>
<td>Contingencies</td>
<td>$19,253</td>
</tr>
<tr>
<td>Total</td>
<td>$565,071</td>
</tr>
</tbody>
</table>

In addition, $34,929 was expended for the end zone corner seating which was completed in the fall of 1966 under a separate contract.

Initially, the $600,000 funds for the entire project are being provided in the amount of $162,399.34 from donations received through the Oregon State University Foundation and $437,600.66 from Intercollegiate Athletics receipts. It is expected that with the additional future payment of pledges to the Foundation, the ultimate financing will involve $250,000 of gifts and $350,000 of athletics receipts.

Plans and specifications for the Parker Stadium Addition were prepared by Engineer Donald J. Zarosinski of Portland. The existing press box will be removed, approximately 8,500 stadium seats will be added, a new press box will be constructed and additional restrooms and concession stands will be provided on the west side of the stadium.

The Board accepted the report as presented.
Upon the recommendation of Portland State College officials, arrangements have been made for the professional services of Architects Campbell-Michael-Yost for the design and construction supervision of certain elevated walkways contemplated by the long-range development plan for the institution. A portion of this work would be undertaken in connection with Priority No. 7 of the capital construction program for 1967-1969 (Pedestrian Traffic, Cooling and Improvements to South Park Hall) and other portions of the work would relate to the construction of Science II, Priority No. 16 in the 1967-1969 program.

For their services relating to the following three construction elements, the fee would be 8.0 percent of the direct construction costs:

a. Lower level bridge between South Park Hall and College Center;

b. Connecting link between the bridge described in item (a) and the new parking structure in Block 191 east of Broadway; and

c. Connecting link between the proposed College Services Building and the existing bridge which connects State Hall and the College Center.

For the overhead mall which would extend westerly from the bridge between State Hall and the College Center to the proposed Science II unit, and for the connecting link between Science I and Science II, the professional services fee would be 6.0 percent of the direct construction costs.

Tentatively, it is estimated that all of these elevated walkways would cost approximately $547,000. Funds required for the preliminary planning are being provided from redirected auxiliary enterprises net income and student building fees pursuant to authorization granted by the Board in April 1966.

The Board accepted the report as presented.

At the September 13, 1960, meeting of the Board, procedures were outlined for the formal inspection and acceptance of major capital construction projects, including authorization to the Comptroller (subsequently redesignated as Vice Chancellor for Business Affairs) or the Secretary to act on behalf of the Board if the Chairman of the Building Committee or another Board member was not able to be present.

Subsequently, at the July 27-28, 1964, meeting of the Board, the various policies and procedures relating to the planning, constructing, inspecting and accepting of capital outlay projects were approved by the Board, acknowledging that "Finished projects are inspected and accepted by Board's Office staff."
To avoid any possible misunderstanding as to the authority of the Board officials, or their designated representatives, in acting on behalf of the Board, the Chancellor recommended that the Administrative Code include the following provision:

The Vice Chancellor for Business Affairs, the Secretary of the Board, or other employee of the Board designated by either of them, may inspect and accept for and on behalf of the Board the work of construction contractor(s) subject to any specified qualifications. A report of the inspection and acceptance of major capital outlay projects shall be made to the Board thereafter.

It was suggested also that the actions of the Board officials in inspecting and accepting building projects in the past, for which reports have been included in the minutes of the meetings of the Board, be ratified and confirmed.

The Board approved the recommendations as presented.


In order to expedite the final planning of several high-priority capital outlay projects for which authorization is being requested from the 1967 Legislature, the Chancellor recommended that approximately $250,000 be allocated from student building fees and redirected auxiliary enterprises net income. These funds were originally budgeted for the 1965-1967 capital construction program, but will not be required therefor in view of the over-realization of federal grants under the Higher Education Facilities Act of 1963, as amended. The projects for which final planning would be undertaken at this time would include the Old Library-Classroom Building Remodel and the South Campus Central Heating Plant Addition (including central cooling) at Southern Oregon College, the N. E. and S. W. Units of State Hall at Portland State College, the Teaching Facilities: Women's Physical Education at the University of Oregon, and the Science Building and Central Heating Plant Improvements at Oregon College of Education, all of which are within the first ten priority positions in the Board's program for 1967-1969 endorsed by Governor McCull.

The recommended allocation of approximately $250,000 would supplement the earlier commitment of approximately $350,000 for architectural/engineering planning which the Board authorized in April 1966. It is the understanding that, to the extent possible, such funds would be returned to the revolving fund created from student building fees and redirected net income from auxiliary enterprises when funds are appropriated for the construction of the projects.

The Board approved the recommendation as presented.
President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Pitts property located within the approved projected campus boundaries at 2900 Orchard Street, Corvallis. The owners have indicated a desire to sell and have executed an option for $9,250, in line with Board appraisals. The property consists of a lot containing approximately 5,000 square feet improved with a one-story frame residence. The property is expected to be used as part of the site for an addition to Withycombe Hall. Purchase funds are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Lindseth property located within the approved projected campus boundaries at 54-54-1/2 North 26th Street, Corvallis. The owners have indicated a desire to sell and have executed an option in the amount of $14,850 which is in line with Board appraisals. The property consists of a lot containing approximately 7,500 square feet on which are located two residential buildings presently utilized for student rentals. The property is in the area designated for educational and general purposes and is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, or the proceeds of the sale of Article XI-G Series 1964 bonds.

The Board approved the recommendation as presented.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Kane property located within the approved projected campus boundaries at 129 South Ninth Street, Corvallis. The owners have indicated a desire to sell and have executed an option in the amount of $20,000 which is in line with Board appraisals. The property consists of a lot containing approximately 5,000 square feet improved with a 2-1/2-story frame residence which is being used as a rooming house for students. The property is located in an area designated for general campus purposes, and the purchase is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, or from the proceeds of Article XI-G, Series 1964, bonds.

The Board approved the recommendation as presented.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Co-Resident Women Property, known as "Winston House," located within the approved projected campus boundaries at 58 North 26th Street, Corvallis, Oregon. The cooperative organization has indicated a desire to sell, and has executed an option for $30,000, in line with Board appraisals.
The property consists of a lot containing approximately 7,500 square feet, improved with a large two-story frame building. It now serves as a residence hall for approximately 30 women.

It is expected that the property will be needed as a part of the site of the Earth Science Building or additions thereto, and the purchase is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.

President Rempel, with the concurrence of the Chancellor, recommended that authorization be given to purchase the McLaughlin property located within the approved projected campus boundaries at 501 Sixth Street, La Grande. The owner has indicated a desire to sell and has executed an option for $4,000, in line with Board appraisals. The property consists of two lots containing approximately 14,400 square feet improved with a small frame residence. The acquisition is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, inasmuch as the property is needed for general campus development. It is expected, though, that if the property is developed for auxiliary enterprise purposes, such as for parking, then appropriate adjustment will be made between the different classes of capital outlay funds in an amount presently expected to be equal to the original acquisition cost plus compound interest thereon at the rate of 3.5 percent.

The Board approved the recommendation as presented.

President Rempel, with the concurrence of the Chancellor recommended that authorization be given to purchase the Simmons property located within the approved projected campus boundaries at 401 Sixth Street, La Grande. The owners have indicated a desire to sell and have executed an option for $4,925, in line with Board appraisals. The property consists of two lots containing approximately 14,600 square feet improved with a small frame residence. The acquisition is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, inasmuch as the property is needed for general campus development. It is expected, though, that if the property is developed for auxiliary enterprise purposes, such as for parking, then appropriate adjustment will be made between the different classes of capital outlay funds in an amount presently expected to be equal to the original acquisition cost plus compound interest thereon at the rate of 3.5 percent.

The Board approved the recommendation as presented.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the McKern property located within the approved projected campus boundaries at 1848 Moss Street, Eugene. The owners have indicated a desire to sell and have executed an option in the amount of $17,250 which is in line with Board appraisals. The property consists of a lot containing approximately
9,600 square feet improved with a one-story frame residence. The property is in the area designated for future dormitory development and funds for the acquisition are to be provided from the proceeds of the sale of Article XI-F(1) Series 1963B bonds.

The Board approved the recommendation as presented.

As reported to the Board on June 25, 1966, Architects Campbell-Michael-Yost were commissioned to assist the staff of Portland State College in the design and construction supervision of additional science facilities, a portion of which are being requested as Priority No. 16 in the Board's capital construction program for 1967-1969. Subsequently, in October, the Board reviewed and approved the long-range development plan for the institution which, among other matters, reflected the siting of the additional science facilities in the area south and southwest of the first Science Building, recently completed.

Institutional officials and the architects have filed with the Board's Office conceptual studies for the next two units of the Science Building involving a gross area of approximately 385,800 square feet, including underground parking, to be located in the two-block area between S. W. Mill and S. W. Harrison Streets and between S. W. Tenth and S. W. Eleventh Avenues. The first increment, identified as Science II, would be sited in the block immediately south of Science I and west of the Ione Plaza and would contain a gross area of 200,176 square feet. It would extend southerly across S. W. Montgomery Street and would be connected with an elevated pedestrian walkway extending easterly to the bridge between State Hall and the College Center Building. Two basement levels would be provided for automotive parking, accommodating approximately 196 cars within a gross area of about 66,052 square feet. (These basement areas would have sufficient ceiling heights to permit their conversion to other uses in the future if it appeared advisable to discontinue automotive parking.) A total of approximately 10,640 square feet would be provided for food service facilities within the next two floor levels at the south end of the building and the remainder of the structure would provide classrooms, laboratories, offices and related service areas for instruction and research in the various science disciplines. The building would contain a total of six floor levels plus a partial subbasement mechanical room. It would be constructed principally of concrete, both precast and poured-in-place, with some exterior brick veneer. A pedestrian bridge connection with Science I would be provided at the mall level across S. W. Mill Street.

Based upon the price level expected to prevail early in 1968, when bids for the project may be solicited following legislative authorization, it is estimated that the direct construction costs would be about $4,965,077, excluding fixed equipment of approximately $722,800 and excluding $270,303 budgeted for an addition to the central heating and cooling plant being designed by J. Donald Kroeker & Associates, consulting engineers. For that
portion of the building assigned to automotive parking, the
direct construction costs would average about $6.50 per square
foot. For the food service facilities, the estimated direct
construction costs would average about $23.00 per square foot.
For the science facilities, excluding laboratory fixtures,
utility services provided from the central heating and cooling
plant adjacent to the Physical Education Building, and the costs
of the elevated mall over S. W. Montgomery Street and the bridge
to Science I, it is estimated that the direct construction costs
would average about $31.76 per square foot.

The estimated total project cost of $7,045,000 would be financed
as follows:

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
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<td>From state funds (for the educational</td>
<td>$6,210,000</td>
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<tr>
<td>and general plant)</td>
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<tr>
<td>From restricted funds, including self-</td>
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<tr>
<td>liquidating bond borrowings:</td>
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<tr>
<td>For parking facilities</td>
<td>$490,000</td>
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<tr>
<td>For food service facilities</td>
<td>345,000</td>
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<tr>
<td>Total</td>
<td>835,000</td>
</tr>
<tr>
<td></td>
<td>$7,045,000</td>
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The requirements for parking are $215,000 more than had been esti-
imated when the capital construction program for 1967-1969 was
formulated but this is due principally to an increase in the
area and in the capacity thereof from 116 to 192 cars. With the
consent of the Board, funds needed to finance this increase
could be transferred from the budget of Priority No. 33, Parking
Structure II, in the same manner that an adjustment was approved
in October 1966 for automotive parking beneath the proposed College
Services Building. The reduced budget for Parking Structure II
would be $940,000.

It is noted that the conceptual studies of future science facil-
ities, as prepared by the architects, rearrange the siting of
individual future building units in such a way that the block
west of Science I would be released from possible use for a
parking structure and would be available, therefore, for the
construction of academic facilities, if necessary or desirable.

The architects have been working in close consultation with
Earl L. Walls & Associates of La Jolla, California, specialists
in laboratory design who have developed basic schemes for the
utility systems required for the various science laboratories
in Science II.

With the concurrence of the Chancellor, President Millar recom-
mended that the conceptual studies of Science II and III be
approved, that the basic studies for Science II be approved, and
that the appropriate Board officials be authorized to instruct
the architects and engineers to complete the preliminary plans
for Science II and the necessary addition to the southwest central
heating and cooling plant, based upon a total direct construction
cost allowance of $5,235,380, excluding built-in laboratory fixtures. It was also recommended that the capital construction program for 1967-1969 be modified to increase the total project cost for Science II from $6,830,000 to $7,045,000 with the understanding that a corresponding adjustment of $215,000 will be made as a decrease in the estimated cost of Portland State College Parking Structure II, Priority No. 33.

There was extensive discussion of the relative costs of underground parking as compared to parking structures above ground. It was estimated that exclusive of land costs the cost of understructure parking would be 40 percent higher than above-ground parking structures. It was pointed out that parking is intended to be self-supporting and self-amortizing but that if the parking in this particular structure did not prove to be financially feasible, the design of the building provided flexibility for the space to be converted to non-parking use.

Mr. W. T. Lemman, Director of Business Affairs, indicated that a number of plans were being considered for parking charges in order to produce the necessary income to make the parking self-supporting and self-amortizing. The financial studies indicate that it is feasible but difficult to obtain the required income.

It was stated also that if the underground parking were not included in Science II and the other buildings in which underground parking is planned, it would be necessary to build approximately nine parking structures above ground on the perimeter of the campus. The architects stated that underground parking was particularly efficient in this structure because of the long, flat parking areas which are available because of the design of the building and the nature of the site.

The Board approved the recommendations as presented.

As noted in a separate agenda item, arrangements have been made with Architects Campbell, Michael, Yost to assist the staff of Portland State College in the design and construction supervision of various pedestrian walkways contemplated in the long-range development plan presented to the Board at the October 1966 meeting.

The architects and institutional officials have filed with the Board's Office the preliminary plans for the pedestrian overpass across S. W. Broadway at S. W. Harrison Street which would connect the existing parking structure with a lower level of the bridge between the College Center and South Park Hall. This span across S. W. Broadway would be 12 feet in width and would be supported by U-shaped precast concrete units. At its eastern terminus, access would be available to the parking structure at a stairwell landing between the third and fourth floor levels. Provision would be made for a future connection to the parking facilities which are proposed for construction in Block 190, immediately north of the present parking structure.
At the western terminus, the proposed span across S. W. Broadway would be connected to a proposed lower level of the bridge between the College Center and South Park Hall. This bridge would be approximately 36 feet wide, approximately twice the width of the existing upper level walkway, and would be open on the east and the west for future pedestrian traffic to other college facilities such as the proposed Science III.

Based upon the price level expected to prevail early in 1968 when bids for the elevated walkways can be obtained following legislative authorization, it is expected that the direct construction costs of the span across S. W. Broadway and the lower level bridge across S. W. Harrison Street will be approximately $110,900. This work constitutes a part of Priority No. 7 (Pedestrian Traffic, Cooling and Improvements to South Park Hall) for which the total project costs are estimated to be $205,000, except for a $30,000 item budgeted from the parking structure addition now being completed. (The earlier design of the bridge across S. W. Broadway, prepared by Architects Wolff/Zimmer/Gunsul/Frasca, has been abandoned in order to integrate this unit with the remaining portions of the elevated walkway system at Portland State College.)

With the concurrence of the Chancellor, President Millar recommended the approval of the preliminary plans for the elevated walkway across S. W. Broadway at S. W. Harrison Street and for the lower level bridge between the College Center and South Park Hall. It was also recommended that the appropriate Board officials be authorized to instruct the architects to proceed with the preparation of final plans and specifications for this work when funds are available.

The Board approved the recommendations as presented.

As noted in the minutes of the January 23-24, 1967, meeting of the Board, Architects Wilmsen, Endicott & Unthank of Eugene were authorized to prepare preliminary plans for Units C, D, and E and food service facilities within the Greensprings Dormitory Complex at Southern Oregon College. This project is included as Priority No. 13 in the Board's capital construction program for 1967-1969.

Institutional officials and the architects have filed with the Board's Office the completed preliminary plans for the additional residence hall units, dining rooms and central kitchen facilities which are in substantial agreement with the conceptual studies reviewed with the Board on March 7-8, 1966, when the design of the initial two units was presented. Units A and B, now under construction and expected to be completed prior to the fall term 1967, will provide housing accommodations for 192 students. The proposed additional facilities for which authorization is being requested from the 1967 Legislature would accommodate 295 students within a gross area of 74,250 square feet. The multi-story residence halls would be of reinforced concrete construction with space arrangements almost identical with those of the initial
units. A portion of the centralized food service facilities would be located under Unit E with the remainder as a one-story development plus basement. Utility services would be provided through the tunnel connection to the north campus central heating plant located within the Physical Education Building across Webster Street.

Based upon the price level expected to prevail in mid-1967 when bids for the project may be solicited following legislative authorization, it is estimated that the direct construction costs will be approximately $1,509,000 or $20.32 per square foot, including built-in study room furniture. The total project cost estimate is $1,900,000, including funds required for the acquisition of two commercial properties, a laundromat and a service station, needed for the project development.

With the concurrence of the Chancellor, President Stevenson recommended the acceptance of the preliminary plans for Units C, D and E and food service facilities within the Greensprings Dormitory Complex as prepared by Architects Wilmsen, Endicott & Unthank. It was also recommended that the appropriate Board officials be authorized to instruct the architects to complete the final plans and specifications for this project within a direct construction cost allowance of $1,509,000 so that construction bids may be solicited following appropriate legislative authorization. It is anticipated that the additional housing accommodations will need to be available for occupancy in the fall term 1968.

The Board approved the recommendations as presented.

Basic Studies for Forestry Building, OSU

As reported to the Board on October 24, 1966, Architects Hamlin & Martin of Eugene were authorized to prepare basic studies for the proposed Forestry Building at Oregon State University. This project is included as Priority No. 23 in the Board's capital construction program for 1967-1969 at a total estimated cost of $2,365,000.

Institutional officials and the architects have filed with the Board's Office a copy of the basic studies for the Forestry Building involving construction of approximately 80,092 square feet at a site adjacent to the federal Forest Sciences Laboratory Building, west of the mall and south of Jefferson Street, consistent with the long-range campus plan. The building would consist of a full basement level of reinforced concrete construction and two floors of heavy timber construction using glue-laminated columns, beams and purlins with heavy decking at floors and roof. Future expansion would be obtained through the construction of a new wing south of the main building connected to the main structure by an arcade.

Within the basement area, which has access to the service entrance, provision is made for field equipment and supplies, student locker rooms, and various instructional and research laboratories, such
as silviculture, wood physics and wood mechanics, microscopy, wood chemistry, pulp and paper, hydrology, physiology, etc. The major portion of the main floor area is to be used for departmental and staff offices, a 169-seat lecture room and laboratories for aerial photography and wood technology. Access to an interior landscaped court would be provided through large covered breezeways near the entrances to the building. On the upper level, provision is made for additional faculty offices, the climatology-environment laboratory, several teaching laboratories such as drafting, computation, dendrology, fire control, etc., and other instructional spaces including the audio-visual center for the School of Forestry. A total of approximately 430 laboratory student stations would be provided in the building and an additional 45 stations are planned in seminar rooms. Office accommodations are to be provided for about 60 staff members.

Based upon the price level expected to prevail in 1968, it is estimated that the direct construction costs will be approximately $1,983,000 including landscaping and air conditioning. For the gross area of 80,092 square feet, these costs would average approximately $24.76 per square foot. Except for such federal grants as may be available under the Higher Education Facilities Act of 1963, as amended, it is anticipated that funds required for the Forestry Building would be provided from state appropriations or bond borrowings.

With the concurrence of the Chancellor, President Jensen recommended the approval of the basic studies for the proposed Forestry Building at Oregon State University and recommended also that the appropriate Board officials be authorized to instruct the architects to complete the preliminary plans for the project. Funds required for the preliminary architectural planning are being provided from an interest-free advance from restricted fund budgets, such as the McDonald Forest Endowment, controlled by the School of Forestry, with the understanding that the advance is to be repaid when funds are available for the construction of the project.

The Board approved the recommendations as presented.

Leasing of 1.9 Acres of Land to U. S. Forest Service, OSU

The February 3, 1961, lease between the Board and the federal government provides a three-acre state-owned site for a federal Forest Science Laboratory located on Jefferson Street between the Mall and 35th Street. The building was completed in 1962 at a cost of approximately $1,500,000.

The lease, which extends to February 2, 2011, may be renewed for an additional 49 years.

The U. S. Forest Service has developed plans to provide for additional building facilities, outdoor research facilities and automotive parking space, to cost approximately $2,500,000. To meet this expanded program, it seeks to lease an additional 1.9 acres of land to the
south and west of the existing three-acre tract. Structures or facilities to be provided on the additional leased land would be compatible with architectural and construction standards of Oregon State University for similar facilities. In the event construction of additional facilities is not provided for by June 30, 1971, the Board would have the right to terminate the lease for the added land.

President Jensen with the concurrence of the Chancellor, recommended that authorization be given to the appropriate Board officials to execute a lease modification for the additional 1.9 acres.

Mr. Hunderup introduced Mr. A. T. DiBenedetto, Architect for the U. S. Forest Service, who presented a model of the building facilities which the U. S. Forest Service expects to construct on the additional land requested under the lease agreement. Mr. DiBenedetto indicated that the planning funds have been made available to the Forest Service but that it would be necessary for Congress to appropriate the funds before construction could be undertaken. He said that the expanded research facilities are expected to serve Oregon, Washington, and Alaska.

President Jensen and Dr. Carl H. Stoltenberg, Dean of the School of Forestry, stated that the proposed U. S. Forest Service facility and the proposed Forestry Building at Oregon State University would permit many cooperative arrangements between the students and staff of the two organizations.

The Board approved the recommendations as presented.

On June 14, 1966, the Board was advised of the appointment of Engineers W. Bruce Morrison & Associates, Inc., of Portland to assist the staff of Oregon State University in preparing plans and specifications for the proposed utility tunnel extension for which funds in the amount of $365,000 have been requested as Priority No. 22 in the Board's capital construction program for 1967-1969. Basic studies for this project have been completed by the engineers and have been filed with the Board's Office.

To complete the third utility tunnel loop contemplated by the original study prepared by the engineers in 1950, it is proposed that approximately 850 feet of tunnel be constructed along Campus Way from Cordley Hall to the West Mall and an additional 800 feet be constructed along the West Mall between Campus Way and Jefferson Street. The tunnel would be approximately 6 feet wide and 7 feet high and would be equipped with steam and electrical service lines. The project would also include steam conduits from the tunnel to the greenhouse complex located west of the Food Technology Building and to the connection for the Radiation Center along Jefferson
Street. It would also include revisions in the sanitary sewer, storm sewer, gas and water systems and would provide electrical services for a number of buildings in the west portion of the campus, permitting the replacement of overhead lines.

Based upon the price level expected to prevail in 1968 when bids for the project may be received, if authorized by the 1967 Legislature, it is estimated that the direct construction costs will be approximately $330,066 and that the total project costs will be $365,000. Funds are to be provided from state appropriations or bond borrowings applicable to the educational and general plant.

With the concurrence of the Chancellor, President Jensen recommended that the basic studies for the utility tunnel extension, as prepared by W. Bruce Morrison & Associates, Inc., consulting engineers, be approved and that the appropriate Board officials be authorized to instruct the engineers to complete the preliminary and final planning for the project when funds are available therefor.

The Board approved the recommendation as presented.

At the July 1966 Board meeting, the projected campus boundaries of the University of Oregon were expanded to include the property of the Eugene Sand & Gravel Company. The tract consists of substantially unimproved property used in connection with the owners' business containing approximately 63.67 acres, of which about 33.50 acres are underwater and about 30.17 acres are considered usable land above the river level. Access to the property is at the extreme south-west end of the tract.

Title to the property is held in trust by a bank for several persons and the sale is subject to authorization by the interested parties. The owners will not state an asking price for the property but they have indicated that if there is a real purchase interest on behalf of the University, a firm offer should be made.

The University anticipates the need for the property for both educational and general purposes and also for auxiliary enterprise purposes especially for automotive parking. The greatest near-term use is stated to be for parking.

The acquisition cost of the property is expected to be financed from a combination of proceeds of Article XI-F(1) bond moneys relating to auxiliary enterprises such as for parking and from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, for the portion to be used for educational and general purposes. The amount of moneys to be provided from each of these two sources will be determined later in consultation with the Executive Committee and report thereof made to the Board. In the event future reallocation of land use between auxiliary enterprise and educational and general purposes is made, it is expected that at that time appropriate adjustment would be made between the sources of funds used including payment of interest compounded at the rate of 3.50 percent per year.
Inasmuch as Article XI-F(1) bond moneys are intended to be used to provide part of the financing for the property acquisition, the University, pursuant to the State Constitution and law, intends to establish an organized automotive parking program for the auxiliary enterprise and to charge for parking. Approximately 2,100 spaces are now available for parking on the main campus and the entire Eugene Sand & Gravel Company property could be developed into automotive parking for approximately 3,000 additional spaces.

The expected annual income for the 2,100 spaces appears to be sufficient to pay all related operating expenses and to meet the Board's standards relating to debt service on Article XI-F(1) bonds.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the indicated property. The offering price to be made by the Vice Chancellor for Business Affairs shall not exceed that authorized by the Executive Committee of the Board.

It is recognized that negotiations to date have not resulted in a mutually satisfactory value of the property being developed, and also that continued negotiations may not result in a determination of a mutually satisfactory purchase price. It was also recommended, therefore, that the following resolution be adopted by roll call vote:

RESOLUTION

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

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

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

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

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

Beginning at the monument marking the intersection of the centerlines of East Broadway and Hilyard Street in the City of Eugene, Oregon; thence,

East 76.91 feet and
North 427.43 feet to an iron pin marking the TRUE POINT OF BEGINNING; thence,

S51°13' E 335.55 feet along a line parallel with and 90 feet northeasterly from, when measured at right angles to, the original centerline of the Southern Pacific Railroad track and right of way to its intersection with the northerly line of the Southern Pacific Company's railroad right of way; thence,

along said right of way line and an arc of a curve to the left having a radius of 2834.79 feet, said curve being concentric with and 30 feet northeasterly from the centerline of tracks as relocated in 1941, to a point opposite to and 30 feet northeasterly from Engineer's centerline station 1008+00; which point bears

S69°15'E 784.16 feet from the last described point; thence,

N12°48'E 40.00 feet along a radius line of said curve to a point; thence,

along the arc of a curve to the left having a radius of 2794.79 feet and along said right of way line, being concentric with and 70 feet northeasterly from the centerline of the relocated tracks to a point opposite to Engineer's centerline station 1009+00 and bearing

S78°12'E 97.55 feet from the last described point; thence,

N10°48'E 60.00 feet along a radius line of said curve to a point; thence,

along the arc of a curve to the left having a radius of 2734.79 feet and along said right of way line, being concentric with and 130 feet northeasterly from the centerline of the relocated tracks to a point opposite to Engineer's centerline station 1012+57.87 and bearing
S82°46'46"E 341.47 feet from the last described point; thence, along a spiral curve to the left and said right of way line, being concentric with and 130 feet northerly from the centerline of the relocated tracks (L=400, S=4°00', a=0.5) to a point opposite to Engineer's centerline station 1016+57.87 and bearing

S89°02'30"E 390.86 feet from the last described point; thence,

N89°38'30"E 982.04 feet continuing along said right of way line, being parallel with and 130 feet northerly from the centerline of the relocated tracks to a point opposite to Engineer's centerline station 1026+39.91; thence,

continuing along said right of way line and a spiral curve to the right, being concentric with and 130 feet northerly from the centerline of the right of way as established by the Oregon State Highway Department (being a spiral curve to the right in which L=400, S=4°00', a=0.5) to a point opposite to Engineer's centerline station 1030+39.91 and bearing

S89°00'30"E 408.99 feet from the last described point; thence,

continuing along said right of way line and the arc of a curve to the right having a radius of 2994.79 feet, being concentric with and 130 feet northerly from the centerline of the right of way as established by the Oregon State Highway Department, to a point opposite to Engineer's centerline station 1038+00 and bearing

S78°45'30"E 792.25 feet from the last described point; thence,

N18°50'30"E 200.00 feet along a radius line of said curve to a point; thence,

S53°47'30"E 757.94 feet to the angle point in the north line of Lot 14, Block 1 of the Amended Plat of Fairmount, according to the plat thereof recorded in Volume 2 of plats, page 12, records of Lane County, Oregon; thence,

N84°29'E 344.51 feet to a point in the center of the Willamette River as it existed in 1958; thence,

continuing along the center of said river the following courses and distances;

N57°41'15"W 1283.79 feet thence,
N70°28'15"W 683.75 feet thence,
N76°44'50"W 1060.00 feet to its intersection with the south line of the John C. Leasure Donation Land Claim No. 65, Township 17 South, Range 3 West of the Willamette Meridian; thence,

leaving the center of said river and running
2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, free and clear of all interests of every kind and nature, is necessary to carry out the proposed expansion and development program.

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

Dr. John E. Lallas, Director, Office of Planning and Institutional Research, described the property in detail and indicated the minimum development which would be necessary to make it suitable for parking use. He presented the comparative distances from the proposed and existing parking lots to the center of the campus. There was discussion about the need for signal lights at the pedestrian crossing over the railroad, the responsibility for financing warning lights, and the agreement required from the railroad company to install the signals.
In response to questions about financing of the purchase and the
necessary developments, it was stated that a tentative parking fee
schedule to provide the necessary funds is being considered as
follows:

<table>
<thead>
<tr>
<th>Car Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty and staff cars</td>
<td>$15 per fiscal year</td>
</tr>
<tr>
<td>Students' cars</td>
<td>$8</td>
</tr>
<tr>
<td>Dormitory students' cars</td>
<td>$30</td>
</tr>
<tr>
<td>Students' motorcycles</td>
<td>$5</td>
</tr>
<tr>
<td>Summer session students' cars</td>
<td></td>
</tr>
</tbody>
</table>

It was indicated that the higher fee contemplated for dormitory
students' cars was based on the fact that essentially their cars
would be occupying a spot on a permanent basis.

The Board approved the recommendation to authorize the purchase of
the property with the price offer to be made by the Vice Chancellor
for Business Affairs within the amount authorized by the Executive
Committee of the Board.

Mr. Layman indicated that he had voted in favor of the acquisition
of the property but that he would vote against the condemnation
resolution because, in his opinion, the action was premature since
apparently sufficient negotiations had not taken place to the
extent which normally should precede the adoption of a resolution
exercising the state's power of eminent domain. Secondly, as a
matter of procedure, he said it would be preferable to have the
complete condemnation resolution presented for Board consideration
and roll call vote.

Board and University officials indicated that there had been exten-
sive negotiations to acquire the property over a long period of time
but that it had not been possible to secure an option or an asking
price from the owners. It was pointed out that a delay in passing
the condemnation resolution might result in either a sale of the
property to another party or it might result in the necessity to
pay a higher price to acquire the property at a later date. The
Chancellor said that the purpose of the condemnation resolution
was to avoid the risk of an unusual increase in the value of the
property at a later date at the time the acquisition was made.
He said it could, of course, reach the point where the recommendation
to acquire the property might need to be changed because it could
not be financed within the funds available.

It was moved by Director Holloway and seconded by Director Purvine
that the condemnation resolution be adopted on roll call vote.

Those voting yes: Directors Joss, Purvine, and Holloway.

Those voting no: Directors Forrester, Johnson, Layman, Snider, and
Yasui.

The President of the Board thereupon declared that the motion was
defeated.
Pursuant to authorization granted by the Board on September 13-14, 1966, an agreement was executed with the Kingsford Company of Louisville, Kentucky, a manufacturer of charcoal briquets, to furnish all available fly ash produced in the Central Heating Plant at the University of Oregon for the manufacture of charcoal briquets at the company's plant in the Eugene-Springfield area. It was estimated that the total cost of making modifications to the University's heating equipment, including engineering design, would be approximately $25,000 and that funds required therefor would be advanced by the company with the understanding that the proceeds from the sale of the fly ash at $15 per ton would be used to amortize the advance plus interest on the unpaid balance at 6.0 percent per annum. Thereafter, the company would pay the University $15 per ton for all material delivered.

Following the completion of plans and specifications by Engineers J. Donald Kroeke & Associates, advice was given to officials of the Kingsford Company that the estimated cost of making modifications to the University's equipment was substantially more than the pre-design estimate. To determine the exact requirements, the company requested that bids for the project be solicited. Based upon the lowest of the five bids received on March 9, 1967, which ranged from $45,200 to $79,678, it has been reported to the company that the project budget would be approximately $52,000, including fees, construction supervision, miscellaneous costs and a nominal amount for contingencies. Notice of the company's decision has not been received but it is expected within the very near future. It is estimated that the amortization period will cover from two and one-half to four years, depending upon the quantities of fly ash obtainable from regular operations.

With the concurrence of the Chancellor, President Flemming recommended that the appropriate Board officials be authorized to amend the agreement with the Kingsford Company to provide for their investment of approximately $52,000 in modifications to the equipment in the Central Heating and Power Plant at the University of Oregon in lieu of the earlier limitation of $25,000. If such a modification is approved by the company and funds are deposited with the University to cover the total project costs, then a contract award would be made to the low bidder, Steel Structures, Inc., in the amount of $45,200.

The Board approved the recommendation as presented.

At the March 7-8, 1966, meeting, the Board authorized expenditures in the total amount of $135,000 for the planning, constructing and equipping of a new feed manufacturing center at Oregon State University. It was indicated that $110,000 was available from the 1963 state appropriation for agricultural research service buildings and that a grant of $25,000 had been received from the U. S. Department of Agriculture.
The planning of this project has been done in collaboration with members of the Oregon Feed, Seed and Suppliers Association and with the assistance of Reid-Strutt Company, Inc., and Werner S. Storch and Associates, Inc., consulting engineers. Various portions of the work have been contracted separately over a two-year period. The work has included modifications to an existing Butler building west of Thirty-fifth Street, south of the beef barn, as well as the acquisition of various items of new and used equipment. Based upon bids received in Corvallis on March 2 for the final two phases of the work, it appears necessary to increase the project budget from $135,000 to $175,000. The additional funds are available to the institution from facility research grants from the U. S. Department of Agriculture ($12,604) and from fees and sales balances accumulated by the Agricultural Experiment Stations ($27,396).

With the concurrence of the Chancellor, President Jensen recommended that the expenditure limitation for the planning, constructing and equipping of the feed processing facilities at Oregon State University be increased from $135,000 to $175,000 and that the appropriate Board officials be authorized to award the construction contracts for the remaining portions of the work with the understanding that the additional funds are to be provided from federal grants and restricted fund balances available to the Agricultural Experiment Stations.

The Board approved the recommendations as presented.

The meeting was recessed at 3:15 P.M., March 13, 1967, and was reconvened at 9:00 A.M., March 14, 1967, with the following Board members present:

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

Absent: Mr. Ancil H. Payne was out of the state.

The Forest Research Laboratory at Oregon State University receives financial support from a forest products harvest tax, authorized by state law on so-called Class A forest lands, at the rate of five cents per thousand feet, board measure. ORS 321.035 requires the Board of Higher Education to determine as of February 16 of each year the unexpended balance of funds in the "Forest Research and Experiment Account" and also the amount budgeted for expenditures for the remainder of the current fiscal year and for the following fiscal year. If the projected balance at the end of the following fiscal year remaining from the unexpended balance as of February 16 is not estimated to equal or exceed $400,000, then the tax during the following fiscal year shall continue at the maximum statutory rate of five cents; if the estimated balance exceeds $400,000, then there is to be a fifty percent reduction in the tax rate.
An examination of the financial condition of the Forest Research and Experiment account as of February 16, 1967, and projection of expenditures to June 30, 1968, using the formula prescribed by the statute, is as follows:

<table>
<thead>
<tr>
<th>Actual Unexpended Balance as of February 16, 1967 $285,659</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less - Budgeted Expenditures:</td>
</tr>
<tr>
<td>February 16, 1967, to June 30, 1967 $213,568</td>
</tr>
<tr>
<td>July 1, 1967, to June 30, 1968 515,713 729,281</td>
</tr>
<tr>
<td>Statutory Reserve Base as of February 16, 1967 Negative $443,622</td>
</tr>
</tbody>
</table>

President Jensen, with the concurrence of the Chancellor, recommended that, pursuant to law, the State Tax Commission be notified that the Reserve Base as of February 16, 1967, has a negative balance of $443,622.

It follows that the Forest Products Harvest Tax will continue to June 30, 1968, on Class A forest lands at the rate of five cents per thousand feet, board measure. It is expected that the income from the five cent tax during the entire period of February 16, 1967, to June 30, 1968, will total about $490,000.

The Board approved the recommendation as presented.

**Change in Hospital Fees, UOMS**

Paragraph C-7-C(5) of the Administrative Code of the Oregon State Board of Higher Education provides that changes in the schedule of charges for hospital care are to be presented to the Finance Committee of the Board for approval. The present schedule has been in effect since October 1, 1966, and needs revision to reflect the increase in costs of hospital operation, particularly recent pay increases for nursing personnel.

Dean Baird, with the concurrence of the Chancellor, recommended a new schedule of charges for hospital care to be effective April 1, 1967. A comparison with the present schedule follows:

<table>
<thead>
<tr>
<th>Present Schedule</th>
<th>Proposed Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>The charge per day for basic patient care $34.00</td>
<td>$37.00</td>
</tr>
</tbody>
</table>

Additional charge per day for special hospital diagnostic and treatment services will be in accordance with the following all inclusive rates:

<table>
<thead>
<tr>
<th>1st-4th days</th>
<th>18.00</th>
<th>18.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th-8th days</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>9th-12th days</td>
<td>14.00</td>
<td>14.00</td>
</tr>
<tr>
<td>13th day</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>14th day</td>
<td>9.00</td>
<td>9.00</td>
</tr>
<tr>
<td>15th and following days</td>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>
The above rates for special services are all inclusive with the exception of the following additional fees:

- Cardiac Catheterization $160.00
- Chromosomal Studies 120.00
- Buccal Smear 10.00
- Dermal Prints 10.00
- Special Orthopedic and Surgical Appliances At cost

The above schedules do not apply to the Premature Infant Nursery where the all inclusive rate will be $20.00 per day.

The Board approved the recommendation as presented.

Appearance of Senator Don S. Willner in Support of SB 31

President Holloway announced that Senator Don S. Willner of Portland had requested an opportunity to appear before the Board in support of Senate Bill 31.

Mrs. Elizabeth H. Johnson, Chairman of the Committee on Academic Affairs, Personnel and Public Affairs, introduced Senator Don S. Willner and said he had long had an interest in higher education and more specifically in Portland State College with which SB 31 is concerned.

Senator Willner indicated that SB 31 provides for study programs leading to doctoral degrees in selected programs at Portland State College, and, that in addition to his sponsorship, SB 31 is sponsored by a representative cross section of legislators in both houses from both parties and from all over the state. He stated that the bill asks for "tooling up" money for a two-year period so that selected doctoral degrees can go into effect starting in the fall of 1969. The bill provides also for a change in name from Portland State College to Portland State University at the time of commencement of the doctoral programs, and for General Fund appropriations during biennium 1967-1969 of $2,000,000 for preparation for doctoral programs and $758,530 for expansion of masters' programs.

He said that in response to his request, Portland State College officials had prepared a report of what they would recommend if this money were received. The report indicated that if funds were appropriated for doctoral degree programs, Portland State College would prepare for four fields on a phasing-in basis and would plan to begin offering the degree programs in the fall of 1969. The four fields referred to are environmental science, mathematical statistics, biophysics, and urban affairs. He emphasized that these four fields are mainly in science-based areas and have been chosen because they would help to meet the educational needs, the community needs and the needs of science and industry in the Portland area and would complement the work of the Oregon Graduate Center, the Primate Center, and the University of Oregon Medical School. He stated that these programs were not intended to duplicate programs in the other State System institutions but would take a problem-solving approach combining a number of disciplines.
Senator Willner said he was seeking a statement from the Board which would embody essentially the following points:

1. That Senate Bill 31 is consistent with the Board's objectives for Portland State College and that the Board favors the bill;

2. That the Board reaffirms its budget and the Governor's budget and that nothing in SB 31 should be construed as being in place of the budget presented and supported by the Board;

3. That the Board supports the objectives of SB 31 and that if the Legislature and the Governor provided this money to the Board in addition to existing Board requests, that it would be happy to use it and would carry out the objectives of the bill.

The Chancellor responded that the support which SB 31 has received from legislators and representatives of business and industry in the Portland metropolitan area served to underscore the public enthusiasm and support for the graduate education and research programs which the Board through the years has advocated. He expressed appreciation for that support.

The Chancellor called attention to the fact that the Governor's budget includes $1,680,000 for the purpose of upgrading the undergraduate programs at Portland State College and adding further graduate programs preparatory to seeking an appropriation that would enable Portland State College to offer some doctoral work, possibly in the 1969-1971 biennium.

The Chancellor said that endorsement of the expenditures called for in SB 31 for Portland State College would focus attention on several needs of the System which were included in the Board's basic going level budget but which the Governor's budget had not funded. He mentioned three of the most crucial items: (1) The Governor's budget funded only three out of 13 needed additional teaching positions at the University of Oregon Medical and Dental Schools which were requested in the "A" budget. The remainder of these positions would cost approximately $400,000 beyond the Governor's budget. In addition, another 22 positions for the Medical and Dental Schools were requested in the "C" budget. (2) The public services budgets at Oregon State University were reduced below the Board's request by about $1,400,000. Research in agriculture and forest products and related activities is high among the priorities for research in Oregon. (3) The Governor's budget does not provide any additional classified positions outside of building maintenance and repair to care for increased enrollment and the Board's request included $900,000 for this purpose in the "A" budget.
In summary, the Chancellor said that before the Board would wish to recommend that the next highest priority above the Governor's budget be placed on the $2,000,000 proposed for Portland State College, the Board might place an even higher priority on the $2,700,000 which he had identified in the three items mentioned above which had been included in the Board's "A" budget requests and more than $20,000,000 which had been included in the Board's "C" budget requests. He said that any kind of recommendation which the Board might make at this time in support of SB 31 or the "A" budget items would have the effect of reopening the Governor's budget and that he would prefer to leave this decision in the hands of the supporters of research, agriculture, and industry.

The Chancellor stated he was in full accord with the logic described in the support of SB 31 and with the proposal that in the event this money were made available to the Board that it would be spent in the way it was designated, but he did want to call the Board's attention to some even more urgent needs.

Mrs. Johnson commented that she believed everyone was agreed that Portland State College eventually should move into doctoral programs but that the difference of opinion occurred in the matter of the timetable and systematic development and in the funding. She said that the guidelines of the State System specify that following the sequential development to strengthen the undergraduate programs and the addition of master's degree programs Portland State College would move into doctoral programs in certain areas, with due consideration to the overall planning and conservation of resources in the State System. In accordance with these guidelines Portland State College will have, by the end of the next biennium, master's degree level programs in three professional fields and 12 other fields in the humanities and social sciences and sciences and will have taken preparatory steps in two other master's degree programs, providing the funds requested in the Governor's budget are appropriated by the legislature. She then described the usual procedure by which the Board would authorize requests for new programs beyond those indicated above, involving studies by Portland State College staff, by the Board's Committee on Academic Affairs and all Board members. Mrs. Johnson suggested that the Board might go on record as follows:

1. That the Board affirm its intention to continue toward the development at Portland State College of doctoral programs in selected fields and the development of Portland State College to university status in accordance with the guidelines;

2. That it propose to move vigorously in planning with Portland State College and the Board's Office in order that the Board can present to the 1969 Legislative Assembly a budget for a limited number of doctoral programs to be developed and launched at Portland State College not later than 1971-72;
3. That the Board feels that if funds were to be made available beyond the funds requested in the Governor's budget, the programs mentioned by the Chancellor would also have to be vigorously pushed. However, if the $2,000,000 were made available for Portland State College, the Board would move ahead in the direction specified in SB 31.

4. That the Board appreciates the interest of Senator Willner and others in the development of Portland State College.

Senator Willner responded that the needs of industry and the community might make it possible to start selected doctoral degrees more rapidly than had been envisioned previously by the Board's guidelines. He said the strengthening of the undergraduate program and the establishment of master's degrees fulfill the need for a systematic development of the school, but in addition it is also possible, and there is precedent, for moving ahead more rapidly in selected fields. He pointed out that Portland State College has the opportunity now before departmental lines are firmly fixed to secure faculty who would fit into the problem-solving, interdisciplinary approaches to doctoral programs that have been suggested and this opportunity might not exist four to six years from now.

In response to the point that these programs had not been presented to the Board for study and approval in the detailed form which is usually provided in the studies undertaken by the Board's Academic Affairs Committee, Senator Willner said it was intended that the bill would give Portland State College the funds to do the careful study and planning which would be necessary.

President Millar said that because this plan was introduced in January 1967, and had not been anticipated by the College, it had not been possible to present these programs to the Board in detail, including budgetary implications, which would normally be available. He said that if the bill passes and the funds are provided, the College would then present carefully formulated proposals for review by the Board.

The Chancellor indicated that there are programs available at the other institutions in the State System in the fields proposed for doctoral degrees at Portland State College. Dr. Romney said there are also several other interdisciplinary programs at other institutions in the State System of a type similar to those proposed at Portland State, including programs at Oregon State University involving biophysics and biochemistry. Mrs. Johnson mentioned also the new School of Community Affairs and Public Service of the University of Oregon.
Senator Willner said that the information which he had received indicated that the proposed programs would not be a duplication of other programs in the State System and that it was the intention of the bill that programs be developed at Portland State College which would not duplicate existing programs. Dr. Romney agreed to provide Senator Willner with additional information on interdisciplinary programs and offerings presently available at the other institutions in the State System.

Mr. Forrester stated that as a member of the Board's Academic Affairs Committee he finds that in reviewing developments at Portland State College he notes that much progress has been accomplished in a relatively short period of time. He said that this rapid progress in developing undergraduate and graduate programs at Portland State College had been made possible to a large extent by the support of Senator Willner and others who are interested in Oregon's higher education and in Portland State College.

Mr. Joss said that he was in agreement with most of what had been said but that he must put a great deal of emphasis on the "A" items in the budget where the Board has no assurance that needed programs will be adequately funded for the next biennium. He said one that particularly distressed him was the item at the Medical School for needed teaching staff which he felt had extremely high priority. He said the Board was in a situation where limited funds were available for state agencies and that it did not feel it was in a position to judge the priority of state programs generally; and that the Board believed the Governor, to the best of his ability, would do that fairly with due regard for all the demands in the state.

He stated that he would rather, however, see the funds used for the program proposed in SB 31 than to see no additional funding, either for the Medical School, or for any other need. He said it was perfectly clear from the discussion and under the previously adopted guidelines of the Board, that the Board realizes that Portland State College must have doctoral programs in selected fields quickly, and that if funds were available they would be well spent.

Mr. Snider asked, with reference to the change in name to Portland State University, if the same purpose could be served by changing "Portland State College" to "Oregon State University at Portland" or "University of Oregon at Portland" and using the administrative facilities available at the present time.

Senator Willner answered that this represented two questions: (1) Whether Oregon should go to the California system with a University of Oregon located in Eugene, Corvallis, and Portland; and (2) would the change in name solve the problem. He indicated many people had been studying the first question and he did not feel qualified to answer it without further information. In reply to
the second question, he said he would not want to change the name to Portland State University without changing something (curricular offerings) to make the name meaningful. He pointed out that SB 31 begins with doctoral programs and eventually says that when the doctoral degree programs are started, then the name should be changed. He said the name is a reflection of the fact and he would not want the name without the fact.

President Millar concluded the discussion by saying that his view of the readiness of Portland State College to undertake this task is based on the assumption that other equally essential needs in the Board's budget would be provided for. He referred particularly to the "C" budget items in support of undergraduate and master's programs at Portland State College, which would be essential to the development of any additional programs.

President Holloway thanked Senator Willner for appearing before the Board to discuss SB 31 and indicated that further consideration of the bill and the curricular program at Portland State College would be referred to the Academic Affairs Committee for report back to the Board.

President Holloway announced that the next regular meeting of the Board would be held on April 24-25, 1967, at the University of Oregon, Eugene, Oregon.

COMMUNICATIONS, PETITIONS & MEMORIALS

Resolution from Forestry Alumni Association, OSU

Resolution Adopted at the 35th Annual Meeting February 25, 1967, Corvallis, Oregon

WHEREAS, forestry plays a highly important economic and social role in the State of Oregon, and

WHEREAS, the School of Forestry at Oregon State University provides an extremely vital service in training professional forest land managers and forest products administrators, and

WHEREAS, the interest and concern of the general public continues to increase regarding the value of our forests for woods products, range forage, fisheries and wildlife, recreation, and water, and

WHEREAS, present facilities first occupied in 1917 are inadequate to meet today's requirements for new and expanded educational programs in forest management, engineering, wood products, hydrology and watershed management, and recreation,
NOW, THEREFORE, BE IT RESOLVED, that the Forestry Alumni Association urges the Fifty-Fourth Oregon Legislative Assembly to give favorable consideration to the request of the Oregon State Board of Higher Education for capital construction, with particular attention to the need for new facilities to maintain the high quality of forestry education in Oregon.

Resolution from Mr. Collins also read a resolution from the Graduate Student Council of the University of Oregon which was passed at its meeting of February 15, 1967. The resolution is contained in the following letter from Mr. Eugene Hogan, Chairman of the Graduate Student Council:

"The recent proposed tuition increase for graduate students at the University of Oregon has initiated the passage of a resolution by the Graduate Student Council of the University of Oregon. This resolution, passed at the Council's February 15, 1967 meeting, includes the following points:

Resolved: We, the members of the Graduate Student Council are opposed to the proposed increase in tuition. Before such action be taken, we recommend serious consideration by the State Board of Higher Education of the following relevant factors:

1. Effects of the proposed tuition increase upon graduate students should be reviewed in conjunction with their present economic and academic situation. (E.g., the personal, family, and social effects of increased tuition fees upon the self-supporting graduate student.)

2. Effects of the proposed tuition increase upon the quality of graduate schools and their attraction for outstanding faculty and students should be assessed in light of the future of graduate education in Oregon.

3. The relationship between increased tuition and the goals of graduate education, (as well as the place of the graduate school within the educational system of the State of Oregon), should be articulated by the University and the State System of Higher Education.

"The Graduate Student Council feels that the wisdom and necessity of any decision to increase tuition fees should be viewed in terms of these crucial aspects of higher education.

"The unanticipated consequences of across-the-board policy decisions may have detrimental effects upon both graduate students and graduate schools. We hope that the State Board of Higher Education will consider some of these consequences before allowing the present tuition increase to be effected."

Sincerely yours,

/s/ Eugene Hogan
Eugene Hogan, Chairman
Graduate Student Council
Mr. Holloway directed that these communications be placed on file and requested the Secretary of the Board to make suitable acknowledgment to these organizations.

Mrs. Johnson said that several Board members had been concerned about the effects of tuition increases in the area of graduate studies and that perhaps some of the areas of study suggested in the communication from the Graduate Student Council were among those that should be considered. She expressed the opinion that this should be the subject of continuing study and that the Board should consider graduate tuition as it operates with a view to obtaining more information upon which to make tuition decisions at the time the next budget is prepared.

President Holloway asked the Committee on Finance and Business Affairs to work with the Board's Office in preparing an analysis of the impact of the tuition increase on the enrollments in the graduate programs.

Mr. Forrester commented that the Board had emphasized the importance of graduate education at many different times and in many different circumstances. He also said he welcomed the opportunity of studying the question thoroughly before another budget is prepared.

The Chancellor announced that Governor McCall had reappointed Mr. Chas. R. Holloway, Jr., to the State Board of Higher Education for another six-year term, effective March 3, 1967.

The Chancellor reported that a new Dean of Faculties had been appointed at Portland State College, subject to Board confirmation, and invited President Millar to comment on the appointment.

President Millar said that Dr. Howard James Boroughs had been selected to replace Dr. John Swarthout, who had requested permission to return to a teaching position. Dr. Millar stated that Dr. Boroughs had received his doctoral degree from California Institute of Technology and has taught at the University of Hawaii. He has an extensive record of research and most recently has been in Washington, D.C., as director of the development programs of the National Science Foundation and Assistant Director for the Developing Colleges Program in the Office of Education.

The Chancellor recommended that Dr. Howard James Boroughs be appointed as Professor of Biology and Dean of Faculties, 12-months' service, effective August 1, 1967, at an annual salary of $25,000.

The Board approved the recommendation as presented.
The Chancellor also invited President Jensen to comment on the appointments of Dr. Earl Goddard, Dean of the School of Business and Technology, and Dr. Carl H. Stoltenberg, Dean of the School of Forestry, at Oregon State University (as shown in the personnel adjustments on a following page).

President Jensen indicated that Dr. Goddard had returned to Oregon State from the University of Colorado and that he had already assumed his new duties and was proceeding with much enthusiasm. He said that Dr. Stoltenberg was especially qualified to fill the position in Forestry at this time because his background stems from experience in the economics of forestry. He also had arrived on the campus and was beginning his new duties.

The Chancellor announced that at the 1967 Oregon Brotherhood Award dinner, sponsored by the Oregon region of the National Conference of Christians and Jews, the Brotherhood Award had been presented to President Arthur S. Fleming of the University of Oregon.

The Chancellor stated that at the annual meeting of the American Association of Colleges of Teacher Education, one of four national awards "for distinguished achievement" was given to Oregon College of Education in recognition of its program in elementary teacher education.

The Chancellor reported that the Governor has recently reconstituted the membership of the Educational Coordinating Council which was created in 1962 by executive order and established by legislative act in 1965. The membership of the earlier council consisted primarily of persons with a direct connection with higher education whereas the new membership designated currently includes a majority representing the public rather than representing higher education. The Council will now be composed of the executive officers of the Board of Education and the Board of Higher Education, a president of an independent college, a president of a community college, a representative of the Department of Finance and Administration, a representative of the Governor's Office, and three public members. These public members are Mr. Earl Adams of Medford, Mrs. Charles Tom of The Dalles, and Mr. Dick Rosenberg of Portland.

He indicated that the new council has had one meeting and that one of its major tasks during the coming year will be to examine the post high school study report and attempt to develop a Master Plan for Post High School Education in Oregon, using the study report as a base.

The Chancellor announced that Miss Cathi Collins, daughter of Board Secretary R. L. Collins, had been selected as Miss Eugene.
The Chancellor reported on the status of legislation which has been introduced in the legislature which affects the State System of Higher Education.

HB 1196 and HB 1197 have been incorporated into one bill, HB 1197, which contains both the provisions to simplify calling special meetings and to change the name of the State Board of Higher Education to State Board of Regents. This bill has been passed by the House and has been referred to the Ways and Means Committee by the Senate.

HB 1248, the one-check payroll plan, has been passed by the House and Senate and is ready for the Governor's signature.

HB 1295, which would relocate the administrative offices of the State Board of Higher Education in Salem, has been referred to the House Education Committee with a subsequent referral to go to the Ways and Means Committee.

HB 1346 has been introduced to require the Board to obtain the consent of the legislature before changing tuition. Referred to Ways and Means - no hearings have been scheduled on this bill as yet.

HB 1400, 1401, and 1469, which would provide for three research projects at Oregon State University, have been heard by the House Committee on Agriculture and have been sent to the Ways and Means Committee.

HB 1712 creating a State Oceanography Commission has been referred to Planning and Development with subsequent referral to Ways and Means. In this connection, there has been discussion concerning the impact of federal legislation related to sea-grant colleges. President Jensen indicated that Oregon State University has been keeping in touch with the developments of this federal legislation and is ready to make application for grants when the time is appropriate.

HB 1694 would provide funds in the amount of $164,000 to develop the horse facilities at Oregon State University. No hearing has been scheduled.

Hearings are expected to begin after March 20 on HB 2037, the Board's operating appropriation, but there has been no indication as to the start of hearings on HB 2096, the capital construction bill. The request for an appropriation of $45,000 to implement the move of the tuberculosis patients from Salem to Portland has been signed by the Governor.

HJR 25, introduced at the request of Governor McCall, would provide for an increase in the authorized amount of bonds under Article XI-G of the Constitution from the present ceiling of $25,000,000 for the Board of Higher Education to $75,000,000. If this bill passes it will be submitted to a vote of the people. Issuance of bonds would require legislative approval.
HJR 4 would request the Board to reevaluate its use of facilities for public appearances by various speakers and develop policy which would be consistent with the intent of the legislature. Referred to State and Federal Affairs - a hearing was scheduled for March 20.

SB 47 would remove the real property tax exemption which married student housing now holds. This has been referred to the Taxation Committee. SB 48, a companion bill applied to cooperatives and fraternities, was tabled by the Taxation Committee.

The Chancellor invited President Jensen to report on the situation related to the Sigma Chi fraternity and the alleged discrimination against one of its pledges.

President Jensen read the following statement of policy in relation to fraternity and sorority membership. He indicated that it had the concurrence of President Flemming at the University of Oregon and represented a position which he and President Flemming had arrived at jointly:

"It has long been the policy of the State Board of Higher Education to oppose and prevent on campuses under its supervision all discrimination based on race, color, or religion. The Board's resolution of January 26, 1960, adopting this policy contains the following language:

'Such discrimination is altogether inconsistent with the principles on which American public education was founded and on which it has developed to its present high level of attainment. There can be no room for racial or religious prejudices within the halls of learning.'

"The Board's policy further requires its institutions to withdraw recognition of any fraternity or sorority whose national charter requires its local chapters to restrict their membership on the basis of race, color, or religion.

"Oregon State University and the University of Oregon have concluded that the implementation of the Board policy can only be achieved when membership in the local chapter of a fraternity or sorority is determined by the active student members. Policy in relation to fraternity and sorority membership is, therefore, summarized and reaffirmed as follows:

1. Membership in Oregon State University and University of Oregon fraternities and sororities shall not be dependent upon criteria based on race, color, or religion.

2. Members including both pledges and initiates shall be selected by the active student membership of the local chapter from students who have satisfactorily met fraternity and sorority affiliation standards of the Universities, and shall not be subject to approval or
veto by any outside individual or agency, including specifically, local alumni, national officers, or members and alumni of other chapters. This principle does not deny the local chapter the right to counsel with and seek advice on membership matters from national officers or others, but, the ultimate selection must rest with the chapter's student membership.

3. Should it be determined, after a review of all evidence, that a local chapter of a national fraternity or sorority is not in fact operating within the principles announced herein, the Universities will withdraw recognition of the chapter."

At the conclusion of the statement, President Jensen said that in the instance of Sigma Chi fraternity it has been found that they are not in conformity with the statement. However, he said the local chapter has shown a very excellent posture and has taken extreme steps to carry out their opportunities to participate in the selection of members without regard to race, color, or religion. He said that any evaluation made of the Beta Pi Chapter must take both of these items into account. He indicated that there had been criticism that no immediate action had been taken to implement the policies enunciated in the statement. Immediate action would be seriously disruptive to a chapter during a year and when action is taken it will consider the students' welfare in the local chapter as well as the principles set forth in the statement. Further, any action at the local level would take into account any changes made at the national conventions.

President Jensen indicated that there is a national meeting of Sigma Chi this summer which would provide the first opportunity for the national chapter to comply with the principles of the above indicated statement if it wishes to do so.

Dr. Flemming indicated his concurrence with the statement presented by Dr. Jensen. He said that on the basis of the evidence he would arrive at the same conclusion relative to the local chapter of Sigma Chi on the University of Oregon campus and that it has become abundantly clear that the national organization of Sigma Chi does not grant its local chapters the freedom to select their own members. Therefore, as a national organization, Sigma Chi is clearly in conflict with the statement of policy referred to above.

President Flemming said that his response to the question of when the statement becomes effective is that it will become effective at the beginning of the academic year following the first opportunity that the national governing body of the fraternity or sorority in question has to bring its basic documents into harmony with the statement. In the case of Sigma Chi there is every reason to believe that its first opportunity would be at a meeting this summer, and consequently no steps would be taken until after that meeting.
President Flemming said also that he had been asked about the percentage of local chapter members who must vote in favor of candidates for membership and that he has responded that he interprets the statement to mean the local chapters should be free to establish their own requirements.

Mr. Forrester suggested that the Board commend the Oregon State University chapter of Sigma Chi for the courage it showed in adhering to the principles set forth by the Board of Higher Education in 1960 and commented that it took considerable courage to do so.

Mr. Holloway directed that this recommendation be spread upon the records. He also indicated that the policy statement read by President Jensen did not require Board action because it was an implementation of the previous Board actions of 1960 and 1963. He said that both Dr. Jensen and Dr. Flemming have shown that they are following the actions of the Board as closely as possible.

In response to a question from the Board it was stated that the charters under which the fraternities and sororities are operating on the two university campuses either did not contain discriminatory clauses or the local chapters were operating under a waiver in two instances.
Personnel Adjustments & Appointments

It was is recommended that the following personnel adjustments and appointments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1966-67 budget or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective January 1, 1967. The Board approved the recommendation as presented.

<table>
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<tr>
<th>Name, Rank and/or Title, Department</th>
<th>Oregon State University:</th>
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<tbody>
<tr>
<td>Mr. W. A. Sawyer, Superintendent, Squaw Experiment Station</td>
<td>12 $14,665 $15,113 Budget (Salary paid from federal funds increased, effective April 9, 1967; provides comparable increase in portion paid from state funds.)</td>
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<tr>
<td>Dr. Earl Goddard, Professor</td>
<td>12 - $22,500 Budget (Appointment as Dean of the School of Business and Technology, indefinite tenure; effective February 1, 1967.)</td>
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<td>Dr. Carl H. Stoltenberg, Professor</td>
<td>12 - $23,500 Budget (Appointment as Dean of the School of Forestry, indefinite tenure; effective January 1, 1967.)</td>
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<tr>
<td>Mr. Walter G. Schroeder, Washington County Extension Agent</td>
<td>12 11,040 $12,000 Budget (Effective February 1, 1967, in recognition of increased responsibilities as Extension Staff Chairman in Curry County.)</td>
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<tr>
<td>Mr. Charles G. Gavin, Union County Extension Agent</td>
<td>12 11,520 $12,480 Budget (Effective February 16, 1967, in recognition of increased responsibilities as Extension Staff Chairman in Wallowa County.)</td>
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<tr>
<td>Mr. William Q. Wick, Extension Agent Clatsop and Tillamook Counties</td>
<td>12 12,000 $12,960 Budget (Effective March 1, 1967, in recognition of increased responsibilities as Coordinator of Extension Programs, Marine Science Laboratory, Newport.)</td>
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<p>| University of Oregon: |  |
|---------------------|--------------------------|--|
| Mr. Gerald L. Frei, Assistant Football Coach, Asst. Prof. of Physical Education | 10 11,500 $17,640 Athl.Dep (Advance in rank to Head Football Coach with rank of Professor; Asst. Prof. of Physical Education; effective Feb. 1, 1967) |  |</p>
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<tr>
<th>Budgeted Name, Rank and/or Title, Department</th>
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<tr>
<td>Mr. John A. Robinson, Assistant Football</td>
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<tr>
<td>Coach, Instructor in Physical Education</td>
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<td>University of Oregon Dental School</td>
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<td>Dr. William A. Richter, Professor, Head of</td>
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<td>Crown and Bridge Department</td>
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<td>Dr. Erwin T. Bender, Professor of Dentistry</td>
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<td>Miss Evelyn R. Hannon, Associate Professor</td>
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<td>of Dental Hygiene</td>
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<td>Dr. Milkanth M. Phatak, Professor of</td>
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<td>Pharmacology</td>
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<td>University of Oregon Medical School</td>
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<td>Dr. Howard Mason, Professor of Biochemistry</td>
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<td>Dr. Frederick H. Kanfer, Professor of</td>
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<td>Dr. Clifford V. Allen, Head of the</td>
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<td>Division of Radiation Therapy</td>
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<td>Dr. Robert I. Daugherty, Assistant</td>
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<td>Clinical Professor of Psychiatry</td>
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<td>Dr. Daniel M. Bachman, Professor of</td>
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<td>Medicine</td>
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<td>12</td>
<td>15,500</td>
<td>20,000</td>
<td>Grant</td>
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<td>(To bring salary into line with other</td>
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<td>faculty members with similar responsibili-</td>
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<td>ties; effective February 1, 1967.)</td>
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<td>12</td>
<td>17,500</td>
<td>19,500</td>
<td>Budget</td>
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<td>(To retain his services; effective</td>
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<td>February 1, 1967.)</td>
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<td>(Designation as Chairman of the Depart-</td>
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<td>ment of Radiation Therapy and to retain</td>
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<td>his services)</td>
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<td>16,500</td>
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<td>(Increase provided in grant.)</td>
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<tr>
<td>Name and Title</td>
<td>Department</td>
<td>Present Service</td>
<td>Recommended Salary Rate</td>
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<td>Dr. Howard James Boroughs</td>
<td>Portland State College</td>
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<td>$25,000</td>
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<td>Dr. George Timmons, Associate Head of Portland Continuation Center</td>
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<td>12 to 9</td>
<td>12,500</td>
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<td>Mr. Arthur Phillips, Assistant Professor of Education</td>
<td>Southern Oregon College</td>
<td>9</td>
<td>8,950</td>
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<tr>
<td>Mr. Francis A. Gangemi, Associate Professor of Science</td>
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<td>9,200</td>
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<tr>
<td>Mr. Don J. Karr, Assistant Professor in Medical Technology</td>
<td>Oregon Technical Institute</td>
<td></td>
<td>8,850</td>
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</tbody>
</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

Oregon State University

Scholarships and Fellowships

Gifts totaling $40,363.63 from the following donors for scholarships and fellowships:

- Albany Parent-Teacher Association Coordinating Council $ 110.00
- American Legion Auxiliary, Department of Oregon, Dundee 475.00
- Ashland Senior High School 216.00
- Bate Plywood Company, Inc., Merlin 100.00
- Bobbie Brooks National Scholarship Foundation, New York City 282.00
- Mr. and Mrs. John W. Bogert, Grass Valley, California 1,500.00
- Camden Rockport High School, Camden, Maine 153.00
- The Carpenter Foundation through School District No. 6, Central Point 599.98
- The Carpenter Foundation through Phoenix High School 800.00
- Elks Lodge No. 1869, Condon 250.00
- Elks Lodge No. 1862, Hillsboro 200.00
- Elks Lodge No. 142, Portland 400.00
- Elks Lodge No. 1999, St. Helens 100.00
- Ford Motor Company Fund, Dearborn, Michigan 360.00
- Funds for Education, Inc., Manchester, New Hampshire 1,150.00
- Georgia-Pacific Foundation, Portland 2,000.00
- Girard Trust Bank, Philadelphia, Pennsylvania 300.00
- Grants Pass High School 1,000.00
- ICOA Life Insurance Company, Salem 200.00
- International Association of Machinists and Aerospace Workers, Washington, D.C. 335.00
- Kiwanis Club, Sherwood 200.00
- Lee Foundation, Singapore, China 500.00
- The Lincoln County Foundation through the Bank of Newport 350.00
- Max D. Tucker Trust through the U. S. National Bank of Oregon, Portland 999.00
- Medford Senior High School 1,384.00
- Minnesota Mining and Manufacturing Company, St. Paul, Minnesota 1,200.00
- Multnomah Anglers and Hunters Club, Portland 250.00
Stewart Home Economics Scholarship Trust
through the National Bank of Washington,
Tacoma, Washington \$ 200.00
Oregon Congress of Parents and Teachers, Inc.,
Portland, Oregon 1,328.00
Oregon Federation of Business and Professional
Women's Clubs, Inc., Hillsboro 1,000.00
Oregon Pepsi-Cola Bottlers Scholarship
Foundation, Seaside 479.00
Oregon State Council of Retail Clerks, Portland 100.00
Oregon State Employees Association, Salem 300.00
Oregon State University Foundation, Corvallis 888.00
Oregon State University Foundation through
the South Santiam Educational and Research
Project, Corvallis 7,036.00
Oregon State University Dads' Club, Corvallis 2,200.00
Oregon State University Mothers' Club,
Coos Bay 3,190.00
Pan American Petroleum Foundation, Inc.
Tulsa, Oklahoma 3,600.00
P.E.O. Sisterhood, Chapter CZ, Coos Bay 100.00
Portland Rose Festival Association 220.00
Robert Johnson Trust Fund 953.98
Roseburg Senior High School 116.00
Scappoose Union High School 232.33
Sherman County Scholarship Assn., Inc., Wasco 133.34
Sherwood Union High School 150.00
Standard Oil Company, New York City 500.00
Sweet Home High School Community Scholarship
Fund 150.00
Union Parent-Teacher Association, Union 110.00
U. S. National Bank of Oregon, Portland 880.00
Western Rod and Reel Club, Inc., Portland 300.00
Woman's Auxiliary to the Washoe County
Medical Society, Reno, Nevada 250.00
Woolley Logging Company, Drain 333.00
Wy'east High School, Hood River 100.00

Gifts totaling $20,276.50 from the following donors for student
loan funds:

First Federal Savings & Loan Association,
Klamath Falls 100.00
Estate of Frank S. Richards (to establish
Frank S. Richards Loan Fund) 20,000.00
Various Donors (to establish Uriel S. Burt
Memorial Student Loan Fund) 176.50
Grants totaling $15,127 from the American Chemical Society, Washington, D. C., for research as follows:

1. $8,707 - "Internal Return in S,i Reactions," December 16, 1966, through August 31, 1968, under the direction of Dr. John L. Rice, Professor of Chemistry.

2. "Small Fused Ring Systems," September 1, 1966, through August 31, 1967, under the direction of Dr. F. Thomas Bond, Assistant Professor of Chemistry.

Grant of $1,000 from the American Hardboard Association, Chicago, Illinois, for the unrestricted use of Oregon State University, July 1, 1966, through June 30, 1967. The grant will be used to compare hardboard products using new test procedures under the direction of Mr. William F. Lehmann, Assistant Professor, Forest Research Laboratory.

Gift of $500 from Miss Mercedes A. Bates, Minneapolis, Minnesota, for the unrestricted use of the School of Home Economics.

Grant of $6,105.63 from the Bonneville Power Administration, Portland, for research entitled, "Improved Serviceability of Wood Products," July 1 to September 30, 1966, under the direction of Mr. Robert D. Graham, Associate Professor, and Dr. Jacques L. Ricard, Assistant Professor, Forest Research Laboratory.

Grant of $21,757 from the California Institute of Technology, Pasadena, California, for research entitled, "Microorganism Study," August 1, 1966, through July 31, 1967, under the direction of Dr. W. E. Bollen, Professor of Microbiology.

Gift of 50 pounds of Serpasil .08%, valued at $100, for nutritional research with poultry.

Gift of $500 from Mr. Basilio Cinnera, Portland, for the unrestricted use of Oregon State University.

Gift of an oil painting entitled, "Mother and Child," from Mr. George Conrad, Cherry Hill, New Jersey. The gift is valued at $1,500

Gift of 100 pounds of Zoamix, valued at $120, from the Dow Chemical Company, San Francisco, California, for nutritional experiments with chickens.

Grant of $10,000 from the Food and Agriculture Organization of the United Nations, Rome, Italy, to accommodate the costs for study and preparation of a manuscript on "Dissolved Oxygen Requirements for Fresh Water Fish," February 1, 1967, through January 31, 1969, under the direction of Dr. Charles E. Warren, Professor of Fisheries.
Grant of $5,000 from the Ford Motor Company Fund, Dearborn, Michigan, representing the first of three annual installments of a $15,000 grant to the Mechanical Engineering Department. This is an unrestricted grant for use during 1967 under the direction of Mr. Louis Siegel, Head of the Department.

Gift of $500 from the General Mills Foundation, Minneapolis, Minnesota, for the unrestricted use of the School of Home Economics. This is to match the gift of Miss Mercedes A. Bates.

Gift of 39 reels of magnetic tape, valued at $390, and videotapes, valued at $800, from the MEMOREX Corporation, Santa Clara, California, for use in the Computer Center and KOAC-TV.

Grant of $3,000 from the Muscular Dystrophy Associations of America, Inc., New York City, for research entitled, "Metabolic Effects of Selenium and Vitamin E in Dystrophic Animals," January 1 through June 30, 1967, under the direction of Dr. James Oldfield, Professor of Animal Nutrition.

Grants totaling $536,800 from the National Science Foundation, Washington, D.C., for research, training institutes, equipment and other purposes, as follows:

1. $15,000 - "For the purchase of a visible and ultraviolet spectrophotometer plus accessories," February 9, 1967, through February 8, 1968, under the direction of Dr. Bert E. Christensen, Head of the Chemistry Department.

2. $38,400 - "Impurity-Lattice Defect Complexes in Single Crystals," March 15, 1967, through March 14, 1969, under the direction of Dr. W. J. Fredericks, Associate Professor of Chemistry.

3. $268,100 - "Academic Year Institute in the Basic Sciences for Secondary School Teachers," October 14, 1966, through September 30, 1968, under the direction of Dr. Stanley E. Williamson, Head of Science Education.

4. $8,060 - For operational and participant costs of a project entitled, "Research Participation for High School Teachers," December 1, 1966, through June 30, 1968, under the direction of Dr. David L. Willis, Associate Professor of General Science.

5. $10,900 - "Deep Sea Photographic System and a Box Corer," January 1 through December 31, 1967, under the direction of Dr. Laverne D. Kulm, Assistant Professor of Oceanography.
6. $11,850 - "Research Participation for High School Teachers," December 1, 1966, through June 30, 1968, under the direction of Dr. Joel W. Hedgpeth, Resident Director, Marine Science Center.

7. $68,690 - "Summer Institute in the Basic Sciences for Secondary School Teachers," November 22, 1966, through September 30, 1967, under the direction of Dr. Stanley E. Williamson, Head of Science Education.


9. $4,200 - "Undergraduate Research Participation," January 13 through September 30, 1967, under the direction of Dr. J. L. Fryer, Assistant Professor of Medical Microbiology.

10. $12,100 - "Differential Topology," July 1, 1967, through July 1, 1969, under the direction of Dr. J. Wolfgang Smith, Associate Professor of Mathematics.


OSU Foundation Gift of $500 from the Oregon State University Foundation for the purchase of four rare books for the library.

Tektronix Foundation Gift of $850 from the Tektronix Foundation, Beaverton, to be applied toward the purchase of 502-A Dual-Beam Oscilloscope.

N. Tschacbasov Gift of an oil painting, "Clown Holding Boy," valued at $2,000, from Mr. Nahum Tschacbasov, New York City.

Various Donors Through Phi Delta Kappa Gift of $125 from various donors through the Gamma Kappa Chapter of Phi Delta Kappa, to be used to buy books in memory of William H. Burton.

F. C. Zwahlen, Jr. Gift of a Rolleicord camera and a Kodak precision enlarger, valued at $155, from Mr. Fred C. Zwahlen, Jr., Corvallis.

Tektronix, Inc. Grant of $7,266 from Tektronix, Inc., Beaverton, for research entitled, "Solid State Electronics," during 1966-67, under the
direction of Mr. James C. Looney, Associate Professor of Electrical Engineering.

Miss I. Zevon

Gift of an oil painting, "The Laboratory," valued at $1,200, from Miss Irene Zevon, New York City.

U. S. Air Force

Grant of $10,831.73 from the U. S. Air Force, Headquarters Electronic Systems Division, Bedford, Massachusetts, representing the transfer of Air Force equipment to Oregon State University. The equipment will be under the direction of Dr. Bert Christensen, Head of the Department of Chemistry, and Dr. Wayne Burt, Head of the Department of Oceanography.

U. S. Army

Grant of $23,282 from the U. S. Department of the Army, Frederick, Maryland, for research entitled, "Epidemiology of Stripe Rust of Wheat," January 1, 1967, through December 31, 1968, under the direction of Dr. R. L. Powelson, Associate Professor of Plant Pathology.

U. S. Atomic Energy

Grants totaling $277,291 from the U. S. Atomic Energy Commission, Research and Development Division, Richland, Washington, January 1 through December 31, 1967, unless otherwise indicated, for research, training programs, and other purposes, as follows:

1. $8,650 - "Research Participation Institute for College Teachers in Radiation Biology," under the direction of Dr. David L. Willis, Associate Professor of Biology.

2. $6,900 - "Operating costs for a research participation program for high school teachers," under the direction of Dr. Willis.

3. $23,569 - "The Role of Naturally Occurring Quinones in Photosynthesis," under the direction of Dr. Norman I. Bishop, Professor of Botany.

4. $30,572 - "The Luminescence Properties of D. N. A., Its Heterocyclic Components and Their Analogs," under the direction of Dr. Malcolm Daniels, Associate Professor, Chemistry, Radiation Center.

5. $12,000 - "Low Energy Nuclear Research," November 1, 1966, through October 31, 1967, under the direction of Dr. Larry Schecter, Professor of Physics.

6. $195,600 - "Ecological Studies of Radioactivity in the Columbia River Estuary and Adjacent Pacific Ocean," November 1, 1966, through October 31, 1967, under the direction of Dr. William G. Peary, Associate Professor of Oceanography; Dr. Charles L. Osterberg, Professor of Oceanography; and Dr. Andrew G. Carey, Jr., Assistant Professor of Oceanography.
Grant of $12,591 from the U. S. Department of Health, Education and Welfare, Bethesda, Maryland, for research entitled, "Bio-synthesis and Metabolism of Terpenes and Steroids," January 1 through December 31, 1967, under the direction of Dr. R. W. Newburgh, Assistant Director, Science Research Institute. This is a Development Award in behalf of Derek J. Baisted.

Grants totaling $346,280 from the U. S. Department of Labor, Washington, D.C. for the following purposes:

1. $128,330 - For a Neighborhood Youth Corps "in school" program, January 1 through December 31, 1967, under the direction of Mr. Gene M. Lear, Director, Extension Service.

2. $217,950 - "Neighborhood Youth Corps Project," August 1, 1966, through July 31, 1967, under the direction of Mr. Lear.

Grant of $27,710 from the National Aeronautics and Space Administration, Washington, D.C., for research entitled, "Hydrostatic Pressure-Temperature as Environmental Parameters, on Growth, Biochemistry, and Physiology of Microorganisms," under the direction of Dr. Richard Y. Morita, Professor of Marine Microbiology.

Grant of $9,000 from the U. S. Navy Department, U. S. Navy Ordnance Test Station, Pasadena, California, for a study of the inherent optical properties of water, February 6 through October 5, 1967, under the direction of Dr. George F. Beardsley, Assistant Professor of Oceanography.

Grant of $122,827 from the U. S. Office of Education, Washington, D.C., for "Oregon Vocational Education Research Coordinating Unit," December 1, 1966, through June 30, 1968, under the direction of Dr. T. Antoinette Ryan, Associate Professor of Education.

Grants totaling $534,507 from the U. S. Public Health Service, Washington, D.C., effective January 1 through December 31, 1967, unless otherwise indicated, for research, fellowships, training grants and other purposes, as follows:

1. $19,280 - "Classification of Vegetable Esterases, under the direction of Dr. Morris W. Montgomery, Assistant Professor of Food Science and Technology.

2. $16,235 - "Cardiac Muscle Calcification," under the direction of Dr. Paul H. Weswig, Professor of Agricultural Chemistry.

3. $8,100 - "To provide a special fellowship award in behalf of Howard E. Reiquam," under the direction of Dr. W. P. Lowry, Assistant Professor of Biometeorology.
4. $22,045 - "Mitochondria Respiratory Systems in Heart," under the direction of Dr. Tsoo E. King, Professor of Chemistry.

5. $57,814 - "Autoxidized Lipid Products and Hepatoma in Trout," under the direction of Mr. R. O. Sinnhuber, Professor of Food Science and Technology.

6. $22,882 - "Dissolved Oxygen Requirements/Fresh Water Fish," under the direction of Dr. Charles E. Warren, Professor of Fisheries and Wildlife.

7. $29,484 - "Carbonyl Compounds from Autoxidizing Fats," under the direction of Dr. Roger L. Pereira, Assistant Professor of Food Science.

8. $27,124 - "Characterization of Compounds of Cheddar Cheese," under the direction of Dr. Leonard M. Libbey, Assistant Professor of Food Science and Technology.

9. $30,067 - "Heat Induced Compounds in Milk," under the direction of Dr. Robert C. Lindsay, Assistant Professor of Food Science.

10. $24,420 - "Chemistry of Hydrative Changes in Post-Mortem Muscle," under the direction of Dr. A. F. Anglemier, Associate Professor, Department of Food Science and Technology.

11. $25,557 - "Role of Univalent Cation Salts in Nutrition," under the direction of Dr. Harold J. Evans, Professor of Plant Physiology.

12. $31,316 - "Metabolism of Photosynthetic Mutants of Algae," under the direction of Dr. Norman I Bishop, Associate Professor of Botany.

13. $11,100 - "Studies on Aquatic Myxobacteria," under the direction of Dr. Robert E. Pacha, Assistant Professor, Department of Microbiology.


15. $30,592 - "Detoxication Mechanisms in Insects," December 1, 1966, through November 30, 1967, under the direction of Dr. Leon C. Terriere, Professor of Entomology.
16. $19,948 - "Chemical and Biological Properties of Malonaldehyde," December 1, 1966, through November 30, 1967, under the direction of Mr. Russell Sinnhuber, Professor of Food Science, and Dr. James Oldfield, Professor of Animal Nutrition.

17. $14,676 - "Biosynthesis of Streptomyces Griseus Phage," December 1, 1966, through November 30, 1967, under the direction of Dr. C. M. Gilmour, Professor of Microbiology.

18. $7,600 - "Special Fellowship Award for Training," January 3, 1967, through January 2, 1968, under the direction of Dr. Richard W. Boubel, Associate Professor of Mechanical Engineering.

19. $9,183 - "Hydrostatic Pressure Effects on Metabolic Activities," February 1, 1967, through January 31, 1968, under the direction of Dr. Richard Y. Morita, Professor of Microbiology.


22. $500 - "Fellowship allowance in behalf of Dr. Dexter Rogers," April 14, 1966, through April 13, 1967, under the direction of Dr. R. B. Becker, Associate Professor of Chemistry.

23. $27,880 - "Toxicology of Pesticides in the Environment," June 1, 1966, through May 31, 1967, under the direction of Dr. Virgil Freed, Head of the Department of Agricultural Chemistry.

24. $12,106 - "Macro-Fauna in Waste Stabilization Lagoons," under the direction of Dr. Robert L. Goulding, Professor of Entomology.

25. $16,509 - "Development Award in behalf of Dr. Erwin A. Schwinghamer," March 1, 1967, through February 29, 1968, under the direction of Dr. J. Ralph Shay, Head of the Department of Botany.

26. $995 - "Mitochondria Respiratory Systems in Heart," December 1, 1966, through December 31, 1967, under the direction of Dr. Tsoo King, Assistant Director of Science Research Institute.
Grants to the several Agricultural Experiment Station departments and divisions for research work and other purposes from various donors as follows:

**American Rose Foundation**

$1,000 - "Investigation of Virus Disease on Roses," under the direction of Dr. J. A. Milbrath, Professor of Plant Pathology.

**A. M. Todd Company**

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

**Agricultural Engineering Research Foundation**

$6,600 - "Development of Solid Coverage Sprinkler Irrigation Systems," under the direction of Dr. John W. Wolfe, Professor of Agricultural Engineering.

**Agricultural Research Foundation**

$400 - "Plot Planting and Maintenance at Klamath Experiment Station," under the direction of Mr. A. E. Gross, Associate Professor of Agronomy.

$3,974.28 - "The Study of Improvement of Yield and Quality of Hops," $3,500; "Control of Mint Diseases," $274.28; "Study of Verticillium-induced Diseases," $200; under the direction of Dr. C. E. Horner, Professor of Plant Pathology, and Dr. R. L. Powelson, Associate Professor of Plant Pathology.

**BASF Colors & Chemicals, Inc.**

$800 - "Weed Research," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

**Carlton Rose Nurseries**

$200 - "Virus Diseases of Roses," under the direction of Dr. J. A. Milbrath, Professor of Plant Pathology.

**Chevron Chemical Company**

$250 - "Fertilizer-plant Density Research Studies," under the direction of Dr. H. J. Mack, Associate Professor of Horticulture.

$150 - "The Response of Balanced Fertilizer and the Various Rates of Nitrogen and Potassium on Pear Trees of Tree Varieties," under the direction of Dr. Porter Lombard, Associate Professor of Horticulture.

**Farmers Forage Research Cooperative**

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

**Malheur County Onion Growers Association**

$3,500 - "Pink Root Disease of Onion," under the direction of Dr. E. K. Vaughan, Professor of Botany.
<table>
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<tr>
<th>Organization</th>
<th>Amount</th>
<th>Description</th>
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<tbody>
<tr>
<td>Morton Chemical Company</td>
<td>$2,050</td>
<td>&quot;Testing of Vorlex for Disease Control and for Effect on Soil Microbial Populations,&quot; and &quot;Test Small Fruit Diseases,&quot; under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology.</td>
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<tr>
<td>Northwest Pulp and Paper Association</td>
<td>$7,500</td>
<td>&quot;The Influence of Pulp Mill Wastes on the Growth and Production of Fish,&quot; under the direction of Dr. Charles E. Warren, Professor of Fisheries.</td>
</tr>
<tr>
<td>National Turkey Federation</td>
<td>$1,125</td>
<td>&quot;Factors Relating to the Cause and Prevention of Seasonal Decline in Fertility in Turkeys,&quot; under the direction of Dr. J. A. Harper, Professor of Poultry Science.</td>
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<tr>
<td>Oregon State Dept. of Agriculture</td>
<td>$6,500</td>
<td>&quot;Nature and Control of Forage Crop Diseases,&quot; under the direction of Dr. J. R. Hardison, Professor of Plant Pathology.</td>
</tr>
<tr>
<td>The Oregon Cattlemen's Association</td>
<td>$467.19</td>
<td>&quot;Impact of Changes in Market Structure and Technology on the Beef Cattle Industry,&quot; under the direction of Dr. James G. Youde, Assistant Professor of Agricultural Economics.</td>
</tr>
<tr>
<td>Oregon Fish Commission</td>
<td>$50,250</td>
<td>&quot;Utilization of Hake, Dogfish and By-Products of the Fillet Industry for Protein Supplements,&quot; under the direction of Mr. Russell O. Sinnhuber, Professor of Food Science and Technology.</td>
</tr>
<tr>
<td>Oregon State Land Board</td>
<td>$6,000</td>
<td>&quot;Range Resource Inventory of State-Owned Lands,&quot; under the direction of Dr. C. E. Poulton, Professor of Range Ecology.</td>
</tr>
<tr>
<td>Pacific Northwest Forest &amp; Range Exper. Station</td>
<td>$11,000</td>
<td>&quot;The Cuticular Identification of Plant Species,&quot; under the direction of Dr. Donald W. Hedrick, Professor of Range Management.</td>
</tr>
<tr>
<td>Pendleton Grain Growers, Inc.</td>
<td>$2,317.68</td>
<td>&quot;An Analysis of Corporate and Departmental Operations and Condition for Pendleton Grain Growers, Inc.,&quot; under the direction of Dr. Leon Garolian, Professor of Agricultural Economics.</td>
</tr>
<tr>
<td>Research &amp; Public Information Com., Oregon Seed Growers League</td>
<td>$1,973.75</td>
<td>&quot;Seed Field Burning Research,&quot; under the direction of Dr. D. O. Chilcote, Associate Professor of Crop Physiology.</td>
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<td>Shell Development Company</td>
<td>$1,000</td>
<td>&quot;Research Studies on Fertilizer,&quot; under the direction of Dr. T. L. Jackson, Professor of Soils.</td>
</tr>
<tr>
<td>Southern Pacific Company</td>
<td>$600</td>
<td>&quot;Weed Research,&quot; under the direction of Dr. Arnold P. Appleby, Assistant Professor of Agronomy.</td>
</tr>
<tr>
<td>State Dept. of Agriculture, Tri-State Grain Survey</td>
<td>$906.25</td>
<td>&quot;Varietal Testing and Improvement of Small Grains for Western Oregon,&quot; under the direction of Dr. W. H. Foote, Professor of Agronomy.</td>
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</tbody>
</table>
State of Nebraska N. Central Technical Comm. NC-83

$1,000 - "Seed Production of Lotus corniculatus," under the direction of Dr. R. V. Frakes, Associate Professor of Plant Breeding.

Syntex Corporation

$750 - "To Evaluate Flumethasone in Its Ability To Increase Milk Production," under the direction of Mr. R. H. Kliewer, Assistant Professor of Animal Science.

Tulana Farms

$2,000 - "Evaluation and Utilization of Forage Crops for the Klamath Basin--to assist in establishing pasture trials at Lower Klamath Station," under the direction of Mr. A. E. Gross, Associate Professor of Agronomy.

U. S. Dept. of Agriculture

$4,000 - "Study of Biological Control Agents To Replace or Supplement the Use of Pesticides," under the direction of Dr. E. A. Dickason, Associate Professor of Entomology.

Bureau of Land Management


$12,500 - "Control of Medusahead," under the direction of Dr. C. E. Poulton and Mr. Robert B. Turner, Assistant in Range Management.

U.S.D.A. Farm Production Economics Divn.

$7,500 - "Impact of Changes in Market Structure and Technology on the Beef Cattle Industry," under the direction of Dr. James G. Youde.

Velsicol Chemical Corporation

$120 - "Weed Research," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

West Coast Beet Seed Company

$600 - "Control of Weeds in Sugar Beet Seed Production," under the direction of Dr. A. P. Appleby.

University of Oregon

Scholarships and Fellowships

Gifts totaling $16,785.18 from the following donors for scholarships and fellowships:

- African-American Institute, New York City $635.00
- American Legion Auxiliary, Department of Oregon, Dundee 150.00
- Army Relief Society, New York City 250.00
- The Asia Foundation, San Francisco, California 3,132.50
- Associated Student Body of Homestead High School, Sunnyvale, California 125.00
- Baseball, Office of the Commissioner, New York City 465.00
- Beaverton Lodge #100, A. F. & A. M., Beaverton 150.00
Bethel Education Association, Eugene $ 150.00
Board of World Missions, Lutheran Church in America, New York City 356.00
Bowling Proprietors' Assn. of America, Inc., Hoffman Estates, Illinois 500.00
Co Ed Coop Housing, Inc., Eugene 340.00
Delta Kappa Gamma, Lambda Chapter, Eugene 100.00
Evans Scholar's Foundation, Golf, Illinois 2,544.00
The Frances Moore Scholarship, through Douglas High School, Winston 100.00
Grant High School Dads' Club, Portland 110.00
Greater Anchorage Area, Anchorage, Alaska 166.68
Hallmark Cards, Inc., Kansas City, Missouri 110.00
Jantzen, Inc., Portland 100.00
Latin-American Scholarship Program of American Universities, Inc., Cambridge, Massachusetts 2,277.00
Lookingglass Parent-Teacher Association, Douglas High School, Winston 125.00
Dennis Lynn McGowan, Eugene 100.00
Edward Arthur Mellinger Educational Foundation, Inc., Monmouth, Illinois 250.00
The Max D. Tucker Scholarship, through the U. S. National Bank, Portland 666.00
Lions Club, McMinnville 100.00
Rotary Club, Medford 257.50
Moms and Dads Club, Sherwood 100.00
The M.W. Prince Hall Grand Lodge F & A.M. of Oregon, Inc., Portland 100.00
North American Baptist General Missionary Society, Inc., Forest Park, Illinois 332.00
North Eugene High School Girls League Scholarship, Eugene 110.00
North Eugene High School Parent-Teacher Association Scholarship, Eugene 110.00
Oregon State Employees Association, Salem 300.00
Phi Beta Patroonesses, Eugene 391.00
Phoenix High School Scholarship Fund 415.00
Portland Rose Festival Association 330.00
Princeton University, Princeton, New Jersey 362.50
Weyerhaeuser Company Foundation, Tacoma 300.00
Washington 300.00
Wyman Youth Trust 350.00
Yale University, New Haven, Connecticut 325.00

Maude Kerns Estate

Gift of a collection of Chinese archaic funerary jade, valued at $2,500, from the estate of Miss Maude I. Kerns, delivered to the Museum of Art by Mrs. Mary C. Brockelbank. The collection consists of 35 carved jade pieces and two glass pieces from tombs of North China.

McDowell-Catt Foundation

Gift of $250 to the student loan fund account from the McDowell-Catt Foundation, Albany.
Grants totaling $182,110 from the National Science Foundation, Washington, D.C., for research and other purposes, as follows:

1. $16,000 - "Total Synthesis of Gibberellic Acid," January 1, 1967, through December 31, 1968, under the direction of Dr. Lloyd J. Dolby, Associate Professor of Chemistry.


3. $32,000 - "Role of Attention in the Storage and Retrieval of Information," January 1, 1967, through August 31, 1968, under the direction of Dr. Michael I. Posner, Department of Psychology.


5. $23,000 - "Secondary Deuterium Isotope Effects in Radical Forming Reactions," January 1, 1967, through December 31, 1968, under the direction of Dr. Thomas W. Koenig, Assistant Professor of Chemistry.

Grant of $3,004 from Sacred Heart General Hospital, Eugene, "for the establishment of a cooperative program between Sacred Heart Hospital and the University of Oregon under which a graduate assistant will serve as Director of Television for the hospital," September 15, 1967, through June 15, 1968, under the direction of Dr. John R. Shepard, Director, Division of Broadcast Services.

Grant of $5,400 from the Sex Information and Education Council of the U.S., New York City, for a Sex Education Workshop, June 12 to June 17, 1967, under the direction of Dr. Robert E. Kime, Assistant Professor, Health Education.

Grant of $10,935 from the Veterans Administration, Portland, for which the University "will provide counseling and related services to the Veterans Administration," January 1 through June 30, 1967, under the direction of Dr. Barton T. Clements, Assistant Professor of Education.

Meeting #355-58

March 13-14, 1967

U. S. Army

Grant of $7,049 from the U. S. Army, Research Office, Durham, North Carolina, for research entitled, "Two-Photon Spectroscopy in Crystals," January 1 through December 31, 1967, under the direction of Dr. Kwangjai Park, Assistant Professor of Physics.

Dept. of Housing and Urban Development

Grants totaling $200,004 from the Department of Housing and Urban Development, San Francisco, California, for planning assistance in the Eugene-Springfield metropolitan area, December 22, 1966, through February 3, 1968, under the direction of Mr. James Bell, Associate Director, Bureau of Municipal Research. This represents federal funds of $132,358, local funds of $66,668, and inspection fees of $978.

U. S. Navy, Office of Naval Research

Grant of $23,000 from the U. S. Navy, Office of Naval Research, Washington, D.C., for research entitled, "Dynamics and Kinetics of Electrons," September 1, 1966, through August 31, 1967, under the direction of Dr. Gregory H. Wannier, Professor of Physics.

U. S. Office of Education

Grants totaling $305,246 from the U. S. Office of Education, Washington, D. C., for research, fellowships, and other purposes, as follows:

1. $5,107 - "A Replicative Study of the Buckingham-Dolch Free Association Word Study," November 1, 1966, through August 31, 1967, under the direction of Dr. Jordan Utsey, Associate Professor of Education.

2. $5,439 - "The Attitudes of Certificated Instructional Personnel Toward Professional Negotiation and 'Sanctions'," October 1, 1966, through July 30, 1967, under the direction of Mr. Patrick Carlton, Institute for Community Studies.

3. $154,000 - "Experienced Teacher Fellowship Program in English," January 30, 1967, through June 30, 1968, under the direction of Dr. Albert Kitzhaber, Professor of English, and Dr. Leona E. Tyler, Dean of the Graduate School.

4. $131,100 - "Experienced Teacher Fellowship Program in Remedial Education," January 30, 1967, through June 30, 1968, under the direction of Mr. James Hotchkiss, Assistant Professor of Education, and Dr. Leona E. Tyler.

5. $9,600 - "Research Training in Education Administration," October 1, 1966, through September 30, 1967, under the direction of Dr. Keith Goldhammer, Associate Dean, School of Education.
Grants totaling $113,774 from the U. S. Public Health Service Washington, D.C., for research, fellowships, and other purposes, as follows:

1. $27,210 - "Structure Studies on Mutant Proteins," January 1 through December 31, 1967, under the direction of Dr. John A. Schellman, Professor of Chemistry.

2. $20,714 - "Synthesis by Intramolecular Diels-Alder Reactions," under the direction of Dr. LeRoy H. Klemm, Professor of Chemistry.

3. $19,066 - "The Synthesis of Echitamine and Related Alkaloids," April 1, 1967, through March 31, 1968, under the direction of Dr. Lloyd J. Dolby, Associate Professor of Chemistry.

4. $5,100 - "Predoctoral fellowship in behalf of Mr. David C. Tompkins," February 15, 1967, through February 15, 1968, under the direction of Dr. Lloyd J. Dolby.

5. $21,479 - "Cell Population Kinetics and Chromosome Duplication," January 1 through December 31, 1967, under the direction of Dr. Donald E. Wimber, Associate Professor of Biology.

6. $20,205 - "Lactose Biosynthesis in Mammary Gland," January 1 through December 31, 1967, under the direction of Dr. Francis J. Reithel, Professor of Chemistry.

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

E. Booth
A collection of manuscripts and correspondence, valued at $8,419, from Mr. Edwin Booth, Oakland, California. Mr. Booth is a western writer.

Mrs. Mary Brockelbank
A collection of books and manuscripts of Maude Kerns, Edith Kerns Chambers, and Mary Chambers Brockelbank, valued at $631, from Mrs. Mary Brockelbank, Eugene.

Mrs. C. Dawson
A collection of books, valued at $1,431.25 from Mrs. Carley Dawson, Washington, D.C.

G. C. Disque
Literary manuscripts of Brice P. Disque, Jr., an outstanding writer and editor of radio productions, from his brother, Mr. Gordon C. Disque, Valley Forge, Pennsylvania. The collection, valued at $12,450, includes 336 radio scripts.

M. P. Gallagher
The case files, political files and personal files of Patrick Joseph Gallagher, an Oregon attorney, from his son, Martin P. Gallagher, Ontario. The gift is valued at $1,750.
B. Garfield

A collection of fifteen manuscripts, valued at $3,300, from Mr. Brian Garfield, New York City. Mr. Garfield is a western author.

E. G. Plowman

A collection of etchings, drawings, and drypoints, correspondence files, diaries, and library of George T. Plowman, valued at $5,813, from his son, Dr. E. Grosvenor Plowman, Portland, Maine.

L. C. Plowman

A similar collection, valued at $2,906.50, from Mr. Laurence C. Plowman, San Francisco, California.

E. C. Robbins

A collection of approximately 450 books concerning historical, business economics and geographical studies, valued at $1,313.90, from Professor Edwin C. Robbins, Los Angeles, California.

C. H. Snow

Book manuscripts and related correspondence, valued at $17,350, from Mr. Charles H. Snow, Napa, California. Mr. Snow is a writer of western novels.

L. Trimble

A collection of manuscripts and correspondence, valued at $2,230, from Mr. Louis Trimble, Kirkland, Washington. Mr. Trimble is a western author.

University of Oregon Dental School

National Dairy Council

Grant of $7,480 from the National Dairy Council, Chicago, Illinois, for research entitled, "Comparison of Longitudinal Data of Nutritional Intake Between 49 Caries-Free and 276 Caries-Active Children from 3 to 16 Years," January 1 through December 31, 1967, under the direction of Dr. Bhim S. Savara, Head of the Child Study Clinic.

U. S. Public Health Service

Grants totaling $114,710 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $4,000 - "Dento-Facial Growth in Endocrine and Metabolic Disorders," June 1, 1966, through May 31, 1967, under the direction of Dr. William E. Tracy, Assistant Professor, Child Study Clinic. The grant is to provide indirect costs in connection with Dr. Tracy's Career Development Award.

2. $297 - "Development and Histology of Pig Dentition." January 1, 1966, through December 31, 1967, under the direction of Dr. Ellis B. Jump, Head, Gross Anatomy and Histology Department.


5. $47,312 - "Significance of Variation During Child Growth," January 1 through December 31, 1967, under the direction of Dr. Bhim S. Savara, Head, Child Study Clinic.
University of Oregon Medical School

Scholarships and Fellowships Gifts totaling $2,228 from the following donors for scholarships as follows:

University of Oregon Medical School Alumni Association $ 2,000.00
The Portland Rose Festival Association 228.00

H. H. Allen Gift of $1,500 from Mr. Horace H. Allen, Inglewood, California, in further support of the William F. Allen Trust Fund.

Mr. & Mrs. L. C. Anderson Gift of $100 from Mr. and Mrs. Leroy C. Anderson, Portland, in further support of cancer research.

The Arthritis Foundation, Oregon Chapter Grant of $500 from The Arthritis Foundation, Oregon Chapter, Portland, for support of research in the Department of Surgery under the direction of Dr. Stanley Jacob, Associate Professor of Surgery.

R. B. Bramble Gift of $1,000 from Dr. R. Blaine Bramble in support of urological research, under the direction of Dr. Clarence Hodges, Professor and Head of the Urology Division.

Bristol Laboratories Grants totaling $5,000 from the Bristol Laboratories, Syracuse, New York, for research as follows:

1. $4,000 - "Hetalacin-Dicloxacillin Studies," under the direction of Dr. Ernest J. Benner, Assistant Professor of Medicine.

2. $1,000 - "In support of laboratory and clinical studies with hetaclillin-dicloxacillin," under the direction of Dr. Ernest J. Benner and Dr. C. E. Roberts, Assistant Professor of Clinical Pathology and Medicine.

H. R. Crisman Gift of $100 from Dr. H. R. Crisman, Missoula, Montana, to be applied to the W. R. Jacobs Memorial Library Fund.

Employees of Balsiger Motor Company Gift of $112 from the employees of the Balsiger Motor Company, Klamath Falls, Oregon, in further support of cancer research.

Eli Lilly and Company Grant of $7,400 from Eli Lilly and Company, Indianapolis, Indiana, in support of laboratory and clinical studies with hetaclillin-dicloxacillin, under the direction of Dr. Benner and Dr. Roberts.

The Friendly-Rosenthal Foundation Grant of $1,000 from The Friendly-Rosenthal Foundation, Inc., in continued support of the grants-in-aid program to medical students.

Jackson Estate Bequest of $10,038.91 from the estate of Carrie C. Jackson to establish a permanent endowment fund with the income to be used for current expenditures, under the direction of Dr. Charles N. Holman, Medical Director.
Mr. & Mrs. P. Johnson
Gift of $100 from Mr. and Mrs. Percy Johnson, Glendale, California, in memory of Mrs. George Long.

Ladies Auxiliary to V.F.W.
Gift of $583.57 from the Ladies Auxiliary to Veterans of Foreign Wars, Portland, to be used for cancer research under the direction of Dean Baird.

M. F. Marsh
Gift of $100 from Mr. Malcolm F. Marsh, Salem, in support of the Bacteriology Laboratory in the Department of Pediatrics, under the direction of Dr. R. W. Olmsted, Chairman of the Department.

Multnomah County Medical Society
Gift of $1,291.50 from the Multnomah County Medical Society, Portland, in support of the Medical School Library, under the direction of Miss Margaret Hughes, Librarian.

Miss Phyllis Oestreich
Gift of $174.50 from Miss Phyllis Oestreich, Lake Grove, to be used in the Department of Pediatrics.

Oregon Heart Association
Grants totaling $20,915 from the Oregon Heart Association, Portland, for research as follows:


2. $10,000 - "Evaluation of Hypertension in a Large Hypertensive Population," January 1 through December 30, 1967, under the direction of Dr. Larry T. Brice, Postdoctoral Research Fellow in Diabetes and Metabolism.

Oregon-Pacific Forest Products Corporation
Gift of $100 from the Oregon-Pacific Forest Products Corporation, Portland, to be used for research in leukemia, under the direction of Dr. Robert D. Koler, Head of the Division of Experimental Medicine. The gift is in memory of Daniel Stelle.

Oregon State Elks Association
Gift of $7,456.42 from the Oregon State Elks Association Visual Aid Program, Canby, in continued support of the Children's Eye Clinic, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

Pacific Power & Light Company
Gift of $100 from Pacific Power and Light Company, Portland, for cancer research in memory of Mrs. Arthur L. Fields.

E. R. Squibb & Sons
Gift of an oil painting and frame of the Medical School, valued at $6,000, from E. R. Squibb & Sons, New York City.

Swanson Estate
Bequest of $8,023.63 from the estate of Oscar Swanson "to be used for research work as to the ills of the aged," under the direction of Dean Baird.

Plant 3, Tektronix, Inc.
Gift of $100 from individuals of Plant 3, Sandy Lincoln's Group, Tektronix, Inc., Beaverton, as a contribution to the artificial kidney machine fund, under the direction of Dr. Clarence V. Hodges, Head of the Division of Urology.
Tyler Estate

Bequest of $40,000 from the estate of Gretchen K. Tyler through the U. S. National Bank of Oregon, Portland, as a partial distribution of the estate. Under the will the funds are to be used to purchase an iron lung or other equipment for the treatment of poliomyelitis for the Doernbecher Memorial Hospital for Children, with any remaining funds to be used for equipment or building improvements.

J. Wandell

Gift of electronic components, valued at approximately $10,533.01, from Mr. John Wandell, Almax-Stroum Electronics, Portland, to be used in the Research Instrument Service Shop under the direction of Mr. George I. Johnston, Director of the Research Instrument Service.

A. R. Watzek

Gift of $2,000 from Mr. A. R. Watzek, Portland, in continued support of the research program in the Department of Ophthalmology, under the direction of Dr. Kenneth C. Swan, Chairman of the Department.

U. S. Atomic Energy Commission


U. S. Office of Education


U. S. Public Health Service

Grants totaling $409,347.36 from the U. S. Public Health Service, Washington, D.C., for research, training programs, workshops, and other purposes, January 1 through December 31, 1967, unless otherwise indicated, as follows:

1. $6,121 - "Public Health Teaching Development Project," under the direction of Dr. Adolph Weinzirl, Professor and Chairman of Public Health and Preventive Medicine.

2. $233,052 - "In further support of the Medical School's total research program," under the direction of Dean D. W. E. Baird.

3. $21,910 - "Immunological Stimuli in Relation to Leukogenesis," under the direction of Dr. Benjamin V. Siegel, Professor of Pathology.

4. $8,612 - "Cooperative Lung Cancer Study," under the direction of Dr. Clifford V. Allen, Professor and Head of the Division of Radiotherapy.
5. $24,519 - "Characterization of Antibodies to Lysosomes," under the direction of Dr. Robert H. Persellin, Assistant Professor of Medicine.

6. $23,110 - "Medical Library Resource Grant," under the direction of Miss Margaret Hughes, Librarian.

7. $12,555 - "Intestinal Absorption and Transport of Dietary Lipids," under the direction of Dr. Alfred J. Rampone, Associate Professor of Physiology.

8. $14,409 - "Salicylate Mechanisms in Rheumatoid Arthritis," under the direction of Dr. Daniel M. Bachman, Professor and Head of Rheumatology.

9. $38,022 - "Steroid Inhibition of Lymphoma Cells in Vitro," under the direction of Dr. John D. Gabourel, Associate Professor of Pharmacology.

10. $25,906 = "Studies in Cryobiology," under the direction of Dr. Stanley W. Jacob, Associate Professor of Surgery.

11. $1,518.36 - "To conduct and furnish proceedings for a three-day workshop on Behavior Modification and Measurement," under the direction of Dr. Richard L. Grant, Instructor in Psychiatry and Chairman of the Workshop.

12. $25,519 - "Investigation of the Peptides in Human Serum and Urine," December 1, 1966, through November 30, 1967, under the direction of Dr. Neil R. M. Buist, Assistant Professor of Pediatrics.

Portland State College

Scholarships & Fellowships

Gifts totaling $4,333.12 from the following donors for scholarships and fellowships:

- Bentham Lions Club, Portland $148.12
- The Carpenter Foundation through School District No. 6, Central Point $100.00
- The Confederated Tribes of the Warm Springs Reservation of Oregon $110.00
- Continental Coffee Company, Chicago, Illinois $500.00
- Crown Zellerbach Foundation, San Francisco, California $625.00
Fullerton Beverage Co. (Pepsi Cola Bottling Co.), Winston $ 125.00
Gevurtz Furniture Company, Portland 100.00
Grant High School Dad's Club, Portland 100.00
Grant High School Parent-Teacher Association, Portland 125.00
Grants Pass Public Schools 250.00
Insurance Company of America, Salem 200.00
John Jacob Astor Parent-Teacher Association, Portland 110.00
Lakers Dads Club, Lake Oswego 150.00
Mrs. Walton Manning, Portland 100.00
Mr. James V. Moore, Portland 100.00
The National Bank of Washington, Tacoma, Washington 110.00
Oregon State Employees Association, Salem 170.00
Portland Rose Festival Association 110.00
Soroptimist Club of Vancouver 100.00
William B. Ward Scholarship, Portland 1,000.00

J. R. Byrne
Gift of $100 from Mr. J. Richard Byrne, Portland, for the Professor W. Arthur Boggs Memorial Fund.

Lents Lodge No. 156, A. F. & A. M.
Gift of $101 from the Lents Lodge No. 156, A. F. & A. M., Portland, to provide the Lents Lodge Revolving Educational Loan Fund.

National Science Foundation
Grant of $1,520 from the National Science Foundation, Washington, D.C., for "Undergraduate Research Participation," January 13 through September 30, 1967, under the direction of Dr. Bruce Brown, Assistant Professor of Chemistry.

State Dept. of Education
Grant of $2,500 from the Oregon State Department of Education, Salem, "to cover administrative expenses and tuition and fees for Mr. Patrick Reed, an enrollee in the Mental Retardation Institute," June 1, 1966, through June 30, 1967, under the direction of Dr. Keith Larson, Assistant Professor of Education.

Oregon College of Education
Scholarships & Fellowships
Gifts totaling $4,824 from the following donors for scholarships and fellowships:

American Legion Auxiliary, Pendleton $ 225.00
Fraternal Order of Eagles, Bend 250.00
Future Teachers of Tillamook High School 200.00
Georgia-Pacific Foundation, Portland 500.00
Glide Parent-Teacher Association, Roseburg 200.00
Hood River High School Service Club 100.00
Lincoln County Foundation, Newport 250.00
Metolius Elementary School Parent-Teacher Association 140.00
National Honor Society, Philokalon Chapter, Tillamook 150.00
Oregon Congress of Parents and Teachers, Inc., Portland $1,577.00
Oregon State Employees Association, Salem 300.00
Smith River Lumber Company, Drain 333.00
South Santiam Educational and Research Project through the Oregon State University Foundation, Corvallis 167.00
Sweet Home High School Community Scholarship Fund 100.00
Woolley Logging Company, Drain 167.00
Yamhill-Carlton Parent-Teacher Association, Carlton 165.00

Northwest Regional Educational Laboratory Grant of $16,292 from the Northwest Regional Educational Laboratory, to make it possible to hold meetings with experts in education to discuss how simulation and other related laboratory experiences are relevant to increasing the effectiveness of teaching, November 1, 1966, through March 1, 1967, under the direction of Dr. Bert Y. Kersh, Associate Director of Teaching Research.

Southern Oregon College

Scholarships & Fellowships Gifts totaling $19,498.62 from the following donors for scholarships and fellowships:

Agency for International Development $7,32.00
Elks Lodge No. 944, Ashland 735.00
The Autzen Foundation, Portland 500.00
Baseball, Office of the Commissioner, New York City 367.80
Beneficial Foundation, Inc., Wilmington, Delaware 125.00
G. S. Butler Memorial Fund, Ashland 100.00
Britt Memorial Scholarship, Medford 100.00
Burt K. Snyder Educational Foundation, through the First National Bank of Oregon, Portland 200.00
Carpenter Foundation, through Ashland High School 767.00
Carpenter Foundation, Central Point 933.32
Carpenter Foundation through the Medford Public Schools, Medford 1,401.00
Carpenter Foundation, through Phoenix High School 1,255.00
Cordy Award, Medford 200.00
John Dickey Memorial Fund, Medford 200.00
Eastwood Baptist Church, Medford 300.00
Elks National Foundation, Chicago, Illinois 800.00
Crater Lions Club, Medford 132.00
First Presbyterian Church, Ashland 150.00
Future Teachers of America, Medford Public Schools, Medford 100.00
Gardiner Parent-Teacher Association 200.00
Grants Pass High School $ 100.00
Grants Pass High School Associated Student Body 150.00
Lester D. Harris Memorial, Medford 100.00
Institute of International Education, New York City 356.00
Jackson County Association of Insurance Agents, Medford 167.00
Lakers Dads' Club, Lake Oswego 150.00
Mildred Litster Scholarship Trust, through the U. S. National Bank of Oregon, Medford 688.00
Rotary Club, Medford 366.00
Miscellaneous scholarships through Medford High School 802.00
Moderne Studio, Central Point 125.00
Moderne Studios and Camera Shop, Central Point 125.00
Lions Club, Myrtle Creek 100.00
National Association of Secondary School Principals, Washington, D.C. 500.00
The National Foundation (Umatilla County Chapter) Pendleton 250.00
Oregon Congress of Parents and Teachers, Inc., Portland 415.00
Oregon Education Association, Portland 300.00
Oregon State Elks Association, Madras 300.00
Oregon State Grange Home Economics Scholarship Fund, Portland 400.00
Pendleton High School Girls' League 100.00
Red Raider Booster Fund, SOC, Ashland 1,317.00
Rogue Equipment Company, Medford 167.00
The Roland Hegler Memorial Fund, Ashland 150.00
St. Mary's High School Rotary Club, Medford 507.50
St. Mary's High School Athletic Scholarship Fund, Medford 100.00
Saudi Arabian Educational Mission, New York City 1,434.00
Southern Oregon Peace Officers, Central Point 330.00
Theron James Scholarship Fund, Eugene 100.00
Frank TouVelle Trust through the Medford Public Schools 434.00
Woolley Logging Co., Drain 167.00


Faculty Wives Gift of $200 from the Faculty Wives, Ashland, to be added to the Student Emergency Loan Fund.
Eastern Oregon College

Scholarships & Fellowships

Gifts totaling $3,926 from the following donors for scholarships and fellowships:

California-Pacific Utilities Co., La Grande $1,176.00
Elks Lodge No. 338, Baker 900.00
Heppner High School Parent-Teacher Association 250.00
Howard Turner Educational Trust, through the
U. S. National Bank of Oregon, Portland 350.00
Mrs. Ida McHaley, La Grande 100.00
Oregon State Aerie, Fraternal Order of Eagles,
Bend 750.00
Kiwanis Club, Baker 300.00
PEO Sisterhood, Milton-Freewater 100.00

Oregon Technical Institute

Mrs. Ruth Powers Gift of $200 from Mrs. Ruth McBride Powers, Portland, to provide a scholarship for a designated student.

Skagit Equipment Company, Inc. Gift of equipment, valued at $500 from the Skagit Equipment Company, Inc., Medford, for use in the Auto-diesel Associates instructional program, under the direction of Mr. Paul T. Meier, Dean of Instruction.

Division of Continuing Education

Oregon Council on Economic Education Grant of $1,500 from the Oregon Council on Economic Education, Portland, to replenish funds in the Economic Education Gifts account, to be used under the direction of Dr. Hugh Lovell, Director of the Oregon Council on Economic Education.

MEMOREX Corporation Gift of ten reels of tape, valued at $623.50, from the MEMOREX Corporation, Santa Clara, California, to be used for Oregon Educational Broadcasting of educational television programs.

U. S. Dept. of Health, Education & Welfare Grant of $7,500 from the U. S. Department of Health, Education, and Welfare, Washington D.C., for preliminary preparation of the Counseling and Guidance Institute to be held on the Oregon State University campus in the summer of 1967, January 5 through April 1, 1967, under the direction of Dr. Lester Beals.

U. S. Public Health Service Grants totaling $7,798 from the U. S. Public Health Service, Bethesda, Maryland, for research, training programs and other purposes, as follows:


Chas. R. Holloway, Jr., President

R. L. Collins, Secretary