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

October 24-25, 1966

MEETING #351-1 A regular meeting of the State Board of Higher Education was held in Room 105, Memorial Union Building, Oregon State University, Corvallis, Oregon, on October 24-25, 1966.

ROLL CALL
The meeting was called to order at 9:00 A.M. on Monday, October 24, 1966, by the President of the Board, Mr. Chas. R. Holloway, Jr., and on roll call the following answered present:

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

Absent: Mr. Ray T. Yasui was out of the state.

OTHERS PRESENT:

Centralized Activities--Chancellor R. E. Lieuallen; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. J. W. Sherburne, Vice Chancellor for Continuing Education; Dr. M. C. Romney, Vice Chancellor for Academic Affairs; Mr. D. R. Larson, Assistant Chancellor; Mr. J. L. Watson, Comptroller; Mr. J. I. Hunderup, Director of Facilities Planning; Mr. Allen McKenzie, Assistant to Vice Chancellor for Business Affairs; Mr. Keith L. Jackson, Budget Officer; Mr. Guy Lutz, Associate Director, Office of Institutional Research; Mr. George Diel, Director, Communications Development; Dr. C. Benjamin Laurence, Administrative Intern to the Chancellor; Dr. Carl G. Paetz, Assistant Director of Facilities Planning; Mr. Robert W. Fritsch, Architectural Consultant, in the absence of Mr. R. L. Collins, Miss Jean Oglesby, Assistant Board Secretary, acted as secretary for the meeting.

Oregon State University--President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Director of Business Affairs; Mr. S. M. Metzger, Superintendent of Planning and Construction; Mr. Fred Shideler, Director of Information; Mrs. Brenda Hood, Administrative Assistant.

University of Oregon--President A. S. Flemming; Mr. J. O. Lindstrom, Director of Fiscal Affairs; Dr. Jarold A. Kieffer, Assistant to the President; Mr. H. P. Barnhart, Director of University Housing; Mr. George Wallman, Staff Architect; Dr. Russell Nelson, Administrative Intern to the President.

University of Oregon Dental School--Dean H. J. Noyes; Mr. Eugene Bauer, Assistant Dean for Business Affairs.
University of Oregon Medical School--Dr. C. N. Holman, Associate Dean; Mr. W. A. Zimmerman, Associate Dean for Business Affairs.

Portland State College--Dr. Brock Dixon, Dean of Administration; Mr. W. T. Lemmon, Director of Business Affairs; Mr. J. Malcolm McMinn, Director of Facilities Planning and Operations; Mr. W. L. Myllenbeck, Planning Associate; Mr. William C. Neland, Planning Associate.

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

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

Eastern Oregon College--President A. M. Rempel; Dr. R. S. Perry, Dean of Administration.

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

Division of Continuing Education--Mr. Ralph Steeple, Director of University Relations.

Others--Mr. Howard Grimms, Architect, Department of Finance and Administration; Mr. Tom Notoa, Assistant Director and Project Manager, and Mr. Frank Mair, Renewal Specialist, Portland Development Commission.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on September 13-14, 1966, and of the special meeting held on October 5, 1966, and approved them as printed in the docket.

Appointment of Chairman of Committee on Finance and Business Affairs

President Holloway announced that Mr. John W. Snider had requested that he be relieved of the duties of the chairmanship of the Committee on Finance and Business Affairs, due to his anticipated absence from the country during a portion of the 1967 Legislative Session. President Holloway indicated that he had appointed Mr. Ancil H. Payne, a member of the Committee on Finance and Business Affairs, as chairman of the committee.

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. Ancil H. Payne acted as chairman during the consideration of items related to Finance and Business Affairs; and Mrs. Elizabeth H. Johnson acted as chairman during the consideration of items related to Academic Affairs, Personnel and Public Affairs.
Report of Bids and Contract Awards for Units A & B of Greensprings Dormitory Complex and the expansion of the North Campus Heating Plant at Southern Oregon College, within a budget total of $1,050,000, subject to appropriate authorization by the State Emergency Board. It was indicated that approximately $990,000 would be provided from self-liquidating bond borrowings, and the remaining $60,000 or so would be obtained from the restricted fund balances available to the institution from such auxiliary enterprises operations as married student housing and the bookstore. The approval of the project by the Emergency Board was secured on August 26, 1966.

Construction bids received in Ashland on September 15, 1966, may be summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units A and B of:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work</td>
<td>4</td>
<td>$647,679</td>
<td>$727,000</td>
</tr>
<tr>
<td>Greensprings: Dormitory Complex:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>115,700*</td>
<td>139,489</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>3</td>
<td>46,500</td>
<td>67,950</td>
</tr>
<tr>
<td>Built-in furniture</td>
<td>3</td>
<td>48,516</td>
<td>60,211</td>
</tr>
<tr>
<td>North Campus Central Heating Plant Addition:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work</td>
<td>4</td>
<td>41,394</td>
<td>50,760</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>5</td>
<td>78,900*</td>
<td>101,121</td>
</tr>
</tbody>
</table>

*Before deducting $200 allowance for combination award

Since the sum of the lowest bids for the residence hall units exceeded the estimate of Architects Wilmsen, Endicott & Unthank by approximately 12 percent, it would have been necessary to exercise all of the deductive bid alternates and limit the contingency fund to a nominal amount if the project budget could not be increased above the level of $1,050,000. Rather than to exercise the deductive alternates to omit interior finish on the top floor of the housing units, reducing the total capacity from 192 students to 169 students, and to substitute a steam line in lieu of the utility tunnel, the Executive Committee authorized Board officials to request an increase of $50,000 in the expenditure limitation approved earlier by the State Emergency Board. Following the action of the Emergency Board in approving the request on October 7, 1966, contract awards were made to the low bidders and the following budget was approved for the project:
<table>
<thead>
<tr>
<th>Direct Construction Costs:</th>
<th>Units A &amp; B of Greensprings Dormitory</th>
<th>Heating Plant Improvements</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General work - Todd Building Company, Roseburg</td>
<td>$ 647,679</td>
<td>$ -</td>
<td>$ 647,679</td>
</tr>
<tr>
<td>General work - Jack Mathis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Contractor, Inc., Roseburg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical work - Western Mechanical, Inc., Medford</td>
<td>115,580</td>
<td>77,920</td>
<td>193,500</td>
</tr>
<tr>
<td>Electrical work - Steeck Electric Co., Medford</td>
<td>46,500</td>
<td>-</td>
<td>46,500</td>
</tr>
<tr>
<td>Furniture work - Tech-Craft, Inc., Tacoma</td>
<td>48,516</td>
<td>-</td>
<td>48,516</td>
</tr>
<tr>
<td>Subtotals</td>
<td>$ 858,275</td>
<td>$ 119,314</td>
<td>$ 977,589</td>
</tr>
<tr>
<td>Less - Adjustments for deductive alternates and/or change order credits (approximate)</td>
<td>25,000</td>
<td>-</td>
<td>25,000</td>
</tr>
<tr>
<td>Net direct construction costs</td>
<td>$ 833,275</td>
<td>$ 119,314</td>
<td>$ 952,589</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>61,185</td>
<td>6,562</td>
<td>67,747</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>25,000</td>
<td>-</td>
<td>25,000</td>
</tr>
<tr>
<td>Construction supervision, landscaping, legal and administrative costs</td>
<td>9,000</td>
<td>1,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Contingencies (approximately 4.7% of direct construction costs)</td>
<td>39,040</td>
<td>5,624</td>
<td>44,664</td>
</tr>
<tr>
<td>Totals</td>
<td>$ 967,500</td>
<td>$ 132,500</td>
<td>$1,100,000</td>
</tr>
</tbody>
</table>

The additional requirements of $50,000 are to be met through the re-assignment of self-liquidating bond borrowings issued pursuant to Article XI-F(1) of the Oregon Constitution which had been reserved tentatively for a project at the University of Oregon.

To cover the major portion of the $25,000 adjustment required for direct construction costs, a change order has been issued to delete most of the exterior brick veneer on the residence hall units, substituting a textured concrete surface.

Plans and specifications for Units A and B of the Greensprings Dormitory Complex were prepared by Architects Wilmsen, Endicott & Unthank of Eugene. For the gross area of 42,600 square feet, the direct construction costs of $833,275 average approximately $19.56 per square foot. Plans and specifications for the Heating Plant Improvements were prepared by J. Donald Kroeker & Associates, Consulting Engineers, Portland.

With the concurrence of the Chancellor, President Stevenson recommended that the action of the Executive Committee outlined above be confirmed.

The Board confirmed the action of the Executive Committee.
Pursuant to authorization granted by the Board at the September 13, 1966, meeting, bids were received in Monmouth on October 4, 1966, for the proposed Addition and Alterations to the Library Building at Oregon College of Education. After deducting the amounts for two minor alternates which related to work within the existing building, the four bids received ranged from a low of $510,483 to a high of $565,200. The low bid was somewhat below the estimate which Architects Wolff/Zimmer/Gunsul/Frasca made following revisions in the plans and specifications.

With the consent of the Emergency Board on October 7, 1966, a construction contract award was made to the low bidder and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs - James S. Hickey, Inc.</td>
<td>$510,483</td>
</tr>
<tr>
<td>Professional Services Fees, including site survey</td>
<td>34,279</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>47,560</td>
</tr>
<tr>
<td>Construction Supervision, Landscaping and Miscellaneous Costs</td>
<td>12,363</td>
</tr>
<tr>
<td>Contingencies (3% of direct construction costs)</td>
<td>15,315</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$620,000</strong></td>
</tr>
</tbody>
</table>

Air conditioning will be provided within the library and the addition of 20,652 square feet will increase the total area of the building to approximately 41,808 square feet.

The total budget of $620,000 is $90,000 more than the expenditure limitation of $530,000 which had been anticipated by the 1965 Legislature. Tentatively, it is expected that approximately $170,952 of the project costs will be provided from a federal grant under the Higher Education Facilities Act of 1963 and the remainder will be financed from the General Fund appropriation in Section 1 of Chapter 599, Oregon Laws 1965, and/or redirected auxiliary enterprises net income and student building fees.

The Board accepted the report as presented.

On September 15, 1966, upon the request of the Vice Chancellor for Business Affairs, the Director of Facilities Planning inspected and accepted the work performed by construction contractors for Cascade Dormitory Units H and I at Southern Oregon College, subject to the completion of a few minor items. A revised semi-final budget for the project is shown below in comparison with the budget reported to the Board on September 13-14, 1965:
### Direct Construction Costs:

<table>
<thead>
<tr>
<th>Service</th>
<th>Revised Budget 9-15-66</th>
<th>Original Budget 9/13-14/65</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work - Ausland Construction Co., Grants Pass</td>
<td>$534,407</td>
<td>$519,800</td>
<td>$14,607 (1)</td>
</tr>
<tr>
<td>Mechanical Work - Western Mechanical, Inc., Medford</td>
<td>119,132</td>
<td>115,400</td>
<td>3,732 (2)</td>
</tr>
<tr>
<td>Electrical Work - Steck Electric, Co., Medford</td>
<td>51,854</td>
<td>51,460</td>
<td>394 (3)</td>
</tr>
<tr>
<td>Built-in Furniture - Educators, Manufacturing Company, Tacoma</td>
<td>75,144</td>
<td>75,144</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total direct construction costs</strong></td>
<td><strong>$780,537</strong></td>
<td><strong>$761,804</strong></td>
<td><strong>$18,733</strong></td>
</tr>
<tr>
<td>Professional Services Fees</td>
<td>37,799</td>
<td>36,362</td>
<td>1,437</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>44,664</td>
<td>41,980</td>
<td>2,684</td>
</tr>
<tr>
<td>Construction supervision, landscaping, legal and administrative costs, etc.</td>
<td>12,000</td>
<td>12,000</td>
<td>-</td>
</tr>
<tr>
<td>Land acquisition</td>
<td>75,000</td>
<td>75,000</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>22,854</td>
<td>(22,854)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$950,000</strong></td>
<td><strong>$950,000</strong></td>
<td><strong>$0</strong></td>
</tr>
</tbody>
</table>

(1) Includes substitute hardware for heavy duty doors, installation of carpeting in lieu of resilient floor covering within head resident's apartment, modification of a planter, changes in exterior stair, extension of retaining walls, and other changes incorporated within sixteen approved change orders.

(2) Includes addition of concrete drain tile connected with storm sewer, additional rock excavation, modification of serving lines in central kitchen, and other changes incorporated within eight approved change orders.

(3) Includes relocation of exterior light fixtures, exhaust fans and letter boxes and other changes incorporated within four approved change orders.

Plans and specifications for Units H and I of Cascade Dormitory were prepared by Architect Robert J. Keeney of Medford. Housing and dining accommodations are provided therein for 218 students, thus increasing the capacity of Cascade Hall to 829 students. For the gross area of 40,618 square feet within these final two units, the direct construction costs of $780,537 average approximately $19.21 per square foot. For the total Cascade Hall complex, including these two units and those previously completed, the average investment per student is $4,581.

Funds for the project were provided principally from Series 1963 A (self-liquidating) bond borrowings, the expenditure of which was authorized by Chapter 599, Oregon Laws 1965, and by the State Emergency Board on July 23, 1965.

The Board accepted the report as presented.
Report of Inspection and Acceptance of Dormitory No. 6, for Dormitory No. 5, subject to the completion of a few minor items. A revised semifinal budget for the project is shown below in comparison with the budget reported to the Board on July 26-27, 1965:

<table>
<thead>
<tr>
<th>Description</th>
<th>Revised Budget</th>
<th>Original Budget</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - Lorentz Bruun Company</td>
<td>$374,022</td>
<td>$367,956</td>
<td>$6,066(1)</td>
</tr>
<tr>
<td>Mechanical Work - Blecha Plumbing &amp;</td>
<td>94,245</td>
<td>93,955</td>
<td>290(2)</td>
</tr>
<tr>
<td>Heating, Salem</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Work - Brownell Electric,</td>
<td>25,031</td>
<td>24,838</td>
<td>193(3)</td>
</tr>
<tr>
<td>Inc., Salem</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Built-in Furniture Work - Tech-Craft,</td>
<td>38,982</td>
<td>38,982</td>
<td>-</td>
</tr>
<tr>
<td>Inc., Tacoma</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Direct Construction Costs</td>
<td>$532,280</td>
<td>$525,731</td>
<td>$6,549</td>
</tr>
<tr>
<td>Professional Services Fees</td>
<td>22,621</td>
<td>22,344</td>
<td>277</td>
</tr>
<tr>
<td>Furnishings and Equipment, including</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>floor covering</td>
<td>41,099</td>
<td>31,000</td>
<td>10,099</td>
</tr>
<tr>
<td>Construction Supervision and Miscellaneous Costs</td>
<td>5,000</td>
<td>5,000</td>
<td>-</td>
</tr>
<tr>
<td>Site improvement (paving)</td>
<td>4,000</td>
<td>-</td>
<td>4,000(4)</td>
</tr>
<tr>
<td>Contingencies</td>
<td></td>
<td></td>
<td>(20,925)</td>
</tr>
<tr>
<td>Total</td>
<td>$605,000</td>
<td>$605,000</td>
<td>-</td>
</tr>
</tbody>
</table>

(1) Includes substitution of epoxy-faced concrete block in lieu of ceramic tile facing on concrete block walls in shower rooms, substitution of plastered ceilings in lieu of acoustical tile in student rooms and other changes incorporated in four change orders.

(2) Includes furnishing and installing a vent for laundry rooms and other changes incorporated in four approved change orders.

(3) Includes modification of wiring for approved dryers in laundry rooms, furnishing and installing additional ceiling fixtures, and other changes incorporated within five approved change orders.

Plans and specifications for Dormitory No. 6, named Gentle Hall, were prepared by Architects Payne and Settecase of Salem. Three of the four individual units will provide housing accommodations for single students, and the other unit will include the main lounge, housemother's apartment and a few student rooms, as well as storage and mechanical areas. Based upon the gross area of 27,161 square feet, including one-half of the area of exterior walks and stairs, the direct construction costs of $532,280 average $19.60 per square foot. The total investment for each of the 146 student residents averages approximately $4,144.
The project was financed principally from Series 1963 B (self-liquidating) bond borrowings supplemented by approximately $30,934 of restricted fund balances available to the institution from dormitory operations, etc.

The Board accepted the report as presented.

Report of Appointment of Architects for Laboratory Building Addition, OTI

Upon the recommendation of President Purvine, arrangements have been made for the professional services of Architects Skidmore, Owings & Merrill, Portland, to assist the staff of Oregon Technical Institute in the design and construction supervision of the proposed Addition to the Laboratory Building. Funds for this project in the total amount of $1,805,000 are being requested from the 1967 Legislature as a part of the Board's capital construction program for 1967-1969. For their professional services, the architects are to be compensated at the rate of 5.45 percent of the direct construction costs and are to be reimbursed for a limited amount of travel and telephone expenses. The requirements for preliminary planning are to be financed from redirected auxiliary enterprises net income and student building fees as authorized by the Board at the April 1966 meeting.

The Board accepted the report as presented.

Report of Appointment of Architects for Forestry Building, OSU

Upon the recommendation of Oregon State University officials, arrangements have been made for the professional services of Architects Hamlin and Martin of Eugene for the design and construction supervision of the proposed new Forestry Building for which funds in the amount of $2,365,000 are being requested from the 1967 Legislature as part of the Board's capital construction program for the next biennium. Tentatively, it is expected that the direct construction costs, based upon the price level expected to be in effect in 1968, would be approximately $1,910,000. The professional services fee is to be 6.0 percent of the direct construction costs, including 1.25 percent for the preparation of basic studies and preliminary plans.

Funds required for the preliminary planning are to be provided by 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 accepted the report as presented.

Appointment of Engineers for Surveys of Heating and Electrical Requirements, UOMS & UODS

Upon the recommendation of institutional officials, arrangements have been made for the professional services of Engineers J. Donald Kroeker & Associates, consulting engineers of Portland, to review and project the expected heating requirements at the University of Oregon Medical and Dental Schools, based upon the present facilities and those proposed for construction during 1967-1973. The study is to include consideration of alternate methods of meeting the heating requirements.
requirements, such as through the expansion of the existing heating plant at the Teaching Hospital, the relocation of the central heating plant, the construction of one or more additional heating plants, etc. It is understood that the engineers will formulate recommendations to the Board based upon their study and analysis, reflecting cost estimates of the various phases of development of increased heating capacities. For their services, they shall be compensated on a time and materials basis not to exceed a maximum of $2,500.

Similarly, arrangements have been made for the professional services of Grant Kelley and Associates, consulting electrical engineers of Portland, to assist the staff of the Medical and Dental Schools in determining the lighting and power requirements for the institutions as related particularly to the six-year capital construction program. For their study and recommendations, including cost estimates, the engineers are to be compensated on a time and materials basis not to exceed a maximum of $1,500.

Funds for the planning are to be provided from redirected auxiliary enterprises net income and student building fees pursuant to authorization granted by the Board at the April 1966 meeting.

The Board accepted the report as presented.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Newsome properties located within the approved projected campus boundaries at 1460 and 1510 Villard Street, Eugene. The owner has indicated a desire to sell both properties and has executed options in the amounts of $12,875 and $11,750, respectively, which are in line with Board appraisals.

The property located at 1460 Villard consists of a lot containing 6,171 square feet improved with a modern frame residence. The property located at 1510 Villard consists of a lot containing approximately 6,800 square feet, also improved with a modern frame residence.

The properties are in the area designated for additional dormitory facilities and funds for the purchases are to be provided from those available for purchase of sites for auxiliary enterprise buildings (1963 B Bonds).

The Board approved the recommendation as presented.
In December 1962, the Board accepted the preliminary plans which Architects Bear, McNeil, Schneider, Bloodworth and Hawes had prepared for the proposed First and Second Additions to Cordley Hall at Oregon State University. It was indicated that the instructional and research facilities programmed for the first addition would be primarily for zoology, with some space devoted also to botany, plant pathology and entomology. This unit, containing approximately 124,016 square feet, was authorized by the 1965 Legislature and is now under construction.

Although it was previously intended that new facilities for microbiology and for fisheries and wildlife would be provided as a second addition to Cordley Hall, immediately east of the first addition, it was concluded some time ago that a more appropriate plan would be to satisfy these requirements within the initial unit of a Bioscience Building which would be located across Campus Way, west of the structure now used for the Farm Crops Department. This site is slightly west and south of Cordley Hall, and in the opinion of the campus planning consultant, Louis A. DeMonte, is adequate to permit major expansion of the Bioscience Building in the future. Accordingly, the architects were asked to make such minor modifications to the preliminary plans as would be required by identifying the building as a separate structure on the new site. The project was assigned Priority No. 10 in the Board's capital construction program for 1967-1969 at an estimated total cost of $3,780,000.

Institutional officials and the project architects have filed with the Board's Office a copy of the revised preliminary plans for the Bioscience Building reflecting a gross area of approximately 102,534 square feet within a total of six floor levels. The lowest level, identified as the ground floor, would be above grade only at the west side of the building. Most of the facilities for teaching and research in fisheries and wildlife will be located in the first three floor levels, including the three general purpose classrooms which will be available for institutional assignment. The remainder of the building will provide instructional and research areas for the Department of Microbiology. A total of about 470 student stations and 95 office stations would be contained within this unit. Many specialized laboratories and service areas, such as freezer rooms, media preparation rooms, animal quarters, aquaria, bird and mammal vivaria, etc., would be included also.

The structural frame of the building would consist of steel columns, fireproofed. Floor slabs are planned to be reinforced concrete flat slabs, post-tensioned for the lift-slab method of construction. If possible, the floor slabs for the two additional floor levels would be poured and left at the initial roof level for "lifting" at some future time. Exterior walls would be of reinforced concrete shear walls, concrete block non-bearing curtain walls, finished with brick veneer. Heating would be provided from the central heating plant using a split system of forced ventilation and direct radiation, including full air conditioning if possible. Two elevators would be specified for combination passenger and freight use.
Of the total estimated project cost of $3,780,000, it is anticipated that the direct construction costs would be approximately $3,145,000, including built-in laboratory equipment. Applications in the total maximum amount of about $990,000 have been filed for federal grant assistance for areas assigned to graduate instruction and research, but these applications have not been approved as yet by the National Science Foundation, the National Institutes of Health, or the U. S. Office of Education under Title II. If grant funds do not become available from these resources, it may be necessary to delete two floor levels of the building and make revisions in the plans so that construction could be undertaken within a budget limitation of $2,790,000.

With the concurrence of the Chancellor, President Jensen recommended the acceptance of the revised preliminary plans for the initial unit of the Bioscience Building as prepared by Architects Bear, McNeil, Schneider, Bloodworth & Hawes. Pending the availability of funds, final planning and construction will be deferred. (Funds required for the revision of the preliminary plans were made available from redirected auxiliary enterprises net income and student building fees, as authorized by the Board at the April 1966 meeting.)

The Board approved the recommendations as presented.

Revision of Financial Program for Science Building, Second Unit, SOC

On September 13, 1966, in response to the recommendation of President Stevenson and the Chancellor, the Board authorized the Executive Committee to approve a revised financial program for the proposed Second Unit of the Science Building at Southern Oregon College so that a request could be presented to the State Emergency Board to increase the expenditure limitation for this project above the level of $1,385,000 which had been acknowledged by the 1965 Legislature. It was indicated that Architects Payne and Struble had completed the final plans and specifications and had advised that a substantial adjustment appeared to be required in the estimated direct construction costs. It was also indicated that an independent estimate was being obtained to confirm or modify the architects' evaluation and that an application was being filed with the Educational Coordinating Council prior to the September 30 closing date in an effort to secure a grant under the provisions of Title I of the Higher Education Facilities Act of 1963.

Because of delays encountered in segregating the plans and specifications for the built-in furniture so that separate bids may be secured for this portion of the work, members of the Executive Committee were not contacted for the approval of a financial program, as had been contemplated.

The independent cost estimate was very similar to that of the architects, thus confirming the need to add approximately $600,000 to the project budget in order to finance the complete development of the facilities. A grant application for federal participation of at least $537,987 was filed, but the status thereof cannot be determined until Congress appropriates fund for the Higher Education Facilities program for the current fiscal year. When and if such funds do become available to the State of Oregon, it appears likely that the project will
rank sufficiently high to assure approval. In any event, as a result of the over-realization of grant funds on other projects authorized as part of the capital construction program for 1965-1967 and bid savings on some of the current program, funds would appear to be available to finance an increase of approximately $600,000 in the expenditure limitation for this project, subject to appropriate authorization by the Board and the State Emergency Board.

In view of the expectation that the direct construction costs of the project will be approximately $1,670,000 and the total project costs, including professional services fees, supervision, furnishings and equipment, site acquisition, contingencies, etc., will be about $1,985,000, President Stevenson recommended, with the concurrence of the Chancellor, that the appropriate Board officials be authorized to request an increase of $600,000, or as much thereof as required, in the expenditure limitation for the Southern Oregon College Science Building, Second Unit, and also in the expenditure limitation applicable to all of the capital outlay program authorized by Chapter 599, Oregon Laws 1965. Tentatively, it is expected that construction bids for the project would be solicited within the next few weeks and that contract awards would be made within the budget total of $1,985,000, if approved.

In response to a question from the Board, Mr. J. I. Hunderup, Director of Facilities Planning, explained some of the factors which were involved in the financial program for the building. He pointed out that a relatively high priority had been assigned to the science facilities at Southern Oregon College in the 1965-1967 biennium because of the acute need for these facilities. He stated that the rapid growth of the institution had resulted in the processing of many new capital construction projects with very limited staffing. Therefore, Southern Oregon College officials did not have an opportunity to document a detailed program for the science facilities prior to the deadline which was established for presenting materials to the Governor's Office for presentation to the 1965 Legislature. It had been determined that a certain area would be required and this area would be related to the first unit of the science building without considering adequately the complexity of current science laboratories or recognizing the amount of general classroom space in the first unit of the Science Building which will not be included in the second unit.

Consequently, when the request for funds in the amount of $1,385,000 was submitted, no architect had been employed, no plans had been drawn, and no detailed staff study had been prepared. When the architects did prepare preliminary plans, they indicated that an upward adjustment of approximately $240,000 would be necessary and it was determined that the expenditure limitation would probably need to be increased from $1,385,000 to $1,625,000. As the final plans were completed a substantial increase occurred in the electrical and mechanical trades. Also, the scientists reviewed the built-in equipment and laboratory fixtures and it became apparent the initial program was grossly inadequate. Mr. Hunderup indicated that the plan which has been developed meets the minimum requirements
for science facilities. If federal grants for this particular project should become available, the required $600,000 would be reduced by the amount of the specific grants received.

Mr. Hunderup also indicated that this science building is the last of the major projects which were authorized by the 1965 Legislature and that the use of the $600,000 for this project would not be detrimental to the remainder of the capital construction program for 1965-1967.

The Board approved the recommendations as presented.

In accordance with authorization granted by the Board at the April 25-26, 1966, meeting, a request was presented to the State Emergency Board to increase the expenditure limitation applicable to the Meats Laboratory at Oregon State University from $175,000, as indicated in Chapter 599, Oregon Laws 1965, to $222,000 with the understanding that the additional funds would be provided from federal grants or other restricted funds available to the Agricultural Experiment Stations. Subsequently, upon completion of the final plans and specifications by Architects Jeppsen and Miller, Corvallis, bids were solicited and were opened on October 13, 1966. Of the nine quotations received for the basic work, the lowest was in the amount of $234,000 and the highest was $255,000. After deducting several of the alternates which would omit certain units of the built-in fixtures and would make minor changes in the materials specified, the lowest bid could be reduced to $216,700, or approximately 15 percent above the architects' estimate of $187,885. The minimum budget requirements for the project would appear to be $237,000, as follows:

<table>
<thead>
<tr>
<th>Direct construction costs - Willis A. Hill, General Contractor, Salem</th>
<th>$216,700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional services fees (net of $6,936 paid from state appropriation in 1961-1963 for agricultural research buildings)</td>
<td>10,400</td>
</tr>
<tr>
<td>Physical Plant costs, including construction supervision</td>
<td>5,566</td>
</tr>
<tr>
<td>Movable equipment</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies (2% of direct construction costs)</td>
<td>4,334</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$237,000</strong></td>
</tr>
</tbody>
</table>

With the concurrence of the Chancellor, President Jensen recommended that the appropriate Board officials be authorized to request the Emergency Board to approve a further increase of $15,000 in the expenditure limitation for the Meats Laboratory in order that construction may proceed within the budget total of $237,000. It is understood that this additional amount would be requested from the federal government as a supplement to the grants of $47,000 previously approved. If such additional funds are not granted, it would appear to be necessary to increase the allocation from the 1965-1967 state capital outlay appropriation above the level of $175,000 contemplated for this project initially.

The Board approved the recommendations as presented.
Pursuant to authorization granted by the Board on April 25-26, 1966, authorization was given to Architect Richard C. Clark to prepare final plans and specifications for the remodeling of approximately 7,847 square feet within the main floor, partial basement and mezzanine areas of Chapman Hall recently vacated by the Co-op Bookstore at the University of Oregon. The remodeled spaces were expected to provide offices and related service areas for the University's Graduate School and also provide space for the Board's Office of Business Affairs, Facilities Planning Section. Eight bids for the project were received in Eugene on October 5, 1966, ranging from a low of $83,146 to a high of $99,467. The low bid was well within the estimate and direct construction cost allowance.

In anticipation of total project costs of $115,000, as approved by the Board, a request was presented to the Emergency Board on October 7, 1966, to authorize this additional project under the provisions of Section 7 of Chapter 599, Oregon Laws 1965. It was explained that $17,850 would be obtained from a federal grant under Title II of the Higher Education Facilities Act of 1963, $50,000 would be provided from unrestricted funds available to the University, and the remaining $47,150, or as much thereof as required, would be allotted from the Board's reserve for plant rehabilitation and minor capital outlay. By a majority vote, the Emergency Board denied the request, suggesting that the project be deferred for consideration by the 1967 Legislature.

In view of the critical need for office space at the University of Oregon, the availability of this area within Chapman Hall and the very favorable bids received for remodeling, President Flemming and the Chancellor recommended that the request be re-submitted to the Emergency Board for consideration at its next meeting. If it would be more acceptable to the Emergency Board to have the project financed from redirected auxiliary enterprises net income and student building fees, or other sources, (except for the federal grant of $17,850) rather than from unrestricted funds appropriated from the General Fund of the state, then the request should be amended accordingly.

The Chancellor stated that in resubmitting the project to the Emergency Board it would be emphasized that very favorable bids had been received for the project; an alternate source of funding would also be presented to the Emergency Board. In addition, it would be pointed out that the space was urgently needed and that it did not appear reasonable to continue to operate with inadequate facilities while the space to be remodeled remained unused for eight to twelve months.

The project was not included in the capital construction program for 1965-1967 because it had been estimated that the cost would not exceed $50,000 and would not require legislative approval. However, the number of people who would be located in the remodeled facilities made it necessary to expand the restroom facilities, thus substantially increasing the project costs as originally estimated. It was also noted that this space is not to be remodeled for use on a temporary basis then later converted to some other type of activity.

The Board approved the recommendation as presented.
Recently, the Portland data processing unit of the Comptroller’s Office was moved from the Physical Plant Building at the Medical School to the Portland State College Center Building. With the concurrence of the Chancellor, Dean Baird and Dean Noyes recommended that the space vacated in the Physical Plant Building be used for the relocation of personnel offices, enlargement of the printing department, establishment of an office for campus planning and development, and for office space for the visual aids department. To cover the estimated cost of making the necessary alterations, the Chancellor recommended that $20,000, or as much thereof as may be required, be allocated from the Board’s reserve for plant rehabilitation and minor capital outlay.

In response to questions from the Board, Mr. Donald R. Larson, Assistant Chancellor, described the coordination of printing activities within the State System. He stated that there is a state printing coordinating committee under the chairmanship of the State Printer. Because of the complexity of state printing and the tremendous increase in the amount of state printing, this committee is dealing with many problems, including the acquisition of equipment. The committee hopes to employ a coordinator of state printing to work directly with the State Printer and the State System to study special needs that may be emerging at the institutional level as well as in the Portland community in general. He said that the five members of the committee represent the various institutions in the State System of Higher Education.

Mr. Larson also said that in Portland at the present time there is not what would be specifically referred to as a press. There are some sophisticated duplicating departments but not the hot metal linotype operation. He indicated that private printing enterprises have expressed an interest in assisting with state printing. Currently some catalog runs and other large jobs are frequently run privately. The presses at Oregon State University and the University of Oregon serve to some extent as interinstitutional presses to assist the other institutions.

In addition to the printing coordinating committee there is a publications committee in the State System which has developed a set of guidelines. The institutions seek to avoid the ostentatious type of publication. The content of the publication is determined at the institutional level. The literature recognizes offerings which are available at other institutions and is not intended to serve as advertising or selling brochures.

The Board approved the recommendation as presented.
Report of Bids and Contract Awards for Mechanical Engineering Building, OSU

Bids which were received in Corvallis at 8:00 P.M. on September 29, 1966, for the proposed Mechanical Engineering Building at Oregon State University may be summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>8</td>
<td>$721,485</td>
<td>$857,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>7</td>
<td>249,256</td>
<td>314,000</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>6</td>
<td>86,783</td>
<td>97,260</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the low bids was considerably below the direct construction cost allowance indicated to Architects Wilmsen, Endicott & Unthank, contract awards were made and the following budget was approved for the project:

Direct construction:
- General Work - Claude Buerge Construction Co., Albany $721,485
- Mechanical Work - Sunset Valley Plumbing & Heating Co., Portland 249,256
- Electrical Work - AMCO Electric, Inc., Albany 86,783

Total Direct Construction Costs $1,057,524

Professional services fees, including soils investigations, and other consultant's charges 71,652
Construction supervision, balancing and testing, moving and miscellaneous physical plant costs 37,871
Furnishings and equipment 96,803
Contingencies (2% of direct construction costs) 21,150

Total $1,283,000

The total project costs are $240,000 less than the expenditure limitation of $1,525,000 noted in Chapter 599, Oregon Laws 1965. The project is to be financed from a combination of various resources, including $29,992 from indirect cost allowances relating to instructional and research contracts and grants, $51,000 from the General Fund appropriation in Chapter 599, Oregon Laws 1965, with the remainder to come from redirected auxiliary enterprises net income and student building fees and/or federal grant funds under Title I of the Higher Education Facilities Act of 1963. An application for such federal grant funds was filed with the Educational Coordinating Council for consideration at the September 30, 1966, closing date.

Plans and specifications for the Mechanical Engineering Building, which is to be identified as Rogers Hall, were prepared by Architects Wilmsen, Endicott & Unthank of Eugene. The four-story structure will be constructed of reinforced concrete, with brick veneer, and will be connected with Dearborn Hall (electrical engineering). The new facilities will include automotive, air conditioning, refrigeration, industrial systems and environment, aeronautical, machine design, air pollution, and fuels and lubricants laboratories, as well as offices for the staff in the Department of Mechanical Engineering.
Based upon the gross area of 54,598 square feet, the direct construction costs of $1,057,524 average approximately $19.37 per square foot, including air conditioning and fixed equipment.

The Board accepted the report as presented.

At the July 25-26, 1966, meeting, the Board approved the priority listing of capital construction projects, land purchases and architectural/engineering planning for which legislative authorization is being requested for 1967-1969. One of the major considerations in the preparation of this listing was the enrollment projections prepared in the Board’s Office in consultation with the various institutions.

The biennial budget for operating costs for 1967-1969 was also approved at the July 25-26, 1966, meeting and adjusted at the Board meeting on September 13-14, 1966. Modifications to this budget will be required as a result of the changed enrollment projections.

In view of adjustments which may be required at this time in the long-range enrollment estimates based upon the fall term 1966 enrollment experience, the Chancellor recommended that the appropriate Board officials be authorized to make such modifications in the proposed capital construction program for 1967-1969 as appear to be required, either in amounts or in the priority positions of the individual items. It is expected that a revised listing will be submitted to the Governor’s Office within the next few weeks, and, thereafter, a report will be made to the Board.

The Chancellor also recommended that the appropriate Board officials be authorized to modify the 1967-1969 operating budget request to reflect the revised enrollment estimates.

The Board approved the recommendations as presented with the understanding that the enrollment data and other pertinent information would be mailed to Board members and reviewed at the next meeting of the Board.

At the June 14-15, 1966, meeting of the Board, following the receipt of bids for the Library Building Addition and Alterations at the University of Oregon Medical School, a report was made of the contract award and of the project budget totaling $305,000. It was indicated that a bid alternate of about $13,000, omitting the elevator, would be reinstated if sufficient funds could be made available from amounts budgeted for contingencies, construction supervision and administrative costs. This alternate is now being reinstated without requiring a change in the total project budget.

During the planning of this project over the last few years, it was anticipated that funds required for the interior furnishings would be provided from unrestricted gifts rather than from state-appropriated funds. Former budget practices did not require legislative authorization for the expenditure of funds from private donors. In view of the wording of Chapter 599, Oregon Laws 1965, however, there may be some question about exceeding the expenditure limitation of $305,000 for the library project without seeking authorization by the State Emergency Board. Consequently, Dean Baird, with the concurrence of the Chancellor, recommended that the appropriate Board
officials be authorized to seek authorization from the State Emergency Board to increase the expenditure limitation for the University of Oregon Medical School Library Building Addition and Alterations from $305,000 to $330,000 with the understanding that the additional requirements of $25,000 for interior furnishings will be provided from the Weeks Trust Fund ($15,000) and the recent bequest under the Will of Dr. A. G. Bettman ($10,000).

The Board approved the recommendations as presented.

At the September 13-14, 1966, meeting of the Board, the Land Re-use Plan which Portland State College officials had prepared with the assistance of Architects Campbell-Michael-Yost was approved for submission to agencies of the City of Portland and the federal government in support of the application for the proposed Urban Renewal project. It was indicated that the architects also had been commissioned to assist in the preparation of a general development plan for Portland State College which would give appropriate consideration to parking requirements, vehicular and pedestrian circulation, service for emergency vehicles, utilities, street closures, landscaping, city, state and urban renewal requirements, total gross area of building and structure requirements for the projected enrollment of 20,000 full-time equivalent students, etc.

Institutional officials and the architects have filed with the Board's Office a copy of their plan for the long-range development of Portland State College. This plan envisions or anticipates an urban college of 20,000 full-time equivalent students of whom approximately 20 percent would be registered for graduate study and about 80 percent registered for undergraduate academic pursuits. The plan would be adaptable to shifting academic emphases, changes of undergraduate to graduate ratios and new methodologies as they might apply to higher education. The plan recognizes the limited site area and precludes the provision of residential facilities for the projected student body.

Tentative projections of building space requirements for the ultimate enrollment of 20,000 FTE students total 3,200,000 gross square feet of floor area for all facilities of the college except parking and outdoor activities. This gross floor area would be located within existing structures or new buildings to be constructed within the present boundaries of the institution. In general, the space projections are based upon planning standards made available to the Portland State College staff and the architects in researching plans of other modern urban colleges with similar curriculums. The plan identifies possible locations of individual future buildings and other structures, concentrating facilities for general academic purposes west of S. W. Broadway. Some of the service facilities, such as the proposed College Services Building, and a portion of the parking facilities would be located between S. W. Broadway and S. W. Sixth Avenue.
Pursuant to the planning objective approved by the Board at its July 25-26, 1966, meeting, a total of approximately 6,700 parking spaces would be provided on the basis of a ratio of one parking space for each three FTE students. Tentatively, it is expected that a portion of the parking requirements would be located under future buildings, such as the College Services Building and the Science Building included in the 1967-1969 capital construction program. The plan proposes an integration of the institutional traffic with that of the City's traffic system and recommends the closing of some streets within the area of institutional development to other than service and emergency vehicular traffic.

To provide adequately for pedestrian circulation within such a high-density area, an overhead mall is proposed, separating pedestrian and vehicular traffic, providing covered walkways and reducing vertical circulation (stairways, elevators, escalators, etc.). The proposed covered overhead pedestrian malls would assure the continued use of the Park Blocks as open green areas, passive in nature yet remaining conducive to public use. Building densities are not to exceed 50 percent of the total site area, and individual building heights are to be limited generally to four levels above the pedestrian circulation systems.

It is anticipated that the student Christian Center, the Ione Plaza and the Park Plaza, all of which are located within the development boundaries, would remain under private ownership, and that access streets to these buildings would remain open. General site improvements of streets, utilities and landscaping have been recognized in the study. The development contemplates complete plan coordination of these matters with the governing city, state and federal agencies.

With the concurrence of the Chancellor, Portland State College officials recommended that the general development plan, as prepared with the assistance of Architects Campbell-Michael-Yost under date of October 1966, be approved for use as a guide to the future physical development of the College. It was also recommended that multiple copies be printed and that distribution be authorized, including presentation to agencies of the City of Portland and the Federal Government in support of the application for the Urban Renewal project.

Mr. W. T. Lemmon, Director of Business Affairs at Portland State College, reviewed the earlier planning for the institution. He stated that Portland State College is an urban institution immediately adjacent to the central business district and the development of the institution and its facilities must be in that context. Established traffic patterns, land values, land uses and other aspects of its city location cannot be disregarded in the planning. Mr. Lemmon stated that the general development plan prepared by Architects Campbell-Michael-Yost was designed to serve students and faculty
based on an educational program which related to the guidelines approved by the Board for Portland State College.

Mr. Lemman mentioned that the area approved for the development of Portland State College contains 52.3 acres, of which approximately 10 acres are streets, 6 acres are in the publicly-owned Park blocks and will remain in city ownership and use, and 1.8 acres will remain in private use. This leaves 34 acres for development of academic and related facilities for a student and staff headcount population ultimately of 27,500 people, representing a full-time-equivalent student population of 20,000 with a total of 4,000 faculty and staff. He said that the land available and the traffic patterns around the institution necessitate the size limitation. It was also assumed that the student population would be approximately 20 percent graduate and 80 percent undergraduate.

Mr. Lemman indicated that the Board had previously approved a parking ratio of one space for each three full-time-equivalent students, or a total of approximately 6,700 parking spaces on this site. The Board discussed the self-liquidating and self-supporting concept with reference to including the cost of land used as sites for parking facilities and particularly whether there would be a proration of the cost of the land in cases where the land was used for a dual purpose.

The Chancellor indicated that it was not possible at the present time to assure the Board that the land which currently might be planned for parking would be paid for from auxiliary enterprise project funds, but the Board could be assured that parking would be self-liquidating and self-supporting in accordance with whatever policies the Board adopted.

Mr. Lemman said that buildings, to the maximum extent possible, would be walk-up structures to minimize the costs of vertical transportation systems. Ground coverage by buildings would not exceed 50 percent of the total site. The Park Plaza, the Ione Plaza, and the Campus Christian Council building would remain in private ownership.

In concluding the presentation of the General Development Plan, Mr. Lemman stated that the mayor of Portland had appointed a coordinating council consisting of a number of city officials from the Planning Commission, the City Engineer's Office, and the Transportation Coordinator. The council had been consulted extensively and the conclusions of its members were reflected in the plan.

Board members questioned whether the boundaries indicated in the development plan meant that no further space would be available for Portland State College and if this were so, whether the land tentatively scheduled for parking should be reserved for academic use with other locations or methods considered to meet the parking needs.
Portland State College officials described several possible locations for parking which had been considered in preparing the development plan, and indicated the reasons they had not been recommended at this time. They also said that shuttle bus service was being started between the College and parking space leased at the Memorial Coliseum.

Mr. Payne stated that Board members were concerned that the campus boundaries would be established within a specific area and later, irrespective of what could now be foreseen, there could be a vital need for additional classroom structures in those areas where there would be parking lots or garages which could not be moved. At that time, properties which could be obtained now for campus expansion might not be available. He also said that the Board members were concerned that the proposed parking structures might not be completely self-liquidating.

Mrs. Johnson said that Board members had received a communication from the Fruit and Flower Day Nursery asking the Board to permit that organization to remain in its present location within the urban renewal project which is a part of the general development plan. The nursery is a United Good Neighbor activity located at 1609 S. W. 12th Avenue in a building of architectural significance. Mrs. Johnson expressed the hope that every avenue would be explored to preserve the nursery. Portland State officials indicated that the acquisition of land would take place over a four-year period and the Fruit and Flower Day Nursery would be given a very low priority which would postpone the acquisition of the property until the end of the project. The facility would also be appraised on the basis of a special purpose institution which would represent the market value of the land, replacement cost less depreciation, and also moving costs. Mr. Lemman said that everything possible would be done to assist the nursery but at this time college officials would not recommend that it be excluded from the plan because if this were done it might result in the removal from the Urban Renewal project of the entire superblock area on which the nursery is located. However, the exclusion of the superblock probably would not affect the remainder of the urban renewal project.

Before the Board acted on the General Development Plan for Portland State College, it discussed the following agenda item on basic studies for the Portland State College Services Building. During the discussion of the latter project, Mr. Holloway made a motion that the recommendation from Portland State College and the Chancellor regarding the Portland State College General Development Plan be approved by the Board.

The Board approved the recommendations as presented.
Early in 1963, the Board approved preliminary plans for a proposed Physical Plant Services Building at Portland State College for which construction funds were requested from the 1963 and the 1965 Legislatures but were not appropriated. During the development of the capital construction program for 1967-1969, it was apparent that significant modifications would need to be made in these plans in order to accommodate other service departments besides the Physical Plant. Consequently, Architects Witt, Englund, and Plummer were asked to prepare revised basic studies for the project, now identified as the College Services Building, for which construction funds in the total amount of $980,000 were assigned the highest priority position in the Board's capital construction program for the next biennium.

The architects and Portland State College officials have filed with the Board's Office the revised basic studies for this project anticipating that the structure would occupy all of Block 189, bounded by S. W. Broadway, Mill Street, Montgomery Street, and 6th Avenue except for the 7,500 square foot area in the southwest quarter of the block which is owned by the Campus Christian Council and is being used for a new interdenominational student center now under construction.

Including underground parking for approximately 68 vehicles on the north half of the block, the gross area of the proposed College Services Building totals approximately 35,000 square feet. Initially, the structure would have a basement, a complete main floor level for warehouse and shops, and a partial second floor for offices. Structural capacity would be provided to permit the future development of three more floor levels, increasing the gross area of the building to as much as 227,500 square feet. The building would be of reinforced concrete construction with exterior finishes of brick masonry and exposed concrete. Interior partitions within the shop and warehouse areas would be of concrete block. Office spaces for the Physical Plant Department, Placement Service, and Classified Personnel Offices would include the use of gypsum lath and plaster on metal stud partitions. Ceramic tile would be used for toilet rooms. Mechanical systems would be coordinated with the central plant in the Southeast Unit of State Hall extended to the building via the overhead mall at Montgomery Street. Mechanical ventilation would be provided for the shops and parking areas and office areas would be supplied with an all-air system, including cooling. Provision would be made for the future use of a portion of the basement area for a central computer facility replacing the space now used for this purpose in the College Center.

Based upon the price level expected to prevail in 1967 when bids for the project would be received if authorization for construction is obtained from the Legislature, it is estimated that the direct construction costs, exclusive of the overhead mall connecting this
project with the bridge between the College Center and State Hall and exclusive also of the parking area for which separate financing would be provided, would be approximately $810,900. The total cost of the building expected to be financed from State appropriations or offsets would be $980,000, which is the amount reflected in the Board’s capital construction program for 1967-1969. In order to include underground parking (for which the direct construction cost estimate is $175,000 and the total project cost including fees, supervision, and contingencies, is $195,000), it is proposed that the estimated cost of the College Services Building be increased to $1,175,000 and that the adjustment of $195,000 be reflected as a reduction in the $1,165,000 estimated cost of Parking Structure II, which was assigned Priority No. 17 in the Board’s capital construction program for 1967-1969.

It is expected that the portion of the project applicable to parking facilities would be financed from self-liquidating bond borrowings and/or other restricted funds available to the institution. Based upon the planned capacity of 68 vehicles, the investment of $195,000 would average approximately $2,858 per space. (The average cost of each space within the 891-car parking structure now being completed immediately east of South Park Hall is expected to be approximately $2,004, including $1,478 for the structure itself and $526 for site acquisition and site clearance costs.)

With the concurrence of the Chancellor, Portland State College officials recommended the approval of the basic studies for the proposed College Services Building and request that the appropriate Board officials be authorized to instruct the architects to complete the preliminary plans for the project based upon the direct construction cost allowance of $985,900 and a total project estimate of $1,175,000, including parking. It was also recommended that the capital construction program, approved July 25-26, 1966, be modified to transfer $195,000 from Priority No. 17 (PSC Parking Structure II) to Priority No. 1 to recognize the intent to provide underground parking as part of the College Services Building project. It is anticipated that the cost of the site, exclusive of the 10,000 square foot area now owned by the Board, would be financed from the General Obligation bonds sold recently in connection with the Urban Renewal land acquisition program.

Mr. Lemman called attention to the fact that a usable surface would be placed on the roof of the parking portion of the services building so that it could be used as a plaza. This area could either be enclosed and constructed upon at a later date, it could remain open as a plaza, or there could be construction above the second floor level thus maintaining the open space below. He also pointed out that this is the first time that parking is to be placed underneath an otherwise non-self-liquidating facility. The 1967-1969 capital construction program for Portland State College proposed a major parking facility. It is now anticipated that instead of constructing a separate parking facility, a recommendation will be made that parking be provided in three parts, one to provide 68 spaces below the College Services Building, another to include parking under
Science Building II, with the remainder to be reserved for a parking structure, if needed.

The architects for the College Services Building and the Science Building indicated some of the elements of the building cost which were included in the allocation of costs to the parking area. Mr. H. A. Bork, Vice Chancellor for Business Affairs, asked that Portland State College officials provide the Board's Office with a detailed analysis showing the assumptions and mathematical basis of separating the estimated cost of direct construction applicable to (1) the educational and general plant and (2) automotive parking space. It was indicated that this analysis of direct construction costs and other costs might affect the distribution of capital outlay funds for which authorization is to be requested of the 1967 Legislature. Also these fundamental principles are expected to establish a pattern to be followed for the Portland State College Science Building II, which also includes basement automotive parking.

In response to questions from Board members, College officials described some of the preliminary schemes which had been considered for the building and for parking. It was pointed out that in some of the schemes vehicular access was not adequate or satisfactory, and other proposals presented problems of safety or in the delivery of supplies and materials. It was indicated that the plan is based on the assumption that deliveries to and from the College Services Building could be made by hand trucking through tunnels or elevated malls and it would not be necessary to load and unload trucks in the access areas.

The Board approved by a majority vote the recommendations as presented.

The meeting was recessed at 4:45 P.M., October 24, 1966, and was reconvened at 9:00 A.M., October 25, 1966, with the following members present:

Mr. J. W. Forrester, Jr.  
Mrs. Elizabeth H. Johnson  
Mr. Philip A. Joss  
Mr. George H. Layman

Mr. Ancil H. Payne  
Mr. John W. Snider  
Mr. Chas. R. Holloway, Jr.

Absent: R. E. Purvine was absent for business reasons and Mr. Ray T. Yasui was out of the state.

Report of Final Plans for Cooperative Living Dormitories, UO

At the March 7-8, 1966, meeting, when the Board approved the basic studies for the Cooperative Living Dormitories proposed for construction north of the Millrace on the campus of the University of Oregon, it was indicated that the final plans for the project should "be brought back to the Board for review and appropriate authorization."
University officials and Architects Zaik & Miller, successors to Architects Blair & Zaik, have filed with the Board's Office a check set of the final plans and specifications for the Cooperative Living dormitories which are in substantial agreement with the basic studies and the preliminary plans approved earlier. By rearranging furnishings within three of the rooms, the capacity of each of the buildings has been increased from 63 students to 66 students. Consequently, for the initial three units proposed for immediate authorization, the total capacity would be 198 students. The gross area of each building is now estimated to be approximately 11,597 square feet compared with the earlier estimate of 11,863 square feet. This reduction was effected by eliminating the storage area on the third floor level in order to avoid a conflict with the more stringent code requirements if use of a third floor was anticipated. The revised gross area averages approximately 176 square feet per student which is slightly less than the figure of 188 anticipated by the basic studies and substantially below the range of 215-235 square feet which the Board adopted as a standard for regular dormitory construction.

Because of increases in direct construction costs during 1966, institutional officials have indicated that a total of at least $1,010,000 would appear to be required for the initial three units if it were necessary to include the construction of a utility tunnel to bring heating and electrical services from the central heating and power plant of the University. In accordance with the program mentioned in the minutes of the July 25-26, 1966, meeting, when a report was made of the acceptance of the preliminary plans for this project, the architects have developed the final plans in such a way as to permit alternate heating systems within the individual buildings capable of future connection to central services when and if it appears advisable to construct the utility tunnel.

A budget limitation of $910,000 was imposed for this project earlier this year, when a financial program was developed for several additional auxiliary enterprises projects for which authorization was expected to be requested from the State Emergency Board. To stay within this amount, it would appear to be necessary to limit the construction of University housing to three units with separate heating systems, omitting the service tunnel connection to the central heating and power plant. On this basis, the architects have estimated that the direct construction costs would be approximately $620,410, or about $17.83 per square foot. The total budget, including professional services fees, landscaping, furnishings and equipment, contingencies, construction supervision and other physical plant costs, would be approximately $814,100. Of this total, $31,150 relates to charges for the design of the utility tunnel and future additional housing units, leaving $783,000 as the base for determining the investment of approximately $3,954 for each of the 198 student residents. Since the design of the individual buildings is identical for each unit, bid alternates may be provided to obtain prices for the incremental costs of constructing the fourth and fifth units.
With the concurrence of the Chancellor, President Flemming recommended that the appropriate Board officials be authorized to submit a request to the State Emergency Board for authority to spend $910,000, or as much thereof as required, for three units of the Cooperative Living Dormitories at the University of Oregon. Thereafter, bids would be solicited and contract awards would be made if satisfactory bids were received. Funds required for the project would be provided from self-liquidating bond borrowings and other restricted funds from auxiliary enterprises operations at the University, pursuant to the financial program reviewed with the Board at the March 8-9, 1966, meeting. It is probable that the construction of the utility tunnel which would connect this project with the central heating and power plant would be deferred indefinitely since the estimated cost thereof ranges from $200,000 to $250,000.

Mrs. Johnson said that there were certain very honest and very divergent opinions on building this type of housing as a response to an emergency housing situation and that it would have been preferable if the ad hoc committee on student housing had been able to come up with some of the policy determinations on cooperative housing. She pointed out that when the proposal for cooperative housing units was presented in March it was indicated that concurrently with accepting the plans action would be taken on fiscal and operational policies. These fiscal and operational policies were not adopted in March but an ad hoc committee on housing was appointed to consider and develop the policy statements which would result from the housing study. She said the differences of opinion did not involve the private, traditional type of cooperative housing nor did they involve any feelings that this was probably not a very good system of living which perhaps should be offered to more students if it were financially possible to do so.

She indicated that the housing committee is still concerned with four points:

1. What kind of students are to be served;
2. Who selects the students to live in the cooperative houses;
3. How should these units be financed; and
4. Is this an appropriate response to an emergency housing situation.

She said that in determining what type of students are to be served it has been said that the housing would be for students who are willing to accept more limited space. It has also been indicated that these units would provide a small group living experience or would provide financial assistance. She expressed the opinion that it should be so stated if these reasons are the basis for providing cooperative living dormitories. The financial aids officer should be involved in the selection process if the purpose of the housing is to assist students financially.
Mrs. Johnson said that the present selection of new members by current members of the cooperative is valid for an independent group which owns a house, provides financing, and pays taxes. But the same selection process is not valid where the housing is public and provided at public expense by State of Oregon bonds to be retired from dormitory reserves, built up out of board charges as well as room charges. In regular state-owned dormitories, spaces are assigned on a first-come-first-served basis.

Another area of concern, Mrs. Johnson indicated, is that of financing. Traditionally board payments have contributed more heavily to the dormitory reserves than have the room payments. Under the policy presently followed dormitory reserves are used to retire bonds which may be used to finance construction of cooperative student housing units. Students in the cooperative houses do not pay board bills so that it would appear that students in the regular dormitories are subsidizing those in the cooperative houses.

Mrs. Johnson concluded by saying that Board members would be more comfortable if cooperative housing were to be furnished to any Oregon student on a first-come-first-served basis and if the cooperative units were convertible to regular dormitory use. It would also be preferable if the Board were not at the point of proceeding with these units in the absence of the housing and fiscal policies which are being prepared.

President Flemming stated that the cooperative living dormitories could be operated in conformity with any policy that the Board might establish related to cooperative housing.

The Board then discussed aspects of the selection and financing questions, the progress of the ad hoc committee in developing the housing and fiscal policies, the dormitory space needs and occupancy at the University of Oregon and the planning and construction schedule necessary if the University of Oregon housing is to be ready by the fall of 1967.

Mr. Payne asked whether the cooperative units could be operated economically and efficiently within the regular dormitory system if they were not operated as cooperatives.

President Flemming responded that after the Board decided on the policies, the results of these policy decisions would be presented to CO-ED Housing, Inc. This organization might not want to operate under the established policies and might decide to continue to operate on its own without being subject to Board policy. The University would then open the units to students generally to be operated on the cooperative principle by the University. Financial need might be involved in the selection of the students, possibly to be determined through consultation with the financial aids officer. Finally, if neither of these arrangements proved to be feasible, the units could be operated as regular residence hall units although it was President Flemming's opinion that the latter alternative was unlikely.
The Chancellor stated that he had been assigned the responsibility for drafting a statement of policy on housing and that he had prepared a draft of such a document which contained the principles related to this kind of housing which it was his assumption were generally acceptable to those persons with whom they were discussed. He suggested that the Board could take a specific action on these policies if it wished to do so. He then identified the following four elements being considered by the persons who have talked about the policies:

1. That following the completion of the projects which were approved by the Board at an earlier meeting subject to the further consideration of final plans, namely the three proposed cooperative units at the University of Oregon, any further proposals for cooperative living dormitories would be withheld pending an opportunity to evaluate the actual operation of the units at Oregon State University and the University of Oregon.

2. That the institution select the students to occupy these units. The Chancellor pointed out that the first-come-first-served policy has never fully operated in the regular dormitories because there has never been enough housing available to accommodate all of the upper class students. First, all of the freshmen must be housed.

3. That the rental contracts, if these are to be operated as cooperative houses, be between the individual students and the institution, not between any organized group and the institution; and

4. That the units be wholly self-supporting and self-liquidating, with the proviso that in the initial stages, time would be required to determine what kinds of charges and what kinds of arrangements would make this possible. Initially, they would not be fully self-supporting and self-liquidating.

The Chancellor said that he did not anticipate coming back to the Board with any other policy recommendations until the proposed cooperative housing at the University of Oregon has been evaluated.

He indicated also that he would exercise every possible influence to see that the students were selected by the institutions, that the rental contracts were between the institution and the students, and that every effort would be made to see that the cooperative units were self-liquidating and self-supporting.

After some discussion, the Board agreed to refer the Chancellor's proposed policy statement to the ad hoc committee for study and recommendation. There was also some discussion of the total construction cost and the cost per student including the allocation of the costs for the utility tunnel. President Flemming indicated that the estimated cost per student as presented in the recommended
plans was $3,954, and that he would be inclined not to recommend the project if the cost per student were to go over $4,000. Dr. Flemming also pointed out that in his opinion the cost for designing the utility tunnel should not be attributed to the cooperative housing project because it was no longer a part of the project as it was at an earlier stage of the planning. Mr. Bork stated that the architectural fees for designing the utility tunnel were to be paid from funds set aside for the project and within the proposed $910,000 expenditure limitation.

The Board approved the recommendations as presented, with the understanding that the proposed cooperative living dormitories would be operated under the policies to be recommended by the ad hoc committee and to be considered by the Board at the December 1966 meeting. In voting for the motion, Mr. Payne stated that in December he would vote to refuse any bids unless a housing policy were ready for consideration at that time because he believed it essential to have a housing policy in order to determine the solutions for some of the problems which had been discussed.

At the regular Board meeting on September 13-14, 1966, the Board authorized the Chancellor to present a request as follows to the meeting of the Emergency Board scheduled for Friday, October 7, 1966: Transfer from the 1965-1967 general fund state appropriation for capital outlay to the general fund appropriation for maintenance and support of the institutions in the amount of $200,609 to cover the cost of $21,154 for proposed salary improvements for faculty in the School of Nursing during fiscal year 1966-67, effective January 1, 1967, and $179,455 to cover the estimated operating budget deficiency in the Medical School Hospitals and Clinics representing principally pay adjustments for hospital nurses to be effective September 1, 1966, and for hospital technicians to be effective October 1, 1966.

The action taken by the State Emergency Board on October 7, 1966, was as follows: Transferred $188,165 from the amount provided in Sec. 1, Chapter 599, Oregon Laws 1965, for capital outlay to amount provided in Sec. 1, Chapter 600, Oregon Laws 1965, for operating expenditures in the Medical School Hospitals and Clinics to provide for the cost of pay adjustments through June 30, 1967, as recommended by the State Civil Service Commission for nurses and technicians employed in the Medical School Hospitals and Clinics. The amount of $188,165 referred to above includes pay adjustments for individual positions in the Hospitals and Clinics subsequently approved by the State Civil Service Commission at rates greater than estimated in the recommendation presented to the Board at its meeting of September 13, 1966. Funding was not provided by the Emergency Board for the cost of $21,154 for pay adjustments for the teaching staff of the School of Nursing in the Medical School from January 1, 1967, through June 30, 1967, as approved by the Board on September 13, 1966.

The Board accepted the report as presented.
President Fleming reports an increase in estimated fee income from self-sustaining summer session workshops at the University of Oregon in the amount of $47,855. He recommended that the amount be added to the expenditure budget for the 1966 Summer Session, to provide for the additional expenses necessary in connection with the workshops.

The Board approved the recommendations as presented.

Operating Budget Adjustments Resulting from Fall 1966 Student Enrollments Over or Under Budget Estimates

Head count student enrollments on the nine campuses of the State System for the fall term of 1966-67 will aggregate approximately 44,078. This compares with an adjusted enrollment estimate in the 1966-67 annual operating budget of 46,219, or 2,141 less than had been estimated in the revised operating budget for the second year of the current biennium. It should be noted that the aggregate enrollments of 44,078 for the current fall term exceed the enrollment estimates in the biennial budget originally presented to the 1965 Legislature by 1,628. The enrollment estimates for fall 1966-67 had been adjusted upward from 42,450 to 46,219 when the fall 1965 aggregate enrollments proved to be 3,028 greater than had been estimated in the biennial budget.

The enrollment situation in the fall of 1966 is summarized as follows:

- Total revised enrollment estimate, fall 1966: 46,219
- Present estimated final total, fall 1966: 44,078
- Number of actual enrollments under revised budget estimate: 2,141

Because of the smaller number of students than estimated in the revised operating budget for year 1966-67, it is necessary to reduce the estimate of aggregate student fee income for the State System during year 1966-67 in the net amount of $332,039. It was found in revising the student fee income estimates that there was some gain in the numbers of nonresident students above the number estimated in the 1966-67 operating budget and also some other miscellaneous adjustments which are given effect in the final reduction of $332,039 in the 1966-67 income estimates. As indicated in the following summary, the enrollments at some of the institutions are below the budget estimates and higher than the budget estimates at other institutions.

In view of the above circumstances, the Chancellor recommended budget decreases at those institutions which did not reach the budget enrollment estimates and budget increases in those institutions which exceeded the enrollments estimated in the operating budget. The net result of the recommended budget adjustments will be to reduce the aggregate operating budget for the nine campus institutions by $332,039, which is the amount of the necessary downward adjustment in student fee income estimates. The enrollment results and the recommended budget adjustments at each campus institution are summarized as follows:
### Proposed 1966-67 Operating Budget Adjustments Which Are Required Because of Fall 1966-67 Student Enrollments Greater or Less Than Estimated in 1966-67 Annual Budget

<table>
<thead>
<tr>
<th>Inst.</th>
<th>Estimated in Budget</th>
<th>Estimated Final Total as of This Date</th>
<th>Number Over or (Under) Non Residents</th>
<th>Budget Addition or (Reduction) per Student</th>
<th>Amount of Proposed Budget Addition or (Reduction)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UO</td>
<td>12,976</td>
<td>13,037</td>
<td>40</td>
<td>21</td>
<td>61</td>
</tr>
<tr>
<td>OSU</td>
<td>12,705</td>
<td>12,672</td>
<td>(133)</td>
<td>100</td>
<td>(33)</td>
</tr>
<tr>
<td>PSC</td>
<td>10,553</td>
<td>8,813</td>
<td>(1,761)</td>
<td>21</td>
<td>(1,740)</td>
</tr>
<tr>
<td>OCE</td>
<td>$2,338</td>
<td>$2,453</td>
<td>118</td>
<td>(3)</td>
<td>115</td>
</tr>
<tr>
<td>SOC</td>
<td>3,745</td>
<td>3,450</td>
<td>(293)</td>
<td>(2)</td>
<td>(295)</td>
</tr>
<tr>
<td>EOC</td>
<td>1,447</td>
<td>1,456</td>
<td>(9)</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>OTI</td>
<td>1,272</td>
<td>992</td>
<td>(266)</td>
<td>(14)</td>
<td>(280)</td>
</tr>
<tr>
<td>MS</td>
<td>800</td>
<td>816</td>
<td>43</td>
<td>(27)</td>
<td>16</td>
</tr>
<tr>
<td>DS</td>
<td>383</td>
<td>389</td>
<td>5</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Totals</td>
<td>46,219</td>
<td>44,078</td>
<td>(2,256)</td>
<td>115</td>
<td>(2,141)</td>
</tr>
</tbody>
</table>

In the discussion, President Jensen called attention to the fact that these operating budget adjustments were based on a headcount enrollment in contrast to the usual practice of allocating funds on a full-time-equivalent basis. He expressed the hope that if the budget adjustments were made on a headcount basis it would be stated that this was an exception in order to avoid setting a precedent under which it would be difficult to operate in the future.

The Chancellor confirmed the fact that it was not the usual policy to distribute money on a headcount basis, but the distribution of funds in this instance was proportionately small compared to the total cost and therefore, it did not seem desirable to wait until the discount rates could be calculated. Adjustments to the biennial budget for 1967-1969 are to be made on a full-time-equivalent basis after the discount rates have been determined, but it is not anticipated there will be any further adjustments to the 1966-67 annual operating budget.

The Board approved the recommendations as presented.
Budget Addition, School of Nursing, UOMS

On September 13, 1966, the Board authorized the Chancellor to request from the State Emergency Board a transfer of $21,154 from the 1965-1967 capital outlay appropriation to the 1965-1967 operating appropriation to finance salary adjustments, effective January 1, 1967, for teaching staff in the School of Nursing at the University of Oregon Medical School.

As explained to the Board at its September 13, 1966, meeting, the salary adjustments for the teaching staff in the School of Nursing are needed to retain present nursing staff and to recruit the added staff required for accreditation of graduate work in nursing. The need for salary improvement for the teaching staff in nursing education at this time is influenced by the pay increases recently approved by the State Civil Service Commission for hospital nurses.

Since the recommendation was made to the Board at its September 13, 1966, meeting for the above transfer, it has been determined that there have been sufficient balances brought forward from year 1965-66 in unrestricted funds to cover the cost of the salary adjustments referred to above.

Accordingly, the Chancellor now recommended that the amount needed for salary adjustments for the teaching staff in the School of Nursing be provided from the Board's Unappropriated Fund in the amount of $21,154.

The Board approved the recommendation as presented.

Budget Addition for Added Teaching Staff in Medical Technology, UOMS

Early in August 1966, Dean Baird recommended to the Chancellor a budget addition from the Board's Unappropriated Fund to provide two additional staff members in medical technology instruction to be employed effective October 1, 1966, to care for an increase in the number of students who had applied and been admitted at that time to the medical technology program. It was estimated that the number of students during the fall term of the current year would increase from 32 to 46.

When enrollments were completed in October 1966, it was found that the number of students enrolled in this program was 33 instead of the 46 estimated. In the meantime, the Medical School had employed the staff members at salaries of $8,500 each for 12-months' service, effective October 1, 1966. Dean Baird reports that the two staff members have been assigned full-time teaching duties in medical technology and are needed to provide the courses required.

Accordingly, Dean Baird, with the concurrence of the Chancellor, recommended a budget addition of $12,750 to provide for the salaries of the two teaching staff-$10,269 from the Board's Unappropriated Fund and $2,481 from estimated increases in student fee income, resulting from an increase in total enrollments at the Medical School. It is understood, after discussion of this budget addition with the Dean, that if budget savings occur during the year because of staff turnover or other reasons, the savings will be applied to reduce the amount of the budget addition required.

The Board approved the recommendation as presented.
Meeting #351-33

Budget Addition, Comptroller's Office, CA

The Chancellor recommended a budget addition from the Board's Unappropriated Fund to the Comptroller's Office in the amount of $9,665 to finance an additional classified position of Automatic Data Processing manager at a salary rate of $12,440 per year, effective October 23, 1966, plus other expenses during the current fiscal year. This position is urgently needed because of substantial increases in the workload of the Comptroller's Office in connection with accounting and reimbursements and the handling of this added work through the use of computer equipment in the Comptroller's Office. In order to continue this position through the two years of the next biennium, the Chancellor recommended also that the biennial budget request for the Comptroller's Office during 1967-1969 be increased by $25,400 above the budget previously forwarded to the State Department of Finance and Administration.

The Board approved the recommendations as presented.

Increase in 1966-67 Budget for Board's Office of Institutional Research, CA

The Chancellor recommended that an amount of $10,360 be provided from the Board's Unappropriated Fund to increase the expenditure budget for the Board's Office of Institutional Research for year 1966-67. The additional amount is required for Key Punch Operator wages, increased use of computer services and other related costs of improved management information. Continuation of this service during the next two fiscal years has been requested in the 1967-1969 biennial budget.

The Board approved the recommendations as presented.

Budget Addition To Finance Cost of Review of Accreditation, SOC

President Stevenson, with the concurrence of the Chancellor, recommended a nonrecurring budget addition not to exceed $6,250 from the Board's Unappropriated Fund for the cost of a review of the accreditation of Southern Oregon College by the National Council for Accreditation of Teacher Education and the Northwest Association of Secondary and Higher Schools.

The Board approved the recommendation as presented.

Budget Addition to Finance Revised Contract with Ashland School District for Supervised Teaching, SOC

President Stevenson reports that in order to care for increased numbers of students in the supervised teacher program (for senior students), it has been necessary to revise the contract with Ashland School District No. 5 to increase the number of staff in the supervised teaching program from 12 to 16, with the School District paying 52.5 percent of the annual salaries.

President Stevenson, with the concurrence of the Chancellor, recommended a budget addition of $8,163 from the Board's Unappropriated Fund during year 1966-67 to finance the added cost of the services to be paid by Southern Oregon College. The amount of this additional cost to be financed during years 1967-68 and 1968-69 has been requested in the 1967-1969 biennial budget.

The Board approved the recommendation as presented.
Budget Addition for Physical Plant Operation and Maintenance of Physical Education Building, SOC

The Physical Education Building at Southern Oregon College, for which capital construction funds were appropriated by the 1965 Legislature, was completed during the summer of 1966 and placed in operation at the opening of the fall term, 1966. President Stevenson, with the concurrence of the Chancellor, recommended a budget addition from the Board's Unappropriated Fund of $42,978 to provide physical plant operation and maintenance of the building during the remainder of fiscal year 1966-67. An amount of $53,947 per year has been requested in the 1967-1969 biennial budget for operation of the building during years 1967-68 and 1968-69.

The Board approved the recommendation as presented.

Budget Addition To Match HEW Grant for Teaching Equipment, OCE

President Rice, with the concurrence of the Chancellor, recommended a non-recurring budget addition at Oregon College of Education from the Board's Unappropriated Fund of $6,194 to match a grant of equal amount received from the federal Department of Health, Education and Welfare for the purchase of teaching equipment.

The Board approved the recommendation as presented.

Legal Services, FCC Application for Channel 8 in Medford to the State Board of Higher Education for educational use through the Division of Continuing Education. The services of Attorneys Black, Kendall, Tremaine, Boothe and Higgins have been obtained.

Funds in the amount of $9,876 reserved in the 1965-66 fiscal year budget for the Division of Continuing Education were reverted to the Board's funds on June 30, 1966, to enable the Board's offices to assume financial responsibility for the litigation during year 1966-67.

It was recommended that the amount of $9,876 be transferred to an account in Centralized Activities to be disbursed as legal services are rendered under the direction of the Vice Chancellor for Business Affairs.

The Board approved the recommendation as presented.

Autzen Stadium Construction - Financial Program and Acceptance of Final Plans, UO

At the June 14-15, 1966, meeting, approval was given to the preliminary plans for the Autzen Stadium at the University of Oregon. On July 1, 1966, the State Emergency Board approved an expenditure limitation for the project of $2,332,500. The Chancellor's Office has awarded a construction contract for Phase I of the project for earthwork, for which the revised estimate of the total cost is $436,000. This office has approved final plans and specifications for Phase II of the project and is soliciting construction bids on November 10, 1966.
Also at the June 14-15, 1966, Board meeting, approval was given in principle to the tentative financial program presented for the construction of the stadium. At that time it was expected that the University of Oregon Development Fund was to provide $1,325,000 from payments of pledges and bank borrowings in connection therewith and other sources, and $1,007,500 was to be provided by the Board, primarily from Athletic Department moneys. A proposed contract between the Fund and the Board was to be formulated and provided to the Board for consideration and approval.

A revised budget has been prepared for the project including $436,000 for Phase I, now under construction and $1,813,526 for Phase II, for which construction bids are to be received on November 10, 1966. It is expected that when Phase II is completed, the stadium will be usable. The scope of work for Phase II will be essentially the same as reported to the Board at the June meeting.

The revised sources of funds available to the Board for the entire project are as follows:

1. University of Oregon Development Fund:

   Interest bearing certificates of deposit, face value, already provided for Phase I $296,545

   Cash or certificates of deposit to be provided in advance of awarding construction contract for Phase II 933,046

   Anticipated donations in kind for Phase II:

   Portion of value of glu-lam beams and flagpoles $34,300

   Electrical Work 4,100 38,400 $1,267,931

2. Board, Athletic Department Balances (Consists of Athletic Department balances of $920,000, interest thereon $14,542, and expenditures in 1965-66 of $2,126.) 936,668
3. Interest during construction period on moneys provided by the Fund and the Board:

Estimated to be earned to 11/1/66 $ 6,200
During period 11/1/66 to 10/1/67 38,667 $ 44,867
Total Revised Estimated Cost of Project $2,249,526

Each Board member has been provided with a copy of the proposed Gift Agreement expected to be entered into between the University of Oregon Development Fund and the Board of Higher Education on or about November 1, 1966.

As noted in the Agreement, the Fund has an arrangement with an Oregon bank for a 100 percent loan on the $250,000 Autzen Foundation pledge (in addition $20,000 has been paid), to be repaid over a ten-year period, with interest; and five Oregon banks are to provide 90 percent for the other pledges which are current at the time that the loans are made to the Fund, with full repayment to be made no later than December 31, 1969. Loan moneys received by the Fund will be paid to the Board to apply on the stadium construction financing, except for a minor amount which may be required to retire the bank loans and pay interest thereon, recognizing that the pledges are noninterest bearing.

President Flemming advises that the Gift Agreement between the Board and the Fund, a copy of which is attached hereto, is acceptable to the University of Oregon and the Development Fund. President Flemming therefore recommended with the concurrence of the Chancellor, that the financial program as outlined above be approved and that appropriate officials of the Board be authorized to execute a Gift Agreement, in substantially the form provided herewith, to receive construction bids for Phase II of the stadium construction project, and to make a contract award pursuant to the revised budget. It was further recommended that the Chancellor be authorized to increase the construction budget from $2,249,526 to $2,332,500, the Emergency Board limitation, provided added moneys are made available by the Fund or from Athletic Department balances or interest during the construction period. The gift agreement follows:
GIFT AGREEMENT FOR AUTZEN STADIUM

THIS AGREEMENT entered into this [date], 1966, between the STATE OF OREGON, acting by and through the STATE BOARD OF HIGHER EDUCATION, on behalf of the University of Oregon, hereinafter referred to as the Board, and the UNIVERSITY OF OREGON DEVELOPMENT FUND, a nonprofit corporation, hereinafter referred to as the Fund.

WITNESSETH:

WHEREAS, the Board is the owner in fee simple of a certain tract of land known as the Patterson tract on the north bank of the Willamette River, Eugene, Oregon, containing approximately 89 acres; and

WHEREAS, through the cooperation of many donors, the Fund and the Board are desirous of constructing a football stadium on the above-mentioned site, thereby serving the public purpose of making available to the people of the State of Oregon a first-class athletic facility; and

WHEREAS, the Fund undertook an intensive campaign to secure pledges to provide moneys to finance approximately 60 percent of the cost of a football stadium and was successful in procuring pledges amounting to approximately $1,400,000; and

WHEREAS, the noninterest bearing pledges of the Fund included one for $270,000 payable during a ten-year period and others approximating $1,130,000 payable during a four-year period ending December 31, 1969; and

WHEREAS, the Fund has a loan commitment from an Oregon bank for 100 percent of the remaining $250,000 balance on the $270,000 pledge referred to above, with repayment to be made on or before June 8, 1976, with interest; and the Fund will pay the Board for the stadium construction from loan moneys thus provided, after reserving a minor portion to assist in meeting its interest expense to banks; and

WHEREAS, the Fund has a loan commitment from five banks for 90 percent of other unpaid current pledges, both existing and future, requiring repayment no later than December 31, 1969, with interest; and loan moneys thus provided shall be paid to the Board for stadium construction after reserving a minor amount to assist in meeting its interest payments to the banks; and

WHEREAS, Athletic Department moneys of the Board shall also be applied to finance the construction; and

WHEREAS, the Board at its June 14-15, 1966 meeting approved a financial program, in principle, for the stadium with the project cost to be no more than $2,332,500; and
WHEREAS, the Fund has endorsed and transferred to the Board interest-bearing certificates of deposit of Oregon banks, with the latest maturity date of November 1, 1966, for a deposit total of $296,545.68; and

WHEREAS, the Board has contracted for the initial minor construction, known as Phase I, for earthwork, berm, and other related work for which the present estimated total cost is $436,000; and

WHEREAS, it is expected that bids for Phase II of the project, the total estimated cost of which is $1,813,526, are to be received on November 10, 1966, and a contract promptly awarded; and

WHEREAS, at the time that said contract for Phase II is to be awarded, the Board is to have on hand sufficient resources to meet the revised budget total of $2,249,526; and said resources may consist of cash balances on deposit with the State Treasurer, certificates of deposit of Oregon banks payable to the Board, short term United States Government securities, and pledges in kind for materials and services; and

WHEREAS, the Fund and the Board desire to enter into a legally binding agreement outlining their responsibilities and to proceed with the construction and completion of the stadium as soon as possible:

NOW, THEREFORE, the Fund and the Board agree as follows:

1. The Board, through the Chancellor's office, shall reaffirm or prepare a revised budget for the project when a construction contract for Phase II is awarded.

2. The Board shall provide $936,668 solely from Athletic Department funds.

3. The Fund shall provide $1,267,991 to the Board not later than at the time of award of Phase II construction contract, the necessary cash, certificates of deposit of Oregon banks acceptable to the Board, short term United States Government securities, and evidence of pledges approximating $38,400 in kind for materials and services. Appropriate credit shall be given for the certificates of deposit already provided to the Board in the principal amount of $296,545.68 and for interest thereon.

4. The Board shall invest moneys provided by it and the Fund in United States Government securities, for as long as possible, in order to permit a maximum of interest earning, to be applied to finance the project.

5. The project budget shall be $2,249,526 and the sources of funds shall be as follows:
A. University of Oregon Development Fund, including $38,400 donations in kind $1,267,991

B. Board, from Athletic Department Funds, including $14,542 interest 936,668

C. Interest earnings to date on Fund moneys of $6,200; and estimated interest on consolidated moneys during Phase II of $38,667 44,867

**TOTAL** 2,249,526

6. The project budget shall be increased in the event that additional moneys are provided by the Fund or additional interest earnings are realized, and may be increased if the Board provides additional Athletic Department funds. The total budget, though, is not to be in excess of $2,332,500, unless the agreement is modified.

IN WITNESS WHEREOF, the parties have set their hands and seals.

UNIVERSITY OF OREGON DEVELOPMENT FUND

By
President

By
Secretary

Date

(Seal)

STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF OREGON

By
H. A. Bork, Vice Chancellor
for Business Affairs

By
R. L. Collins, Secretary

Date

(Seal)

Mr. Layman suggested that the agreement be modified to indicate clearly that the stadium is being constructed by the Board and the stadium would be under the ownership of the Board. Although the financial assistance provided by the Development Fund for the project was recognized, Mr. Layman said the present wording of the agreement could imply joint ownership and that a change in portions of the agreement might avoid any future question of ownership.

The Board approved the recommendations as presented with the understanding that modifications would be made to the gift agreement to clarify Board ownership of the stadium.
Confirmation of Institutional Degree Lists By Board Members

In accordance with Board regulations, the following members represented the Board at the 1966 Summer Commencement exercises of the indicated institutions and acted for the Board in approving candidates for degrees and diplomas:

- University of Oregon - Mr. Chas R. Holloway, Jr.
- Eastern Oregon College - Mrs. Elizabeth H. Johnson

The signed copies of the lists of approved candidates are on file in the Board's Office.

The Board confirmed the action of these Board members in approving the institutional degree lists.

Report of Meeting of Academic Affairs Committee

Mrs. Johnson stated that a meeting of the Board's Committee on Academic Affairs, Personnel, and Public Affairs had been held in the Division of Continuing Education Building in Portland on October 11, 1966.

She reported that the Committee at its meeting had considered the request of Oregon Technical Institute for authorization to offer Bachelor of Technology degree programs in the engineering technologies and prepared a recommendation for consideration by the Board. She then called on Vice Chancellor Miles C. Romney to present the Committee's recommendation to the Board. The following curricular documents which formed the basis for the Committee's and the Board's considerations are considered an integral part of these minutes; the reports are bound in a separate volume to accompany these minutes and are dated October 24-25, 1966:

1. Report of the Meeting of the Board's Committee on Academic Affairs Held at DCE Building in Portland, October 11, 1966;

2. The OTI Request for Authorization to Offer Bachelor of Technology Degree Programs in the Engineering Technologies.

Request for Authorization To Offer Bachelor of Technology Degree Programs in Engineering Technologies, OTI

At its meeting on October 11, 1966, the Committee considered the request of Oregon Technical Institute for authorization to offer Bachelor of Technology degree programs in the engineering technologies (civil, electrical and mechanical).

Dr. Romney stated that in January 1966 the Board, acting upon the Committee's recommendations, had taken the following action which pertained to the request before the Board:

1. The Board stated that it intended that Oregon Technical Institute should develop a limited number of high-quality, four-year baccalaureate degree programs, leading to the Bachelor of Technology degree, for technically-oriented youth in selected technical areas.
2. The Board deferred action on a request from Oregon Technical Institute for authorization to offer, effective in 1966-67, Bachelor of Technology degree programs in civil, electrical, and mechanical engineering technologies.

Dr. Romney said that deferral of action on the request for 1966-67 had been recommended because of the Committee's feeling that Oregon Technical Institute needed time to strengthen its staff before offering these programs. Since the January 1966 meeting of the Board, Oregon Technical Institute has added 14 staff members to its staff, specifically with a view to qualifying for authorization to offer these baccalaureate degree programs.

Dr. Romney stated that the Bachelor of Technology degree programs in the three engineering technologies would be based upon the Associate Degree programs which have been in existence at Oregon Technical Institute for a number of years and which have been accredited by the Engineer's Council for Professional Development. Admission to the Bachelor of Technology degree programs would be based upon a demonstrated competency in technology as evidenced by the ability of the individual to complete with some reasonable distinction the Associate Degree program or its equivalent. No freshmen would be admitted to Oregon Technical Institute with the specific stipulation that the admission was to the Bachelor of Technology degree program, but they would be admitted to the Associate Degree program and in completing that program would demonstrate the capacity to complete the additional work for the bachelor's degree program. It was indicated that President Purvine estimated that approximately 75 people would be enrolled in the upper-division years of the proposed programs if they were approved by the Board.

Dr. Romney said that the Committee had explored in detail the relationships between the proposed programs and the other technical programs in the state. It was expected that the community colleges would offer to the people in their districts an opportunity for occupational training, and in the larger metropolitan areas the community colleges would probably offer Associate Degree programs in Technology. He said the Committee had considered the proposed program at Oregon Technical Institute as it related to the Bachelor of Science degree program in Technology at Oregon State University and concluded that the needs met by each were significantly different. It was the opinion of the Committee that the addition of these programs would provide the state with technology programs which would not be unduly overlapping but would meet the needs of varying groups of students within the total state picture. Ultimately there would be two-year Associate Degree programs in the engineering technologies at Oregon Technical Institute and at some of the community colleges, and four-year programs in technology would be offered at Oregon Technical Institute and Oregon State University that would have different requirements as to the qualifications of students and would meet different occupational needs.
Dr. Romney said that the committee had requested the development of a policy statement which would present the transfer possibilities between the various technology programs at the community colleges, Oregon State University, and Oregon Technical Institute. Approval of such a policy statement will give two clear expressions covering transfer possibilities: one, between the community colleges and the four-year institutions in the liberal arts area, and the second between the community colleges, Oregon State University, and Oregon Technical Institute in the field of technical education.

Dr. Romney stated that it was the recommendation of the Committee on Academic Affairs that the Board approve the request of Oregon Technical Institute for authorization to offer Bachelor of Technology programs in the engineering technologies (civil, electrical, and mechanical) with the understanding that the titles given these three programs would be consistent with the terminology of the Engineers' Council for Professional Development, the accrediting agency for such programs.

Mrs. Johnson said that the Board's Committee had discussed the differences between the Bachelor of Technology Degrees and the Bachelor of Science in Technology offered by Oregon State University and that in recommending approval of the proposed programs at Oregon Technical Institute, the Committee recognized the distinction between the degrees offered by the two institutions.

The Board approved the recommendation as presented.

President Holloway announced that the next regular meeting of the Board would be held on December 12 and 13, 1966, at Portland State College, Portland, Oregon.

The report of enrollments for the fall term 1966 was distributed. The Chancellor said that there was a 4.2 percent increase in total enrollments for the State System, representing an increase of 1.3 percent for men and 8.9 percent for women. This would indicate that the trend toward a higher percentage of women attending institutions of higher education is continuing. He also mentioned that the principal factor in terms of the smaller-than-anticipated enrollment was the decrease below the 1965-66 enrollment of 8.6 percent in the enrollments at the freshman level.

The Chancellor noted that the transfers from the community colleges had increased from 274 in 1965 to 405 in 1966 and that the percentage of nonresidents was slightly greater than a year ago. The report also showed that the enrollments at the community colleges in the college transfer programs had increased nearly 50 percent over last fall and this increase was particularly noticeable at Lane Community College and Portland Community College.
The Chancellor concluded by saying the enrollments in the three groups of Oregon institutions—the State System, the private colleges, and the community colleges showing only the lower-division college transfer enrollments—had increased by 7.1 percent, which was very close to the total percentage increase originally predicted for the State System for the 1966 fall term.

Board members were provided with a report on student housing. The Chancellor indicated that during the 1966-67 fall term the percentage occupancy of dormitories for the State System was 98.7. Eastern Oregon College and Southern Oregon College have occupancy levels below the potential, but at Southern Oregon College 59 of the spaces in the rated capacity are in temporary dormitories and if these 59 spaces were eliminated, Southern Oregon College would be very close to full occupancy.

The Chancellor invited Dr. J. W. Sherburne, Vice Chancellor for Continuing Education, to present a report on the Inter-Agency Committee on Aging.

Dr. Sherburne indicated that the first state-wide committee on problems of the aging had been appointed in the early 1950's during Governor Patterson's term of office. Subsequently, each Governor appointed a similar committee until 1957 when the Council on Aging was established. In 1965 the Legislature did not provide funds for the continuation of the Council on Aging and it was abolished. On January 12, 1966, Governor Hatfield formed the Inter-Agency Committee on Aging, stating that his purpose was to hold the gains made since 1957 in providing study of problems of the aging and also to be prepared to present a program to the 1967 Legislative Assembly so that the work in this field could then go forward. The Inter-Agency Committee is an advisory group to the Governor and not an administrative committee.

The latter committee considered recommending to the Governor a course that would place the work of the former Council on Aging under a state department but decided that a state department would not have a budget to defray the expenses of the organization. The committee then proceeded to prepare a State Plan to submit under Title III of the Older Americans Act (P.L. 89-73) of July 14, 1965, and Mr. Marshall Hjelte of the Regional Association of Retarded Persons volunteered to explore the possibility of securing private donations so that the Inter-Agency Committee would have some funds at its disposal, primarily for matching funds. Approximately $500 has been contributed to date toward matching funds.

Dr. Sherburne mentioned that the objectives of the Older Americans Act were as follows:

1. An adequate income in retirement in accordance with the American standard of living.

2. The best possible physical and mental health which science can make available and without regard to economic status.
3. Suitable housing, independently selected, designed and located with reference to special needs and available at costs which older citizens can afford.

4. Full restorative services for those who require institutional care.

5. Opportunity for employment with no discriminatory personnel practices because of age.

6. Retirement in health, honor, dignity--after years of contribution to the economy.

7. Pursuit of meaningful activity within the widest range of civic, cultural, and recreational opportunities.

8. Efficient community services which provide social assistance in a coordinated manner and which are readily available when needed.

9. Immediate benefit from proven research knowledge which can sustain and improve health and happiness.

10. Freedom, independence, and the free exercise of individual initiative in planning and managing their own lives.

The main provisions of Title II--Grants for Community Planning, Services, and Training include community planning and coordination of programs, demonstration of programs or activities, training of special personnel, and the establishment of new or expansion of existing programs to carry out the purposes of the act.

The Department of Health, Education and Welfare allocated to the State of Oregon under the Older Americans Act $74,500 during 1965-66 plus $15,000 for administration, and $91,200 plus a similar amount for administration during 1966-67. These funds must be matched by 75 percent of the cost of a project for the first year, 60 percent of the cost of a project during the second year, and 50 percent of the cost of a project in the third year.

Dr. Sherburne said that a State Plan was approved by the Inter-Agency Committee on August 10, 1966, and forwarded to the Department of Health, Education and Welfare. Under the State Plan for the Aging, the Oregon State Board of Higher Education has been designated as the state agency with the Division of Continuing Education designated to perform the administrative functions. Approval has not been received for taking any action under the state plan. The Inter-Agency Committee on Aging will advise both the Governor and the State System of Higher Education on all matters pertaining to the program.
The Board approved a motion by Mr. Layman that the Board accept, pending legislative determination, responsibility for the program to be developed by the Inter-Agency Committee on Aging in the State of Oregon as expressed in the State Plan submitted under Title III of the federal Older Americans Act (P.L. 89-73).

The Chancellor reported that during the first year of the biennium $100,000 had been awarded under the Mosser Plan for teaching awards. An additional $100,000 was reserved for use during 1966-67, the second year of the biennium. He indicated that Oregon State University has decided not to participate in the second year of the teaching awards program which, under present policy, has the effect of making an additional $47,000 available to those institutions continuing to participate. It is also possible that some of the institutions which have not yet taken a position on the use of these funds may decide not to participate. The Chancellor indicated that it was his personal conviction that one of the reasons the plan was less acceptable than it might otherwise have been was that there were so many awards that in a substantial degree the losers rather than the winners were identified.

The Chancellor recommended that any funds released by institutional decisions not to participate in the teaching awards program during this year of the biennium not be distributed to the remaining institutions but be utilized in the Board's regular budget and that an equivalent reduction be made in the reservation of funds made for the Board by the Emergency Board a year ago.

The Board adopted a motion by Mrs. Johnson that the recommendation of the Chancellor be approved.

In making the motion, Mrs. Johnson said that the Board should go on record through the Emergency Board as being acutely aware of the need for improvement of college teaching, particularly with undergraduate students. Mrs. Johnson stated that more effective teaching methods is a continuing concern among the State System institutions and some institutions have projects under way in which they are attempting to develop ways to improve the quality of undergraduate teaching. More extensive programs are being established to counsel undergraduate students in the courses that more nearly suit their talents. She said that the release of Mosser Plan funds does not in any way imply any lessening of interest or demand or urgent need to be aware of the problems that continue to circulate around the subject of undergraduate teaching.

Mr. Joss also said that the motion should be understood as not expressing any opinion of the Board as to the Mosser Plan.

The Chancellor reported that the last increase in tuition occurred in the fall of 1963 at which time about 26 percent of the expenditures per student for instructional purposes was met from the tuition income. This figure has dropped to 24 percent for 1965-66, and it is probable that there will be a further reduction in the operating costs met from student tuition when the figures for 1966-67
are available. The Chancellor said that the post-high-school study had recommended that the student share of tuition not exceed 33 1/3 percent. He announced that a meeting of the Finance Committee would be scheduled during the week of November 14-18 to review the total problem of charges to students as requested by the Board at its July 1966 meeting. He also called attention to background materials which had been distributed showing comparisons of expenditures for students at State System institutions with other similar institutions in the west and another table of statistics showing the results of recent tuition changes. Oregon now ranks at about the midpoint in these comparisons.

Appointments of Deans, OSU

The Chancellor reported that Dr. Carl H. Stoltenberg had been appointed as Dean of the School of Forestry at Oregon State University. He also reported the promotion of Dr. David B. Nicodemus from Acting Dean of the School of Science to Dean of Faculty. Budgetary details of these appointments will be included in the personnel adjustments of the Board docket at a later meeting.
Personnel Adjustments & Appointments

It was 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 September 16, 1966. The Board approved the recommendation as presented.

<table>
<thead>
<tr>
<th>Budgeted Name, Rank and/or Title, Department</th>
<th>Mo. of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source of Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State University:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. John D. Lattin, Assoc. Professor of Entomology</td>
<td>12</td>
<td>$12,000</td>
<td>$12,960</td>
<td>Budget (Designation as Director of Honors Program, effective August 1, 1966)</td>
</tr>
<tr>
<td>Dr. Malcolm Daniels, Assoc, Professor of Chemistry</td>
<td>9</td>
<td>$10,200</td>
<td>$10,700</td>
<td>Grant (In recognition of outstanding service)</td>
</tr>
<tr>
<td>Dr. John Kaufmes, Research Associate and Asst. Prof. Dept. of Animal Science</td>
<td>9</td>
<td>$6,000</td>
<td>$7,500</td>
<td>Budget (Increase in load and in service from 600-hour basis, to .90 time)</td>
</tr>
<tr>
<td>Mr. Edison E. Easton, Professor of Business Administration</td>
<td>9</td>
<td>$13,200</td>
<td>$14,200</td>
<td>Budget (Designation as Acting Dean, School of Business and Technology, until spring of 1967)</td>
</tr>
<tr>
<td>Mr. Gene Tanselli, Asst. Prof., Physical Education</td>
<td>9</td>
<td>$9,175</td>
<td>$9,350</td>
<td>Budget &amp; Athletic Activities (Increased duties and responsibilities)</td>
</tr>
<tr>
<td>Mr. Frank von Borstel, County Extension Agent, Douglas County</td>
<td>12</td>
<td>$10,236</td>
<td>$11,016</td>
<td>Budget (Effective October 1, 1966, in recognition of added program responsibilities as Marion County Extension Agent.)</td>
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<tr>
<td>Dr. Herbert Frolander, Professor of Oceanography</td>
<td>12</td>
<td>$13,600</td>
<td>$15,050</td>
<td>Budget (Designation as Assistant Graduate Dean)</td>
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<tr>
<td>Dr. W. F Unsoeld, Assoc. Professor in Philosophy and Religion</td>
<td>9</td>
<td>$9,200</td>
<td>$9,600</td>
<td>Budget (To bring salary into line with other faculty members with similar responsibilities)</td>
</tr>
<tr>
<td>Position</td>
<td>Present Salary</td>
<td>Recommended Salary</td>
<td>Source</td>
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<tr>
<td>Dr. Thomas C. Hogg, Asst. Professor, Agricultural Experiment Station</td>
<td>$9,450</td>
<td>$10,230</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>University of Oregon:</td>
<td></td>
<td></td>
<td>(Effective July 1, 1966, in recognition of outstanding work and increased responsibility in Experienced Teacher Fellowship Program)</td>
<td></td>
</tr>
<tr>
<td>Mr. Chester S. Bumbarger, Instructor in Education</td>
<td>$8,950</td>
<td>$10,950</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Dr. Horace Robinson, Professor of Speech</td>
<td></td>
<td></td>
<td>(Designation as Acting Director of Educational Research Bureau with rank of Asst. Prof. of Education; completed requirements for doctor's degree)</td>
<td></td>
</tr>
<tr>
<td>Dr. Lewis E. Ward, Jr., Professor of Mathematics</td>
<td>$16,200</td>
<td>$16,700</td>
<td>Budget</td>
<td></td>
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<tr>
<td>Mr. Michael Armer, Assistant Professor of Sociology</td>
<td>$9,000</td>
<td>$9,975</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Dr. Sanford S. Tepfer, Assoc. Professor of Biology, Head Academic Adviser in Biology</td>
<td>$11,600</td>
<td>$12,600</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Dr. H. Charles Pyron, Lecturer in Management, Res. Coordinator of Federal Government Relations with rank of Associate Professor</td>
<td>$9,600</td>
<td>$10,400</td>
<td>Grant &amp; Grant</td>
<td></td>
</tr>
<tr>
<td>University of Oregon Dental School:</td>
<td></td>
<td></td>
<td>(Change in Title to Associate Professor of Management; .92 FTE Business Administration and .08 Tongue Point)</td>
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<tr>
<td>Dr. Leo J. Friermuth, Clinical Associate, Oral Pathology</td>
<td>$11,950</td>
<td>$12,500</td>
<td>Grant</td>
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<tr>
<td>Dr. Milton H. Johnson, Clinical Associate, Oral Pathology Department</td>
<td>$10,750</td>
<td>$11,500</td>
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<tr>
<td>Dr. Fred M. Sorenson, Jr., Assoc. Professor</td>
<td>$13,150</td>
<td>$14,500</td>
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<tr>
<td>Dr. William E. Tracy, Asst. Professor</td>
<td>$11,750</td>
<td>$12,338</td>
<td>Grant</td>
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</table>

(In recognition of outstanding work: effective July 1, 1966)
<table>
<thead>
<tr>
<th>Budgeted Name, Rank and/or Title, Department</th>
<th>Mo. of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source of Funds</th>
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<tbody>
<tr>
<td>Dr. Leif Terdal, Assistant Professor</td>
<td>12</td>
<td>$9,400</td>
<td>$11,800</td>
<td>Budget &amp; Grant</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Increased responsibilities in dental psychology courses and counseling of all students, including Crippled Children's Division, Medical School, effective September 1, 1966.)</td>
</tr>
<tr>
<td>University of Oregon Medical School:</td>
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<tr>
<td>Dr. John Van Bruggen, Professor of Biochemistry</td>
<td>12</td>
<td>$15,500</td>
<td>$17,900</td>
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<td></td>
<td></td>
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<td></td>
<td>(Grant provides; effective September 1, 1966)</td>
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<tr>
<td>Dr. Vincent Hinck, Associate Professor of Radiology</td>
<td>12</td>
<td>$17,500</td>
<td>$18,000</td>
<td>Budget</td>
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<td></td>
<td></td>
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<td></td>
<td>(To correct error in original budget; effective July 1, 1966)</td>
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<tr>
<td>Dr. Doris P. Bradley, Asst. Professor of Speech Pathology</td>
<td>12</td>
<td>$12,735</td>
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<td></td>
<td>(To bring salary into line with other faculty members with similar responsibilities, effective September 1, 1966)</td>
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<tr>
<td>Dr. C. Donald Nelson, Asst. Professor of Speech Pathology</td>
<td>12</td>
<td>$10,000</td>
<td>$10,550</td>
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<td></td>
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<td>(Grant provision, effective September 1, 1966)</td>
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<tr>
<td>Dr. Jack H. Fellman, Associate Professor of Biochemistry and Neurology</td>
<td>12</td>
<td>$15,000</td>
<td>$16,000</td>
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<td>(Grant provision, retroactive to April 1, 1966)</td>
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<tr>
<td>Dr. Robert Campbell, Assistant Professor of Pediatrics</td>
<td>12</td>
<td>$22,000</td>
<td>$22,500</td>
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<td>(Grant provision, retroactive to July 1, 1966)</td>
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<td>Dr. Robert Taubman, Assistant Clinical Professor of Psychiatry</td>
<td>12</td>
<td>$13,860</td>
<td>$16,967</td>
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<td></td>
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<td>(Grant provision, effective October 1, 1966)</td>
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<tr>
<td>Dr. John L. Butler, Associate Clinical Professor of Psychiatry</td>
<td>12</td>
<td>$16,000</td>
<td>$17,000</td>
<td>Grant</td>
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<tr>
<td></td>
<td></td>
<td></td>
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<td>(Grant provision, effective September 1, 1966; 30% FTE)</td>
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<tr>
<td>Miss Dorothy Mae Elhart, Assistant Professor of Nursing</td>
<td>9</td>
<td>$7,600</td>
<td>$7,900</td>
<td>Budget</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>(Increased responsibility, effective September 13, 1966)</td>
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<tr>
<td>Miss Beulah Evelyn Schindler, Asst. Professor of Nursing</td>
<td>9 to 12</td>
<td>$7,875</td>
<td>$11,070</td>
<td>Budget</td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td>(Increased responsibilities, effective September 1, 1966)</td>
</tr>
<tr>
<td>Name</td>
<td>Rank and Title, Department</td>
<td>Mo. of Service</td>
<td>Present Salary Rate</td>
<td>Recommended Salary Rate</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>----------------------------------------------------------------</td>
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</tr>
<tr>
<td>Mr. James L. Hansen, Lecturer in Art</td>
<td>Portland State College</td>
<td>9</td>
<td>$7,500</td>
<td>$8,200</td>
</tr>
<tr>
<td>Mr. Alfred Glauser, Assistant Professor of Education (Portland Public School District, 50 percent time)</td>
<td>9</td>
<td>$9,050</td>
<td>$9,608</td>
<td>Grant (Increase from 50 percent to full time; salary increase to provide same salary had 50 percent of his time remained with the Portland Schools)</td>
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<tr>
<td>Mrs. Shirley Kennedy, Assistant Professor of Anthropology</td>
<td>9</td>
<td>$7,550</td>
<td>$8,200</td>
<td>Budget (Salary change not recommended originally because she had planned to resign to do graduate work)</td>
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<tr>
<td>Miss Margaret Clarke, Assistant Professor of English</td>
<td>9</td>
<td>$7,875</td>
<td>$8,525</td>
<td>Budget (Designation as Assistant Dean of Division of Arts and Letters; redistribution of time and salary from full time in the Department of English to 50 percent time each in English and the Department of Arts and Letters.)</td>
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<tr>
<td>Miss Janet White, Assistant Professor of Social Work</td>
<td>9</td>
<td>$9,175</td>
<td>$9,500</td>
<td>Grant (Increase provided in grant)</td>
</tr>
<tr>
<td>*Mr. James H. Adamson, Assistant Professor of Education</td>
<td>9</td>
<td>$9,000</td>
<td>$11,010</td>
<td>Budget</td>
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<tr>
<td>*Mr. Edward F. Gottlieb, Asst. Professor of Education</td>
<td>9</td>
<td>$9,050</td>
<td>$9,275</td>
<td>Budget</td>
</tr>
<tr>
<td>*Miss Georgia M. Matthews, Assistant Professor of Education</td>
<td>9</td>
<td>$9,050</td>
<td>$9,275</td>
<td>Budget</td>
</tr>
<tr>
<td>*Mr. Omer K. McCaleb, Assistant Professor of Education</td>
<td>9</td>
<td>$9,300</td>
<td>$9,452</td>
<td>Budget</td>
</tr>
<tr>
<td><em>(Also 50 percent time Portland School District personnel at recommended salary rate; Portland School District personnel who are master teachers employed by Portland State College for 50 percent time as &quot;clinical professors&quot; in the teacher education program; salary increases required to match salary paid by School District.)</em></td>
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**Southern Oregon College**

<table>
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<tr>
<th>Name</th>
<th>Rank and Title, Department</th>
<th>Mo. of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source</th>
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<td>Mr. Fred Whited, Assistant Professor of Speech</td>
<td>9</td>
<td>$8,525</td>
<td>$8,850</td>
<td>Budget (To retain his services)</td>
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**Oregon Technical Institute:**

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<th>Rank and Title, Department</th>
<th>Mo. of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source</th>
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<td>Dr. Donald S. Bryant, Dean of Special Services with rank of Associate Professor</td>
<td>12</td>
<td>$14,040</td>
<td>$14,640</td>
<td>Oper. Res. (Completed requirements for doctor's degree)</td>
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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 & Fellowships Gifts totaling $66,328.99 from the following donors for scholarships and fellowships:

- Air Force Aid Society, Washington, D. C. $ 4,200.00
- Air Force Central Welfare Fund, Washington, D. C. 400.00
- Albany City Council Parent-Teacher Association, Albany 110.00
- Ailea High School 100.00
- American Legion Auxiliary, Department of Oregon, Dundee 250.00
- Benton County Medical Foundation, Corvallis 500.00
- Bobbie Brooks National Scholarship Foundation, New York City 342.00
- Boise Cascade Corporation Foundation, Salem 500.00
- Central Lane YM-YWCA, Eugene 300.00
- Champoeg Lodge No. 27, A.F. & A.M., Canby 100.00
- Chugcha Ladies Club, Chugicha, Alaska 300.00
- Creswell High School 110.00
- Crown Zellerbach Foundation, San Francisco, California 5,625.00
- Cummins Engine Foundation, Columbus, Indiana 600.00
- Dallas High School 330.00
- Education Funds, Inc., Providence, Rhode Island 1,055.00
- Ford Motor Company Fund, Dearborn, Michigan 360.00
- Funds for Education, Inc., Manchester, New Hampshire 1,150.00
- General Foods Fund, Inc., New York City 5,000.00
- Georgia-Pacific Foundation, Portland 2,000.00
- Grants Pass High School 1,000.00
- Gresham Union High School 100.00
- International Association of Machinists and Aerospace Workers, Washington, D. C. 335.00
- International Brotherhood of Electrical Workers, Washington, D. C. 2,500.00
- International Longshoremen's & Warehousemen's Union, Longview, Washington 250.00
- Job's Daughters, Gladstone 1,500.00
- Junction City Education Association 225.00
- Junior Achievement - Columbia Empire, Inc., Portland 500.00
- Junior Achievement of Eugene-Springfield 330.00
- Lew Williams Foundation, Eugene 500.00
- Marshfield Hi-Y Club, Coos Bay 100.00
- Matanuska Electric Association Inc., Palmer, Alaska 500.00
- National Restaurant Foundation, Chicago, Illinois 200.00
- Navy Relief Society Educational Fund, Washington, D. C. 1,540.00
Northwest Canners & Freezers Association, Portland $ 100.00
O.N.C. Scholarship Foundation, Palo Alto, California 1,000.00
Oregon City Senior High School 250.00
Oregon Fryer Commission, Salem 1,000.00
Oregon Home Economics Association, Portland 500.00
Oregon State University Book Store, Inc., Corvallis 990.00
Oregon State University Dads' Club, Corvallis 2,200.00
Oregon State University Foundation, Corvallis 7,811.00
Pacific Power & Light Company, Portland 300.00
Pacific Supply, Portland 1,050.00
Parkrose Senior High School, Portland 300.00
Phoenix High School 650.00
Mr. and Mrs. Ray H. Reeser, Eugene 200.00
Robert Johnson Trust Fund 919.99
Scappoose High School -199.00
The Sears Roebuck Foundation, Chicago, Illinois 3,900.00
Shell Companies Foundation, Inc., New York City 3,940.00
Sherman Education Association, Rufus 100.00
Sunset High School Dads' Club, Beaverton 300.00
U. S. Marine Corps Air Station, Iwakuni, Japan 500.00
U. S. National Bank of Oregon, Portland 660.00
U. S. Submarine Veterans of World War II, Los Angeles, California 350.00
West Union Community Club, Hillsboro 100.00
Western Golf Association, Golf, Illinois 2,846.00
Willamette Valley Lumber Company, Dallas 1,226.00
Woolley Logging Company, Drain 334.00
Wy'east High Boys' League, Hood River 186.00
Various donors through Medford Senior High School 1,505.00

American Wood Preservers Institute
Grant of $600 from the American Wood Preservers Institute, Washington, D. C., for "Research in Prevention of Sticker Stain on Fire Retardant Treated Wood," under the direction of Mr. Robert D. Graham, Associate Professor, Forest Research Laboratory.

Bohemia Lumber Co.
Grant of $1,025.55 from the Bohemia Lumber Company, Culp Creek, for a "Study of Forest Resources of Lane County," under the direction of Mr. C. F. Sutherland, Associate Professor, Forest Research Laboratory.

Bonneville Power Administration
Grant of $560.69 from the Bonneville Power Administration, for research entitled, "Improved Serviceability of Wood Products Used by the Bonneville Power Administration," under the direction of Mr. Robert D. Graham, Associate Professor, Forest Research Laboratory.

Bureau of Land Management
Grant of $1,562.39 from the Bureau of Land Management, for "Research Investigations on Artificial Reforestation and Rehabilitation of Forest Lands," under the direction of Dr. Michael Newton, Assistant Professor, Forest Research Laboratory.

Dreyfus Foundation, Inc.
Grant of $3,500 from The Camille and Henry Dreyfus Foundation, Inc., New York City, for research entitled, "Advancement of Science and Engineering for the Benefit of Mankind Throughout the World,"
Grants totaling $155,410 from the National Science Foundation, Washington, D. C., for research and other purposes, as follows:

1. $18,700 - "Electrical and Metallurgical Characteristics of Metal-Semiconductor Junctions," from September 1, 1966, to February 28, 1968, under the direction of Mr. James C. Looney, Assistant Professor of Electrical Engineering.

2. $41,200 - "Productivity of Vertically Migrating Marine Animals," from September 1, 1966, to August 31, 1968, under the direction of Dr. William G. Pearcy, Assistant Professor of Oceanography.

3. $13,700 - "Population Dynamics of Dendroctonus Psudotsugae and Its Natural Enemies," from September 1, 1966, to August 31, 1968, under the direction of Dr. William P. Nagel, Assistant Professor of Forest Entomology.

4. $41,464 - "To accommodate expenditures for participant and operational costs under a Graduate Traineeship Program," from September 1, 1966, to September 30, 1967, under the direction of Dr. Henry P. Hansen, Dean of the Graduate School.

5. $19,346 - "To accommodate expenditures in support of three graduate traineeships in Civil Engineering," from September 1, 1966, to September 30, 1967, under the direction of Dr. Henry P. Hansen.

6. $11,000 - "The Mechanism of Light Induced Reproduction in Fungi," from September 1, 1966, to August 31, 1967, under the direction of Dr. Charles M. Leach and Dr. Edward J. Trione, Assistant Professors of Plant Pathology.

7. $10,000 - "To carry operational and participant costs under an undergraduate research participation program," from June 8, 1966, to September 30, 1967, under the direction of Dr. Malcolm Corden, Associate Professor of Plant Pathology.

Grant of $5,760.03 from the Oregon State University Book Stores, Inc., Corvallis, to be used as matching funds for the United Student Aid Funds Program, under the direction of Mr. J. Frank Jonasson, Assistant Director of Financial Aids.

Grant of $800 from the Oregon State University Foundation, Corvallis, for travel expenses for a staff member in the School of Forestry.

Gift of $500 from Mr. Abraham A. Osipovich, Portland, to establish the A. A. Osipovich Loan Fund for students in engineering with preference to mechanical engineering, under the direction of Mr. J. Frank Jonasson, Assistant Director of Financial Aids.
beginning August 11, 1966, under the direction of Dr. Robert W. Newburgh, Assistant Director, Science Research Institute.

Center for Graduate Study
Grant of $1,170 from the Center for Graduate Study, Richland, Washington, to be used "To accommodate costs under a Supplies Grant in behalf of Tod Johnson," from July 1, 1966, to June 30, 1967, under the direction of Dr. Frank P. Conte, Associate Professor of Radiation Biology.

Collins Radio Company
"Educational grant for Engineering" in the amount of $2,000 from Collins Radio Company, Cedar Rapids, Iowa, for the 1966-67 academic year.

Field Emission Corporation
Grant of $2,980 from the Field Emission Corporation, McMinnville, for "A Fextron Model 803 X-ray inspection system unit to be used in development of the Radiation Biology Program."

Food & Drug Administration
Grant of $14,171 from the Food and Drug Administration, Washington, D.C., for research entitled, "Survey of Clostridium Botulinum Type E in Salt Water Fish and Fresh Water Fish; and the Incidence of Clostridium Botulinum Type E in Commercially Smoked Fish," from September 1, 1966, to August 31, 1967, under the direction of Dr. K. S. Filipcher, Professor of Microbiology.

McGuire Bequest
Bequest of $1,000 from the estate of Hugh B. McGuire, deceased, to be used to purchase books on horses to be added to the collection already established.

National Aeronautics & Space Administration
Grants totaling $236,214 from the National Aeronautics and Space Administration, Washington, D.C., for research and other purposes, as follows:

1. $49,014 - "Instrumental Activation Analysis of Rare Earths and Other Elements," from September 1, 1966, to August 31, 1967, under the direction of Dr. Roman A. Schmitt, Associate Professor of Chemistry.

2. $187,200 - "To accommodate expenditures for participant and operational costs in conducting a Program of Training for 10 Predoctoral Graduate Students in Space-Related Sciences and Technology," from September 1, 1966, to August 31, 1969, under the direction of Dr. H. P. Hansen, Dean of the Graduate School.

National Defense Education Act
Grant of $138,050 from the National Defense Education Act, Washington, D.C., to "Accommodate expenditures for stipends, dependency allowances, and tuition and fees under an NDEA Title IV Fellowship Program," from July 1, 1966, to June 30, 1967, under the direction of Dr. Henry P. Hansen, Dean of the Graduate School.
Rockefeller Foundation  
Grant of $5,500 from the Rockefeller Foundation, New York City, for the unrestricted use of Oregon State University.

S&H Foundation, Inc.  
Grant of $500 from the S. & H Foundation, Inc., New York City, for the unrestricted use of Oregon State University.

Standard Oil Company  
Grant of $20,000 from the Standard Oil Company, La Habra, California, for research entitled, "Marine Environment of the Oregon Coastal Waters," from August 22, 1966, to August 21, 1968, under the direction of Dr. Wayne V. Burt, Head of Oceanography.

U. S. Dept. of Agriculture  
Grants totaling $18,080 from the U. S. Department of Agriculture for research and other purposes as follows:

1. $3,500 - "An Economic Projection of the Geographic Distribution of 1975 Plywood Production in the United States," from July 1, 1966, to June 30, 1967, under the direction of Mr. C. W. Dane, Professor of Business Administration.


U. S. Dept. of Health, Education & Welfare  
Grant of $9,000 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for research entitled, "International Teacher Development Program," from September 24, 1966, to December 21, 1966, under the direction of Dr. Franklin R. Zeran, Dean of the School of Education.

U. S. Dept. of the Interior; Bureau of Commercial Fisheries  
Grant of $3,940 from the U. S. Department of the Interior, Washington, D. C., "To accommodate expenditures for operational and participant costs under a Graduate Educational Grant in Aquatic Sciences," from June 21, 1966, to June 20, 1967, under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.

U. S. Dept. of Labor  
Grant of $272,470 from the U. S. Department of Labor, Washington, D. C., for "A Neighborhood Youth Corps Project," from August 1, 1966, to July 31, 1967, under the direction of Mr. Curtis G. Weedman, Administrative Assistant for the Extension Service.

U. S. Forest Service  
Grants totaling $1,349.74 from the U. S. Forest Service, for research and other purposes, as follows:

1. $643.80 - "Research on the Douglas Fir Growth and Growing Stock Relations," under the direction of Mr. John F. Bell, Associate Professor, Forest Management.

2. $705.94 - "The Macro Quality of Timber Species in the Northwest," under the direction of Mr. William D. Ross, Assistant in Wood Growth-Quality.
Grants totaling $68,150 from the U. S. Public Health Service, Bethesda, Maryland, for research, fellowships, and other purposes, as follows:

1. $7,800 - "To carry operational and participant costs under a predoctoral fellowship award in behalf of William C. Renfro," from September 10, 1966, to September 9, 1967, under the direction of Dr. Charles L. Osterberg, Associate Professor of Oceanography.

2. $21,098 - "Survival Mechanism of Irradiated Microorganisms in Foods," from September 1, 1966, to August 31, 1969, under the direction of Dr. Jong S. Lee, Assistant Professor in Food Sciences and Technology.

3. $19,706 - "Metabolism of Aerobic Bacteria," from August 1, 1966, to July 31, 1967, under the direction of Dr. Annette Baich, Assistant Professor, Science Research Institute.

4. $6,300 - "To accommodate expenditures for operational costs under a predoctoral fellowship award in behalf of Richard H. Wilson," from September 1, 1966, to August 31, 1967, under the direction of Dr. Harold J. Evans, Professor of Plant Pathology, Botany Department.

5. $7,146 - "To accommodate expenditures for operational costs under a predoctoral fellowship award in behalf of Vernon D. Van Volkinburg," from September 19, 1966, to September 18, 1967, under the direction of Dr. Richard L. Miller, Assistant Professor of Zoology.

6. $6,100 - "To accommodate expenditures for operational costs under a predoctoral fellowship award in behalf of Roger A. Lewis," from September 1, 1966, to August 31, 1967, under the direction of Dr. Wilbert Gamble, Assistant Professor, 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 Cyanamid Company

$500 - "To support research of chemical control of diseases of tree fruits," under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology.

American Dairy Association

$10,000 - "Culture and Flavor Chemistry of Dairy Products," under the direction of Dr. W. E. Sandine, Associate Professor of Dairy Microbiology, and Dr. R. C. Lindsay, Assistant Professor of Food Science and Technology.

Charles Pfizer & Co., Inc.

$1,000 - "Investigation of Feeding Antibiotics to Mink," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

Crown Zellerbach Foundation

$3,500 - "A Study of Wound-Healing Processes in Plants," under the direction of Dr. R. L. Powelson, Associate Professor of Botany and Plant Pathology.
Meeting #351-57

October 24-25, 1968

Moore-Rane Manufacturing Company

$3,000 - Sprinkler irrigation equipment for frost control studies on potatoes for "Potato Improvement in the Klamath Basin," under the direction of Mr. George E. Carter, Assistant Professor of Agronomy.

Curry County Court

$3,000 - "Ornamental Research Program in Curry County," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

Geigy Chemical Corporation

$3,000 - "Weed Research," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

General Foods Corporation

$250 - "To support research on the control of vasal rot of Brussels sprouts," under the direction of Dr. E. K. Vaughan, Professor of Botany.

Klamath County

$3,000 - "To support forage crop research at the Klamath Experiment Station," under the direction of Mr. A. E. Gross, Associate Professor of Agronomy.

Merion Bluegrass Association

$500 - "Seed Field Burning Research," under the direction of Dr. D. O. Chilcote, Associate Professor of Crop Physiology.

Oregon State Highway Dept.

$183,308 - "A comprehensive study of Oregon's highway needs and financing," under the direction of Mr. Forrest S. Baker, Instructor in Agricultural Economics.

Polk Miller Products Corporation

$8,000 - "A Study of Parasites on Pets," under the direction of Dr. R. L. Goulding, Associate Professor of Entomology.

Stauffer Chemical Company

$1,600 - "For the control of cattle ectoparasites," under the direction of Mr. W. A. Sawyer, Professor, Agricultural Experiment Station.

U.S.D.A. Agric. Research Service

$1,000 - "Edible Tree Nut Production, Breeding, and Disease Investigation," under the direction of Dr. S. B. Apple, Jr., Professor of Horticulture.

Velsicol Chemical Corporation

$2,000 - "In support of research programs with herbicides," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

University of Oregon

Scholarships & Fellowships

Gifts totaling $37,815.56 from the following donors for scholarships and fellowships:

- African-American Institute, New York City $4,949.00
- Agnew Timber Products, Brookings 700.00
- Air Force Aid Society, Washington, D. C. 500.00
- Alaska Alumnae Chapter of Delta Sigma Theta, Anchorage, Alaska 150.00
- Altrusa Club of Albany 200.00
- American Legion Auxiliary, Dundee 150.00
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<th>Organization</th>
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<td>Army Relief Society, New York City</td>
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<td>Boise Cascade Corporation Foundation, Salem</td>
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<td>Britt Memorial Scholarship Fund, Medford</td>
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<td>Business and Professional Women's Club, Klamath Falls</td>
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<td>Cabrillo Civic Clubs, Inc., San Jose, California</td>
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<td>Central Lane YM-YWCA, Eugene</td>
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<td>Crown Zellerbach Foundation, San Francisco, California</td>
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<td>Edward Arthur Mellinger Educational Foundation, Inc., Monmouth, Illinois</td>
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<td>Gamma Nu Chapter of Epsilon Sigma Alpha, Pilot Rock</td>
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<td>Georgia-Pacific Foundation, Portland</td>
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<td>Government of American Samoa</td>
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<td>Green Valley Lumber Co., Inc., Roseburg</td>
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<td>Gresham Grade School Teacher's Association</td>
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<td>Herbert B. Galton, Portland</td>
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<td>Hilda Anthony and Ida McMeekan Music Award, Portland</td>
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<td>Lehigh University, Bethlehem, Pennsylvania</td>
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<td>Lettermann's Club, Parkrose Senior High School, Portland</td>
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<td>Mrs. Bernard L. Mainwaring, Salem</td>
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<td>Marin General Hospital Volunteers, San Rafael, California</td>
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<td>Navy Relief Society, Washington, D. C.</td>
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<td>Nez Perce Tribal Executive Committee, Lapwai, Idaho</td>
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<td>North American Baptist General Missionary Society, Inc., Forest Park, Illinois</td>
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<td>O. N. C. Scholarship Foundation, Palo Alto, California</td>
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<td>Oregon Association of Broadcasters, Eugene</td>
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<td>Oregon City Lions Club, Oregon City</td>
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<td>Oregon Federation of Women's Clubs, Portland</td>
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<td>Palo Alto Unified School District, Palo Alto, California</td>
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Parent-Teacher Association Scholarship, Parkrose
Senior High School, Portland $ 300.00
Phelps-Stokes Fund, New York City 150.00
Portland Panhellenic Association, Portland 500.00
Portland Professional Chapter of Theta Sigma Phi 100.00
Princeton University, Princeton, New Jersey 362.50
Business & Professional Women's Club, Roseburg 125.00
Rotary Club, Roseburg 890.00
The S & H Foundation, Inc., New York City 125.00
Samuel Kardon Foundation, Philadelphia, Pennsylvania 110.00
School District No. 6, Central Point 466.72
Sears Roebuck Foundation, Seattle, Washington 300.00
Sherman County Tuberculosis & Health Association, Moro 250.00
Smith River Lumber Company, Drain 334.00
Soroptimist Club of Castro Valley, California 200.00
South Eugene High School Girl's League, Eugene 100.00
South Santiam Educational and Research Project, through the Oregon State University Foundation, Corvallis 935.00
Student Association Medford Senior High School 1,831.00
Student Body, Oregon City Senior High School 250.00
Sunset High School Dad's Club, Beaverton 150.00
Max D. Tucker Estate, Portland 666.00
University of Oregon Development Fund, Eugene 2,236.00
Western Conference of Teamsters, Burlingame, California 250.00
Willamette Valley Lumber Company, Dallas 550.00
Women's Auxiliary-Good Samaritan Hospital, Corvallis 300.00

Department of Housing and Urban Development

Grant of $3,999 from the Department of Housing and Urban Development, San Francisco, California, for urban planning for the City of Corvallis, from August 24, 1965, to August 25, 1967, under the direction of Mr. Herman Kehrli, Director, Bureau of Municipal Research.

National Institute for Advanced Study

Grant of $5,500 from the National Institute for Advanced Study in Teaching Disadvantaged Youth, Washington, D.C., "To reimburse the University for the service of a research assistant and for a part-time secretary for the academic year 1966-67 in connection with Dr. Pearl's service as a member of the National Committee of the National Institute for Advanced Study in Teaching Disadvantaged Youth," from September 15, 1966, to June 15, 1967, under the direction of Dr. Arthur Pearl, Professor of Education.
Grants totaling $213,100 from the National Science Foundation, Washington, D. C., for research and other purposes, as follows:

1. $29,400 - "Theory of Asset Choice," from September 15, 1966, to September 15, 1967, under the direction of Dr. G. O. Bierwag and Dr. M. A. Grove, Assistant Professors of Economics.

2. $11,000 - "The Effects of Indoleacetic Acid and 2,4-D Dichlorophenoxyacetic Acid on the Metabolism of Plant Tissue Culture," from May 15 to September 15, 1966, under the direction of Dr. Edward Novitski, Head of the Department of Biology.

3. $44,300 - "Growth, Mutation, and Recombination in Bacteriophage," from September 1, 1966, to August 31, 1967, under the direction of Dr. Franklin W. Stahl, Professor of Biology.

4. $48,500 - "Statistical Thermodynamics of Steady State Systems," from September 15, 1966, to September 15, 1968, under the direction of Dr. Terrell Hill, Professor of Chemistry.

5. $79,900 - "Assignments and Interpretation of Molecular Crystals and Molecules," from September 1, 1966, to August 31, 1968, under the direction of Dr. William T. Simpson, Professor of Chemistry.

Grant of $1,000 from the Reader's Digest Foundation, Pleasantville, New York, for fund used for student research and travel, under the direction of Mr. John L. Hulteng, Dean, School of Journalism.


Grants totaling $30,808 from the U. S. Atomic Energy Commission, Richland, Washington, from August 1, 1966, to July 31, 1967, for research and other purposes, as follows:

1. $16,000 - "Electrophoretic and Histochemical Studies of Tissues and Body Fluids of X-Irradiated Hamsters," under the direction of Dr. A. L. Soderwall, Professor of Biology.

2. $14,808 - "Nucleo-Cytoplasmic Interactions During Amphibian Development," under the direction of Dr. Philip Grant, Professor of Biology.

Grants totaling $602,092 from the U. S. Office of Economic Opportunity, Washington, D. C., for research and other purposes, as follows:

1. $569,615 - "For rehabilitation of the Tongue Point Job Corps Center, Astoria, Oregon," from April 9, 1966, to November 30, 1966, under the direction of Dr. Wendell Van Loan, Director, Job Corps Center, Tongue Point.
2. $32,477 - "For the operation of a Job Corps recreation activity for the Tongue Point Job Corps Center, Astoria, Oregon," from June 30, 1966, to June 30, 1967, under the direction of Dr. Van Loan.

U. S. Office of Education Grants totaling $951,551 from the U. S. Office of Education, Washington, D. C., for research and other purposes, as follows:

1. $663,186 - "Center for the Advanced Study of Educational Administration," from April 1, 1966, to January 31, 1967, under the direction of Dr. Roland Pellegrin, Director, Institute of Community Studies.

2. $90,365 - "For development of an Oregon Information Center on Educational Administration," from June 1, 1966, to January 31, 1967, under the direction of Mrs. Ione F. Pierron, Associate Professor of Librarianship.

3. $198,000 - "For National Defense Student Loans," under the direction of Mr. E. W. Pierson, Administrative Loan Officer.


U. S. Public Health Service Grants totaling $101,295 from the U. S. Public Health Service, Bethesda, Maryland, for research, fellowships, and other purposes, as follows:

1. $34,190 - "Physiological Genetics of Bacteria," from September 1, 1966, to August 31, 1967, under the direction of Dr. Aaron Novick, Head, Institute of Molecular Biology.

2. $5,100 - "Predoctoral fellowship on behalf of Douglas Clarke Mosher," for one year, beginning August 15, 1967, under the direction of Dr. Fred Attneave, Professor of Psychology.

3. $5,300 - "Predoctoral fellowship on behalf of D. Paul Blattler," beginning September 1, 1966, under the direction of Dr. F. J. Reithel, Professor of Chemistry.

4. $5,800 - "Predoctoral fellowship on behalf of Richard Gordon," beginning September 1, 1966, under the direction of Dr. Terrell L. Hill, Professor of Chemistry.

5. $5,600 - "Predoctoral fellowship on behalf of Gary Coover," from August 1, 1966, to July 31, 1967, under the direction of Dr. Daniel P. Kimble, Assistant Professor of Psychology.

6. $5,300 - "Predoctoral fellowship on behalf of James C. M. Johnson," beginning June 24, 1967, under the direction of Dr. Benton Johnson, Associate Professor of Sociology.
7. $5,100 - "Predoctoral fellowship on behalf of Leland H. Donald, Jr.," for one year, beginning September 1, 1966, under the direction of Dr. Vernon R. Dorjahn, Associate Professor of Anthropology.

8. $5,100 - "Predoctoral fellowship on behalf of Barry L. Isaac," for one year, beginning August 18, 1967, under the direction of Dr. V. R. Dorjahn, Associate Professor of Anthropology.

9. $4,833 - "Predoctoral fellowship on behalf of Frank Eugene Poirier," beginning September 1, 1966, under the direction of Dr. Paul Simonds, Assistant Professor of Anthropology.

10. $24,972 - "Stereochemistry of Carcinogenesis—Synthetic Aspects," from September 1, 1966, to August 31, 1967, under the direction of Dr. LeRoy H. Klem, Professor of Chemistry.

UO Development Fund

Grants totaling $18,129.84 from the University of Oregon Development Fund, Eugene, for research and other purposes, as follows:

1. $17,723 - "To pay salaries, wages, and payroll assessments during the two-year period of the Institute for Music in Contemporary Education," from September 1, 1966, to June 30, 1967, under the direction of Dr. Robert M. Trotter, Dean, School of Music.

2. $406.84 - "Gift to the John B. Rogers Professorship account to take care of balloon check for Edward W. Reed for the academic year ending June 30, 1966," under the direction of Dr. R. W. Lindholm, Dean of School of Business Administration.

Vocational Rehabilitation Administration

Grant of $19,304 from the Vocational Rehabilitation Administration, Washington, D. C., for "Traineeships in Mental Retardation," from September 1, 1966, to August 31, 1967, under the direction of Dr. H. J. Prehm, Associate Professor of Education.

Weyerhaeuser Company Foundation

Grant of $3,250 from the Weyerhaeuser Company Foundation, Tacoma, Washington, "For use by the School of Business Administration in support of the Weyerhaeuser Fellowship in Business Administration for the 1966-67 school year," under the direction of Dean R. W. Lindholm, School of Business Administration.

University of Oregon Dental School

Grant of $185 from the Oregon Association of Retirement Services, Portland, "To be used as partial support of the lecture fee of Dr. James Birren, who lectured at the Gerodontology Conference on September 9, 1966," beginning September 9, 1966, under the direction of Dr. James S. Bennett, Acting Head, Department of Gerodontology.
U. S. Public Health Service

Grants totaling $15,180 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:


2. $680 - "To provide increase for career development award on behalf of Dr. William E. Tracy plus indirect costs and fringe benefits," from July 1, 1966, to June 30, 1967, under the direction of Dr. Bhim S. Savara, Head, Child Study.

University of Oregon Medical School

Scholarships & Fellowships

Gifts totaling $2,367 from the following donors for scholarships and fellowships:

- American Legion Auxiliary, Department of Oregon, Dundee
  - $250.00

- Crown Zellerbach Foundation, San Francisco, California
  - $625.00

- Order of Eastern Star, Grand Chapter of Oregon, Eugene
  - $500.00

- Northwest Nazarene College, Nampa, Idaho
  - $250.00

- Oregon Nurses Association, District No. 9, Warrenton
  - $200.00

- Soroptimist Club, Corvallis
  - $100.00

- Weyerhaeuser Company Foundation, Tacoma, Washington
  - $342.00

- Women of the Moose, Roseburg Chapter No. 361
  - $100.00

Burroughs Wellcome Company

Gift of $250 from the Burroughs Wellcome Company, Tuckahoe, New York, "For the Library fund in the Department of Pharmacology," under the direction of Dr. Elton L. McCawley, Professor of Pharmacology.

Lucille Endicott

Gift of an Admiral television set with an estimated value of $128, from Mrs. Lucille Endicott, Sacramento, California.

Mrs. M. Kolln

Gift of $250 from Mrs. Marjorie Kolln, Eugene, for the unrestricted use of the Department of Surgery, under the direction of Dr. W. W. Krippaehne, Professor and Chairman of the Department of Surgery.

National Science Foundation

Grant of $4,900 from the National Science Foundation, Washington, D. C., for a Graduate Fellowship Award, from September 1, 1966, to August 31, 1967, under the direction of Mr. Gregory P. Williams, Fellow in the Department of Biochemistry.

Oregon State Elks Association

Gifts of equipment, valued at $12,240.79, from the Oregon State Elks Association, Vision Committee, Canby, to the Children's Eye Clinic, representing contributions from the following for the purposes indicated:

- Oregon City Women of the Elks, $507.85, for one Powerite II Lensometer
Portland Women of Elks, $71.25, one Project-O-Chart, Floor Model and one Adult Vectograph Slide
Tillamook Lodge No. 1437, $236, for one Project-O-Chart Head, one Adult Vectograph Slide, and one Polarizer for Green Refractor
Portland Elks Lodge, $507.85, for one Powerite II Lensometer, given in memory of Mr. McCormick
Oregon State Elks Association, $8,845.99, in continued support of the Program for Visually Handicapped Children, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology
Fourteen Elks Lodges, $1,621.85, for the purchase of a Cryosty whole Retinal Detachment, Kelman and 12 units of Freon which is used in it.
Belles of the Beaverton Elks Lodge, $250, for Model C-1 Cabinet and small instruments to be kept in and used from this cabinet

Parke, Davis & Company
Gift of $4,725 from the Parke, Davis & Company, Ann Arbor, Michigan, in further support of a study on Chloromycetin Therapy, under the direction of Dr. Ernest J. Benner, Assistant Professor of Medicine.

Schifferer Estate
Bequest of $490.73 from the estate of William C. Schifferer, Salem, for the unrestricted use of Doernbecher Hospital, under the direction of Dr. Charles N. Holman, Medical Director.

Tektronix Foundation
Grant of $10,000 from the Tektronix Foundation, Beaverton, for the "Establishment of an Electron Microscope Laboratory," under the direction of Dr. Roy L. Swank, Professor and Head of the Neurology Division.

The Max & Rose Tucker Foundation
Unrestricted grant of $500 from the Max and Rose Tucker Foundation, Portland, for the use of Doernbecher Hospital, under the direction of Dr. Charles N. Holman, Medical Director.

U. S. Public Health Service
Grants totaling $604,685 from the U. S. Public Health Service, Bethesda, Maryland, for research, training programs, supplies, fellowships, and other purposes, as follows:

1. $20,757 - "Oxygen Transfer Through the Placenta," from June 1 to December 31, 1966, under the direction of Dr. Jan J. Faber, Assistant Professor of Physiology.

2. $37,135 - "Reaction of Connective Tissue Cells to Injury," from September 1, 1966, to August 31, 1967, under the direction of Dr. Virginia L. Weimar, Assistant Professor of Ophthalmology.

3. $16,280 - "Electronic Method of Detecting Blood Volume Changes," from September 1, 1966, to August 31, 1967, under the direction of Dr. Rex J. Underwood, Associate Professor of Anesthesiology.
4. $46,856 - "Development of Normal Human Communication Skills," from September 1, 1966, to August 31, 1967, under the direction of Dr. Herold S. Lillywhite, Professor of Speech Pathology.

5. $20,373 - "Pathways of Ethenol Metabolism," from September 1, 1966, to August 31, 1967, under the direction of Dr. John T. Van Bruggen, Professor of Biochemistry.

6. $34,877 - "Environmental Factors in Occupational Dermatitis," from September 1, 1966, to August 31, 1967, under the direction of Dr. Raymond R. Suskind, Professor of Environmental Medicine and Dermatology.

7. $27,000 - "In further support of an Undergraduate Training Program in Cardiology," from September 1, 1966, to August 31, 1967, under the direction of Dr. Herbert E. Griswold, Professor of Medicine.

8. $500 - "In support of a supply grant for Dr. James L. Gaylor in the Department of Biochemistry," from August 15, 1966, to August 14, 1967, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

9. $1,607 - "In further support of a Traineeship Program in Nursing Education," from September 27, 1966, to September 26, 1967, under the direction of Miss Gertrude Peterson, Assistant Professor of Public Health Nursing, School of Nursing.

10. $5,600 - "In further support of a Predoctoral Fellowship for Mrs. Lynne C. Manaugh in the Pathology Department," from September 14, 1966, to September 13, 1967, under the direction of Dr. S. R. Wellings, Professor of Pathology.

11. $27,958 - "Inhibition of Hemagglutinins by Immunosuppressive Drugs," from November 1, 1966, to August 31, 1967, under the direction of Dr. Arthur W. Frisch, Professor of Bacteriology.

12. $10,950 - "Viral Etiology of Human Lymphomas and Related Neoplasms," from September 1, 1966, to February 28, 1967, under the direction of Dr. Benjamin V. Siegel, Professor of Pathology.

13. $89,818 - "In further support of a regular academic Training Program in Nursing," from September 1, 1966, to August 31, 1967, under the direction of Miss Lucile Gregerson, Associate Professor, School of Nursing.

14. $19,700 - "In further support of a Traineeship Program in Nursing Education," from September 27, 1966, to September 26, 1967, under the direction of Miss Gertrude Peterson, Assistant Professor of Public Health Nursing.
15. $13,920 - "Lubrication of Joints," from September 1, 1966, to August 31, 1967, under the direction of Dr. Jan J. Faber, Assistant Professor of Physiology.

16. $18,856 - "Cardiovascular Physiology in Pregnancy," from September 1, 1966, to August 31, 1967, under the direction of Dr. James Metcalfe, Professor of Medicine.

17. $8,323 - "The Anatomy of Human Growth and Development," from September 1, 1966, to August 31, 1967, under the direction of Dr. Anthony A. Pearson, Professor and Chairman, Anatomy Department.

18. $500 - "A fellowship supply award for Dr. Thomas J. Franz in the Department of Biochemistry," from July 1, 1966, to June 30, 1967, under the direction of Dr. John T. Van Bruggen, Professor of Biochemistry.

19. $500 - "A Fellowship Supply Award for Dr. Herman M. Frankel in the Department of Pediatrics," from July 15, 1966, to July 14, 1967, under the direction of Dr. Richard W. Olmsted, Professor and Head of the Department of Pediatrics.

20. $17,600 - "In support of a Health Professions Scholarship Program," from July 1, 1966, to June 30, 1967, under the direction of Mr. W. A. Zimmerman, Associate Dean for Business Affairs.

21. $6,100 - "In support of a predoctoral fellowship for Mrs. Kar-men LaVer Schmidt," from September 1, 1966, to August 31, 1967, under the direction of Dr. Robert L. Bacon, Professor of Anatomy.

22. $46,478 - "Therapy of Cardiac Arrhythmias," from September 1, 1966, to August 31, 1967, under the direction of Dr. Elton L. McCawley, Professor of Pharmacology.

23. $19,229 - "Dorsal Root Ganglion Cells," from September 1, 1966, to August 31, 1967, under the direction of Dr. George Austin, Professor and Head of the Surgery Department.

24. $16,253 - "Cardiac Electrophysiology and Electron Microscopy," from September 1, 1966, to August 31, 1967, under the direction of Dr. Donald G. Rassebaum, Assistant Professor of Medicine.

25. $46,320 - "Thrombosis in Retinal Vessels," from September 1, 1966, to August 31, 1967, under the direction of Dr. Arthur J. Seaman, Professor of Medicine.

26. $2,032 - "Genetically Determined Neurological Diseases," from December 1, 1965, to November 30, 1966, under the direction of Dr. James Austin, Associate Professor of Neurology.
27. $49,163 - "Applied Hemodynamics in Cardiovascular Radiology," from September 1, 1966, to August 31, 1967, under the direction of Dr. Charles T. Dotter, Professor and Chairman, Radiology Department.

Grants totaling $137,982 from the Vocational Rehabilitation Administration, Washington, D.C., for grants and traineeships and other purposes, as follows:

1. $26,148 - "In further support of a Teaching Grant and Traineeships in Rehabilitation Medicine," from September 1, 1966, to August 31, 1967, under the direction of Dr. William Snell, Professor, Head of Orthopedic Surgery Division.

2. $111,834 - "In further support of a Teaching Grant and Traineeships in the field of Rehabilitation Counseling," from September 1, 1966, to August 31, 1967, under the direction of Dr. George Saslow, Professor and Chairman of the Psychiatry Department.

Portland State College

Scholarships & Fellowships

Gifts totaling $1,665 from the following donors for scholarships and fellowships:

Benson Polytechnic High School, Portland $ 200.00
Lawrence S. Black, Lake Oswego 110.00
Blitz-Weinhard Company, Portland 110.00
Boyd Coffee Company, Portland 150.00
Fulton Provision Company, Portland 100.00
Reynolds High School, Troutdale 175.00
Sposistio Insurance Agency, Portland 100.00
Tektronix Foundation, Beaverton 720.00

Jefferson Plywood Company

Grant of $588 from the Jefferson Plywood Company, Madras, for "REACH" Project with Warm Springs Reservation, from June 10 to July 22, 1966, under the direction of Mr. Robert J. Gridley, Chairman, Portland Center Special Programs.

McGuire Estate

Bequest of $10,000 from the estate of Hugh B. McGuire, deceased, Portland, for "Portland State College Student Loan Fund," to be administered under the direction of Mr. James V. Moore, Financial Aids Officer.

National Science Foundation

Grant of $14,830 from the National Science Foundation, Washington, D.C., to support a research project entitled, "Indigenous Languages of Oregon," from July 1, 1966, to September 30, 1968, under the direction of Dr. Joe E. Pierce, Professor of Anthropology.
Grants totaling $127,905 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for research and other purposes, as follows:

1. $4,920 - "Social Work and Nursing - Merging Responsibilities in Comprehensive Patient Care for the Chronically Ill and Aged," from August 12 to November 10, 1966, under the direction of Mr. Oscar Kurren, Associate Professor of Social Work.

2. $97,200 - "Preparation of Professional Personnel in the Education of Handicapped Children," from June 1, 1966, to June 30, 1967, under the direction of Dr. Keith Larson, Assistant Professor of Education.

3. $25,785 - "To support the Central European Language and Area Center for 1966-67," from July 1, 1966, to June 30, 1967, under the direction of Dr. H. Frederick Peters, Professor of Foreign Languages.

Oregon College of Education

Scholarships & Fellowships Gifts totaling $5,723 from the following donors for scholarships and fellowships:

- Agnew Timber Products, Brookings
  - $  500.00
- Crown Zellerbach Foundation, San Francisco, California
  - 1,250.00
- Englewood School Retired Teachers Scholarship, Salem
  - 125.00
- Gresham Union High School Student Body
  - 125.00
- Junior Achievement - Columbia Empire, Inc., Portland
  - 250.00
- Marie Lear Scholarship Fund, Silverton
  - 250.00
- Lew Williams Foundation, Eugene
  - 500.00
- Order of Eastern Star, Madras
  - 235.00
- Parent-Teacher Association, Franklin High School, Portland
  - 100.00
- Parent-Teacher Association, Reynolds High School, Troutdale
  - 150.00
- Parent-Teacher Association, South Eugene High School, Eugene
  - 220.00
- Silverton High School Student Body
  - 550.00
- Smith River Lumber Company, Drain
  - 334.00
- South Santiam Educational and Research Project through the Oregon State University Foundation, Corvallis
  - 167.00
- Spokane Tribe, Coulee Dam, Washington
  - 500.00
- Sweet Home Union High School Community Scholarship Fund
  - 100.00
- Triangle Lake Teachers Education Association, Blachly
  - 150.00
- Howard Turner Educational Trust Fund, Portland
  - 200.00
- Woolley Logging Company, Drain
  - 167.00
Grant of $2,000 from the National Science Foundation, Washington, D. C., for "the support of a research project under the Program of Research Participation for College Teachers," from August 11, 1966, to October 31, 1968, under the direction of Dr. James D. Liedtke, Assistant Professor of Physical Science.

Grant of $573 from the U. S. Office of Education through the Oregon State Department of Education, for the "Purchase of books for the Campus Elementary School Library," from May 23, 1966, to June 30, 1967, under the direction of Mr. H. Dale Harp, Assistant Professor of Education.

Grants totaling $67,158 from the U. S. Department of Health, Education and Welfare, Washington, D. C., for research, fellowships, and other purposes, as follows:

1. $44,758 - "To carry on a program for counselors working with the deaf which is designed to meet the particular needs of vocational counselors and other professional personnel who work with profoundly deaf adults," from September 1, 1966, to August 31, 1967, under the direction of Mrs. Betty Phillips Hold, Assistant Professor of Education.

2. $22,400 - "For four one-year fellowships authorized under Title V Part C of the Higher Education Act of 1965," from September 1, 1966, to August 30, 1967, under the direction of Dr. Ronald L. Chatham, Professor of Geography.

Grant of $57,323 from the University of Southern California, to conduct a special short term Educational Media Institute for Title XI Institute Directors," from July 8, 1966, to May 31, 1967, under the direction of Dr. Lester F. Beck, Research Professor.

Gifts totaling $29,935.20 from the following donors for scholarships and fellowships:

- Agnew Timber Products, Brookings $ 700.00
- American Legion Auxiliary, Pendleton 150.00
- B. P. W. Club, Ashland 196.00
- Soroptimist Club, Ashland 294.00
- Beneficial Foundation, Inc., Wilmington, Delaware 125.00
- Britt Memorial Scholarship Fund, Medford 2,200.00
- Burt K. Snyder Educational Foundation, Portland 200.00
- California-Pacific Utilities Co., San Francisco, California 882.00
- Carpenter Foundation through the Medford Public Schools 1,619.00
- Carpenter Foundation through Ashland High School 654.00
- Carpenter Foundation through Phoenix High School 1,430.00
- Carpenter Foundation through Crater High School, Central Point 1,000.04
College Women's Club of the Rogue River Valley, Medford  $150.00
Columbia University in the City of New York  322.00
Crater Lions, Medford  170.00
Delta Kappa Gamma, Ashland  294.00
Drain Plywood Company, Drain  167.00
Elks Lodge No. 1934, Brookings  300.00
Elks Lodge No. 2145, Springfield  100.00
Faculty Wives of Southern Oregon College, Ashland  250.00
Forest Glen Lumber Company, Medford  100.00
Future Teachers of America, Medford  100.00
Girls' League of Ashland High School  100.00
Grand Guardian Council of Oregon International Order of Job's Daughters, Gladstone  300.00
Grants Pass High School  294.00
M. O. Grove Memorial Scholarship, Medford  827.00
Lester D. Harris Memorial, Medford  100.00
Inter-Club Council Scholarship, Ashland  100.00
International Lions Club, Yoncalla  147.00
Jackson County Insurance Agents, Ashland  167.00
Kakekili Chapter No. 4, Order of Kamehameha, Wailuku, Maui, Hawaii  300.00
Kiwanis Club, Canby  100.00
Louis Biden Logging Company, Prospect  500.00
McKay's Markets, Coos Bay  125.00
Medford High School General Scholarship  102.00
Medford Jaycees  300.00
Medford Mail Tribune  300.00
Rotary Club, Medford  407.50
Medford Rotary Educational Grant  436.00
Mildred Litster Scholarship Trust, Medford  668.00
Miscellaneous Donors  3,471.00
Modene Studio, Central Point  125.00
National Association of Retail Grocers, Chicago, Illinois  1,000.00
The National Foundation, Pendleton  250.00
North American Benefit Association, Port Huron, Michigan  250.00
Office of the Baseball Commissioner, New York City  333.33
Order of the Eastern Star of Oregon, Portland  250.00
Oregon Congress of Parents and Teachers, Portland  420.00
Oregon State Chapter P.E.O. Sisterhood, Portland  500.00
Oregon State Elks Association, Madras  530.00
Parent-Teacher Association, Camas Valley  175.00
Parent-Teacher Association, Glenwood  110.00
Parent-Teacher Association, Myrtle Point  175.00
Parent-Teacher Association, Riddle  200.00
Parent-Teacher-Student Organization, Myrtle Point  200.00
Mr. & Mr. John Pruitt, Los Altos, California  2,269.40
Rogue Equipment Company, Medford  167.00
Saudi Arabian Educational Mission to the United States, New York City  774.00
Scio Classroom Teacher's Association  100.00
Meeting #351-71

Southern Oregon Peace Officers Association,
Central Point $170.00
Theron James Memorial Scholarship, Eugene
Tillamook People's Utility District 100.00
Frank TouVelle Trust, Medford 837.93
Turner Educational Trust, Portland 434.00
Woolley Logging Company, Drain 250.00
Woolley Logging Company, Drain 167.00

Pacific Power & Light Co.
Gift of a DC Test Board, valued at $1,000, from the Pacific Power
and Light Company, Medford, for "Incorporation in Laboratory
Materials," under the direction of Dr. Elliott B. MacCracken,
Chairman, Science-Mathematics Division.

Tektronix, Inc.
Gift of three Tektronix Oscilloscopes, Model 515A, valued at
$1,875, from Tektronix, Inc., Walnut Creek, California, to be
used in the teaching laboratories," under the direction of
Dr. Elliott B. MacCracken.

U. S. Dept. of Health, Education & Welfare
Grant of $57,620 from the U. S. Department of Health, Education
& Welfare, Washington, D. C., for educational grants to students
needing money to continue their education, under the direction of
Mrs. Mabel Winston, Associate Dean of Students.

Eastern Oregon College

Scholarships & Fellowships
Gifts totaling $3,144, from the following donors for scholarships
and fellowships:

The General Henry H. Arnold Educational Fund, Air
Force Aid Society, Washington, D. C. $900.00
Boise Cascade, Fine Paper Division, Salem 500.00
Columbia Power Cooperative Association, Monument 300.00
Inland Machinery Company, La Grande 500.00
Junior Women's Club, Union 294.00
Kailulani Home for Girls Trust, Inc., Honolulu,
Hawaii 250.00
Mrs. Robert Kern, Newport 125.00
Madras High School Student Body 150.00
Oregon State Elks Association, Madras 125.00

U. S. Dept. of Health, Education & Welfare
Grant of $24,120 from the U. S. Department of Health, Education,
and Welfare, Washington, D. C., to assist students of low income
brackets in furthering their education, from July 1, 1966, to
June 30, 1967, under the direction of Mr. Howard A. Anderson,
Financial Aids Officer.

Oregon Technical Institute

Scholarships & Fellowships
Gifts totaling $9,387 from the following donors for scholarships
and fellowships:

Agnew Timber Products, Brookings $200.00
American Legion - Calvin Funk Post No. 32,
Cottage Grove 300.00
Meeting #351-72

October 24-25, 1966

American Medical Technologist, Klamath Falls $300.00
Carpenter Foundation, Central Point 300.00
Courtesy Chevrolet, Medford 330.00
Daly Educational Fund, Lakeview 800.00
Elks Foundation, Whittier, California 1,400.00
Girls' League, Scappoose Union High School 150.00
Rotary Club, Grants Pass 500.00
Henley High School, Klamath Falls 100.00
Illinois Valley High School, Cave Junction 250.00
Louis Biden Logging, Inc., Prospect 500.00
McCloud River Railroad Company 690.00
The Quillayute Valley Scholarship Fund, Inc.,
Forks, Washington 100.00
Rotary International, Evanston, Illinois 2,817.00
Turner Educational Trust Fund, Portland 300.00
Women in Construction of Portland 350.00

Tektronix, Inc. Grant of $1,250.85 from Tektronix, Inc., Portland, for the purchase of an Oscilloscope, Serial No. 495, Plug-in Unit, Serial No. 105, and Time Base Unit, Serial No. 1072, under the direction of Mr. Paul T. Meier, Dean of Instruction.

Division of Continuing Education

State Dept. of Education Grant of $3,500 from the State Department of Education, Division of Community College and Vocational Education, Salem, "To provide one-half of those funds required for the purpose of developing labor education programs, and other programs as agreed to by the State Department of Education and the Division of Continuing Education," from July 1, 1966, to June 30, 1967, under the direction of Mr. James Marr, Portland Center.

University of Portland, School of Nursing Grant of $2,503 from the University of Portland School of Nursing, Portland, "To develop and conduct continuing education nursing programs," from September 1, 1966, to May 31, 1967, under the direction of Mr. L. R. Pierson, Head, Portland Center.

ADJOURNMENT The Board adjourned at 12:30 P.M., October 25, 1966.

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