STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
ROOM 321, STATE CAPITOL BUILDING, SALEM, OREGON

September 14-15, 1964

MEETING #330

A regular meeting of the State Board of Higher Education was held in Room 321, State Capitol Building, Salem, Oregon, on September 14-15, 1964.

ROLL CALL

The meeting was called to order at 9:00 A.M. on Monday, September 14, 1964, by the Vice President of the Board, Mr. J. W. Forrester, Jr., and on roll call the following answered present:

Mr. J. W. Forrester, Jr.  
Mrs. Elizabeth H. Johnson  
Mr. Philip A. Joss  
Mr. John Merrifield  
R. E. Furvine, M.D.  
Mr. John W. Snider

Absent: Mr. George H. Layman; Mr. Chas. R. Holloway, Jr., and Mr. Ray T. Yasui arrived later in the meeting but were not present at the beginning of the meeting due to business reasons.

OTHERS PRESENT:

Centralized Activities—Chancellor R. E. Lieuallen; Secretary R. L. Collins; Dr. M. C. Romney, Vice Chancellor for Academic Affairs; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. J. W. Sherburne, Vice Chancellor for Continuing Education; Mr. D. R. Larson, Assistant Chancellor and Director of Public Services; Mr. J. L. Watson, Comptroller; Mr. J. I. Hunderup, Director of Facilities Planning; Mrs. Wickes Beal, Assistant to the Chancellor; Mr. Guy Lutz, Assistant Director, Office of Institutional Research; Mr. Wolf D. von Otterstedt, Assistant Attorney General; Mr. Allen McKenzie, Assistant to Vice Chancellor for Business Affairs; Mr. George Diel, Assistant Director of Public Services; Mr. Keith Jackson, Assistant to the Budget Director; and Mr. Robert Fritsch, Architectural Consultant, Office of Business Affairs.

University of Oregon—President A. S. Fleming; Dr. W. C. Jones, Dean of Administration; Mr. J. O. Lindstrom, Director of Fiscal Affairs; Dr. Jarold A. Kieffer, Assistant to the President; Mr. I. I. Wright, Superintendent of the Physical Plant; and Mr. George Wallman, Staff Architect.

Oregon State University—President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Director of Business Affairs; Mr. R. A. Adams, Director, Physical Plant; Mr. Miles Metzger, Superintendent of Planning and Construction, Physical Plant.

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

University of Oregon Dental School—Dean H. J. Noyes; Mr. Eugene Bauer, Business Manager.
Portland State College--President B. F. Millar; Mr. W. T. Lemman, Director of Business Affairs; and Dr. Brock Dixon, Dean of Administration.

Oregon College of Education--President L. W. Rice; Mr. E. A. Stebbins, Dean of Administration; and Mr. Ronald Chatham, Director of Planning.

Southern Oregon College--President E. N. Stevenson; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs.

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

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

Division of Continuing Education--Dr. Viron A. Moore, Director of State-Wide Services.

Others--Mr. Denis Curry, Supervising Analyst, Department of Finance and Administration; Mrs. Regina L. Ewalt, Director of Professional Services, Oregon Education Association; Mr. Ray Field, Assistant Audits Supervisor, Division of Audits; Mr. Howard Grimms, Architect, Department of Finance and Administration; and Mr. Richard L. Soderberg, Executive Director, Urban Renewal.

RE ABSENCES: Mr. Layman was absent for business reasons.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting held on July 27-28, 1964, and approved them as printed in the docket.

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

Report of Bids and Contract Awards for Classroom, Laboratory, & Office Building, SOC

Pursuant to authority granted by the Board at the July 27-28, 1964, meeting, bids for the proposed Classroom, Laboratory and Office Building at Southern Oregon College were opened in Ashland on August 21, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>$ 556,700</td>
<td>$ 676,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>2</td>
<td>116,928</td>
<td>147,750</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>59,540</td>
<td>76,225</td>
</tr>
</tbody>
</table>
Inasmuch as the sum of the lowest bids received was well within the direct construction cost allowance, contract awards were made and the following budget was approved for the project:

**Project Costs**

**Direct Construction Costs:**
- General Work - Ausland Construction Co., Grants Pass: $556,700
- Mechanical Work - Patterson Plumbing Co., Inc., Medford: $116,928
- Electrical Work - Steeck Electric Company, Medford: $59,540

**Total Direct construction costs:** $733,168

**Architect's and engineers' fees:** $40,684

**Land:** $16,125

**Site work:** $6,085

**Construction supervision:** $7,000

**Furnishings and equipment:** $41,275

**Legal and miscellaneous costs:** $1,000

**Contingencies (2% of direct construction costs):** $14,663

**Total project costs:** $860,000

**Sources of Funds**

- Appropriation by Chapter 548, Oregon Laws 1963: $40,000
- Series 1964 General Obligation Bond Borrowings: $820,000

**Total Sources of Funds:** $860,000

The total project costs of $860,000, as noted above, are considerably below the expenditure limitation of $955,000 imposed by the 1963 Legislature, and are $35,000 less than the "target" budget approved by the Board at the July 1964 meeting. These savings will be used to assist in the financing of other urgently needed and approved capital construction projects and, hopefully, to permit the acceptance later in 1964 of the bid alternate for air conditioning equipment (the cost of which is approximately $25,000).

The plans and specifications for this reinforced concrete building were prepared by Architect Robert J. Keeney of Medford. Based upon the direct construction costs of $733,168 and the gross area of 41,571 square feet, the average direct construction cost per square foot is approximately $17.64.

The Board confirmed the contract awards.


Pursuant to authorization granted by the Board on September 10, 1963, bids for the construction of the Portland State College Science Building and the Utility Tunnel were opened in Portland on August 4, 1964, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>5</td>
<td>$1,158,675</td>
<td>$1,305,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>493,100</td>
<td>596,812</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>8</td>
<td>175,400</td>
<td>219,000</td>
</tr>
<tr>
<td>Laboratory Equipment Work</td>
<td>4</td>
<td>186,299</td>
<td>279,575</td>
</tr>
<tr>
<td>Utility Tunnel</td>
<td>4</td>
<td>109,000</td>
<td>150,000</td>
</tr>
</tbody>
</table>
The sum of the bids for the Science Building was very close to the estimate of Architects Skidmore, Owings & Merrill, but the bids for the Utility Tunnel were somewhat higher than the estimate prepared by Engineers J. Donald Kroeker & Associates. After analyzing the bids and the basis upon which grant funds are being provided by the federal government, President Millar recommended, with the concurrence of the Chancellor, that contract awards be made to the low bidders and that the following tentative budget be approved for the project:

**Project Costs**

**Direct Construction Costs:**
- General Work - Contractors, Inc., Portland: $1,158,675
- Mechanical Work - Temp-Control Corporation, Portland: 493,100
- Electrical Work - W. R. Grasle Co., Portland: 175,400

Total direct construction costs: $2,013,474

Architects' and engineering fees: 111,065
Land acquisition and clearance: 258,645
Furnishings and equipment: 140,428

**Utility Tunnel:**
- Engineering fees: 5,450
- Contingencies (2%): 2,180

Primary electric service: 15,000
Construction supervision: 9,375
Legal, administrative and miscellaneous costs: 24,394
Contingencies (2% of direct construction costs): 40,269

Total project costs: $2,729,280

**Sources of Funds**

- Chapter 611, Oregon Laws 1961: $402,500
- State Board of Higher Education Facilities Bonds, Series 1964: 1,937,500
- Grants from U. S. Public Health Service (maximum): 389,280

Total sources of funds: $2,729,280

The direct construction costs of $2,013,474, including the built-in laboratory fixtures but excluding the utility tunnel, average $22.09 per square foot for the gross area of 91,164 square feet.

In order to proceed with the construction of the facilities on the basis outlined above, it was necessary to omit or defer certain items such as the special voltage system for physics laboratories, the compressed air system, some interior painting, floor coverings and a portion of the laboratory equipment. Alternates for the reinstatement of most of these items are valid for a period of 90 or 120 days from the date of contract awards. Institutional officials recommend that the appropriate Board officials be authorized to amend the contracts to include as many of these items as possible,
utilizing a portion of the funds budgeted for furnishings and equipment, and/or contingencies, or by seeking the approval of the State Emergency Board to increase the expenditure limitation in the total project cost above $2,729,280, either by the release of a portion of the capital outlay appropriations immobilized by the Special Session of the 1963 Legislature or from other resources. The total value of the most urgently needed items is approximately $160,000.

The Chancellor recommended that the appropriate Board officials study the various alternatives for meeting the needs of Portland State College in relation to the construction of the Science Building and Utility Tunnel with the understanding that before a request, if any, is submitted to the State Emergency Board to increase the expenditure limitation for the project above the previously approved total of $2,729,280, a recommendation will be submitted to the Board or to the Executive Committee of the Board. Meanwhile, transfers from one item of the budget to another may be approved by the appropriate officials of the Board in the usual manner.

During the discussion of the report of the Chancellor, it was emphasized that a minimum increase of $170,000 would be required in the expenditure limitation applicable to the Portland State College Science Building, including the utility tunnel, in order to permit the providing of an air compressor system, a variable voltage system for the physics and chemistry departments, interior painting, floor covering, additional laboratory fixtures, etc. The Chancellor indicated that Chapter 611, Oregon Laws 1961, included an appropriation for a Library Building for Oregon State University and that $170,000 of the funds which had been released for that project tentatively had been reserved in compliance with the Board minutes of its meetings of April 25, 1962, and December 9, 1963, to apply toward the construction of a Computer Building at the University, to supplement a $150,000 appropriation for the Computer Building and an expected federal grant.

Since the federal government grant has not been provided to date, the Chancellor recommended that Emergency Board authorization be sought to permit the use of the $170,000 for the Portland State College Science Building, another project which was specifically provided for by the 1961 appropriation. He stated in the event federal grant funds for the Computer became available that then an appropriate request would be made to the Board, and then to the State Emergency Board, to authorize the use of Series 1964 bond borrowings or other capital outlay funds.

The Board accepted the report as provided the Board in advance of the meeting and also approved the recommendation of the Chancellor regarding the seeking of the right to use $170,000 of the 1961 appropriation as detailed above for the Portland State College Science Building.
In accordance with authorization granted by the Board on July 27, 1964, bids for the proposed Classroom, Laboratory and Office Building (identified as the Education-Psychology Building) at Oregon College of Education were opened in Monmouth on August 27, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low-Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>357,190</td>
<td>410,448</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>5</td>
<td>122,496</td>
<td>146,085</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>65,696</td>
<td>75,312</td>
</tr>
</tbody>
</table>

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

**Project Costs**

- **Direct Construction Costs:**
  - General Work - Robert D. Morrow, Inc., Salem $357,190
  - Mechanical Work - Bowen Bros. Plumbing & Heating, Inc., Salem 122,496
  - Electrical Work - Ross Electric, Inc., Corvallis 65,696
  - Total direct construction costs $545,382

- Architects' and engineers' fees (net of $5,727 provided from Board's funds for preliminary planning) 25,914
- Construction supervision 9,000
- Landscaping 8,555
- Furnishings and equipment 67,026
- Legal, administrative and miscellaneous costs 3,215
- Contingencies (2% of direct construction costs) 10,908
- Total project costs $670,000

**Source of Funds**

Series 1964 General Obligation Bond Borrowings (net of $5,727 provided from Board's funds for preliminary planning) $670,000

The total project costs of $670,000 are considerably below the expenditure limitation of $820,000 contemplated by Chapter 548, Oregon Laws 1963, and are approximately $64,000 less than the "target" budget approved by the Board at the July 1964 meeting. These savings will be used to assist in financing of other urgently needed and approved capital construction projects and possibly to cover the cost of providing and installing air conditioning equipment in the building.

The plans and specifications for this building were prepared by Architects Wolff & Zimmer, Portland. Based upon the direct construction costs of $545,382 and the gross area of 35,012 square feet, the average direct construction cost per square foot is approximately $15.58.

The Board confirmed the contract awards.
In accordance with authorization granted by the Board on July 27, 1964, bids were received in Corvallis on August 25, 1964, for the installation of primary electrical service in the tunnel serving Oregon State University buildings along Campus Way from Apperson Hall to Cordley Hall and in the new utility tunnel serving the Women's Building. Five bids were received ranging from $194,200 to $259,900.

Inasmuch as the low bid was substantially below the allowance indicated to Engineer W. Bruce Morrison, a contract award was made and the following budget was approved for this work:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction costs - Electric Corp., Salem</td>
<td>$194,200</td>
</tr>
<tr>
<td>Engineering Fees</td>
<td>10,681</td>
</tr>
<tr>
<td>Construction Supervision</td>
<td>1,800</td>
</tr>
<tr>
<td>Physical plant costs, including landscaping and relocation of utilities</td>
<td>7,335</td>
</tr>
<tr>
<td>Contingencies (2% of direct construction costs)</td>
<td>3,884</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$217,900</strong></td>
</tr>
</tbody>
</table>

This budget will be combined with the budget for the utility tunnel extension reported to the Board at the July 27, 1964, meeting and will reflect a total project cost of $315,500 for both portions of the work, requiring $302,000 of State Board of Higher Education Facilities Bonds, Series 1964 and $13,500 of the capital outlay appropriation made for Chapter 548, Oregon Laws 1963 (released by the State Emergency Board on June 28, 1963). The expenditure limitation for the utility tunnel work, imposed by the statute, was $465,000. The savings of $149,500 will be utilized in financing other approved high priority capital construction projects later this year.

The Board confirmed the contract award.
Revision of Interior Finishes in Dormitory No. 5, OCE

In an effort to minimize and control noise in Dormitory No. 5, now under construction at Oregon College of Education, President Rice, with the concurrence of the Chancellor, recommended that the appropriate Board officials be authorized to substitute carpeting in lieu of vinyl asbestos floor coverings in the student rooms, counselors' rooms and lounges. It is estimated that the net additional cost of these changes would be approximately $7,000, or about $48 per student, but the funds required thereof would be taken from the project contingency reserve without increasing the budget total. Such action would not be interpreted as establishing a precedent for the use of acoustical flooring in the study-bedrooms of other dormitories at Oregon College of Education or at other institutions of the State System.

The Board approved the recommendation with the understanding that this would be a trial use of carpeting for the purposes of studying its advantages and disadvantages in regard to costs of installation and maintenance, its durability and its effectiveness in noise control.

Report of Inspection and Acceptance of Westmoreland Village, Stage 5, UO

On July 22, 1964, the Vice Chancellor for Business Affairs inspected and accepted the work of construction contractors for Stage 5 of Westmoreland Village, the married student housing project at the University of Oregon, subject to completion of a few minor items. A semi-final budget for the project, which will be adjusted when final costs for furnishings, equipment and miscellaneous expenses have been determined, is indicated below in comparison with the original budget reported to the Board April 23, 1963:

<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 7-22-64</th>
<th>Original Budget 4-23-63</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 - Todd Building Company, Roseburg</td>
<td>$1,235,226</td>
<td>$1,239,000</td>
<td>$( 3,774) (1)</td>
</tr>
<tr>
<td>Mechanical Work - Willis Mechanical Contractor, Eugene</td>
<td>190,476</td>
<td>189,876</td>
<td>600 (2)</td>
</tr>
<tr>
<td>Electrical Work - Clarke Electric Co., Eugene</td>
<td>164,761</td>
<td>163,600</td>
<td>1,161 (3)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,590,463</td>
<td>$1,592,476</td>
<td>$( 2,013)</td>
</tr>
<tr>
<td>Underground utility assessment-Eugene Water &amp; Electric Board</td>
<td>3,895</td>
<td>27,200</td>
<td>(23,305)</td>
</tr>
<tr>
<td>Underground irrigation system - Ramsey-Waite Company, Eugene</td>
<td>38,324</td>
<td>30,300</td>
<td>8,024</td>
</tr>
<tr>
<td>Total direct construction costs</td>
<td>$1,632,682</td>
<td>$1,649,976</td>
<td>$(17,294)</td>
</tr>
</tbody>
</table>
### Project Costs

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget 7-22-64</th>
<th>Original Budget 4-23-63</th>
<th>Increase or (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architects' and engineering fees</td>
<td>67,348</td>
<td>68,062</td>
<td>(714)</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>123,220</td>
<td>123,220</td>
<td>-</td>
</tr>
<tr>
<td>Physical Plant costs, storm sewer system assessment and miscellaneous</td>
<td>33,750</td>
<td>36,243</td>
<td>(2,493)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>82,499</td>
<td>82,499</td>
<td></td>
</tr>
<tr>
<td>Total project costs</td>
<td>$1,857,000</td>
<td>$1,960,000</td>
<td>$(103,000)</td>
</tr>
</tbody>
</table>

(1) Reflects credit of $5,000 for modifications in installation of ceramic tile in 69 second floor bathrooms, cost of relocating existing Cyclone fence, cost of constructing a 50-foot retaining wall and other changes incorporated within 8 approved change orders.

(2) Includes installation of plastic pipe chases under concrete and asphalt to receive irrigation piping, deletion of 3-speed switches for fans in bathrooms and other modifications incorporated within 4 approved change orders.

(3) Includes electrical work for irrigation system, revisions in the wiring for the fans in bathrooms and other modifications incorporated within 3 approved change orders.

This project was designed by Architects Lutes and Amundson of Springfield and included the construction of the final 202 units within Westmoreland Village, 3 additional wash houses and additions to the maintenance and recreation buildings. Funds required therefore were provided from Series 1963 A Bonds. The net savings of $103,000 indicated above will be made available for other approved self-supporting projects and/or land purchases.

Based upon a gross area of 120,944 square feet, the direct construction costs of $1,632,682 average $13.50 per square foot. The total investment of $1,857,000 averages approximately $9,193 per apartment unit.

The Board confirmed the acceptance of Stage 5 of Westmoreland Village.
The Vice Chancellor for Business Affairs inspected and accepted as of August 28, 1964, subject to the completion of a few minor items, the work of construction contractors for Dormitories No. 7 and 8 at Oregon State University. A semi-final budget for the project, which will be amended when bids are received for the landscaping and final costs are determined for furnishings and equipment, is indicated below in comparison with the original budget reported to the Board on April 23, 1963:

<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 8-28-64</th>
<th>Original Budget 4-23-63</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direct construction costs:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - A. V. Peterson Company, Portland</td>
<td>$1,608,444</td>
<td>$1,579,579</td>
<td>$28,865(1)</td>
</tr>
<tr>
<td>Mechanical Work - W. D. Claggett Mechanical Contractors, Salem</td>
<td>302,444</td>
<td>294,995</td>
<td>7,449(2)</td>
</tr>
<tr>
<td>Electrical work - Mayer and Ross Electric, Corvallis</td>
<td>135,732</td>
<td>128,870</td>
<td>6,862(3)</td>
</tr>
<tr>
<td>Built-in Furniture - Tech Craft Inc., Tacoma</td>
<td>168,669</td>
<td>166,358</td>
<td>2,311(4)</td>
</tr>
<tr>
<td><strong>Total direct costs</strong></td>
<td>$2,215,289</td>
<td>$2,169,802</td>
<td>$45,487</td>
</tr>
<tr>
<td>Architects' and engineering fees</td>
<td>100,597</td>
<td>95,482</td>
<td>5,115</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>10,148</td>
<td>11,700</td>
<td>(1,552)</td>
</tr>
<tr>
<td>Utility connections and miscellaneous site costs</td>
<td>43,195</td>
<td>25,000</td>
<td>18,195</td>
</tr>
<tr>
<td>Legal and advertising expenses</td>
<td>2,230</td>
<td>4,500</td>
<td>(2,270)</td>
</tr>
<tr>
<td>Movable equipment and furnishings</td>
<td>182,541</td>
<td>182,541</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>110,975</td>
<td>(110,975)</td>
</tr>
<tr>
<td><strong>Total project costs</strong></td>
<td>$2,554,000</td>
<td>$2,600,000</td>
<td>$(46,000)</td>
</tr>
</tbody>
</table>

**Source of Funds**

<table>
<thead>
<tr>
<th>Series 1963 A Bond Borrowings (Par Value $2,600,000)</th>
<th>$2,548,000</th>
<th>$2,350,000</th>
<th>$198,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Fund Balances</td>
<td>6,000</td>
<td>250,000</td>
<td>(244,000)</td>
</tr>
<tr>
<td><strong>Total source of funds</strong></td>
<td>$2,554,000</td>
<td>$2,600,000</td>
<td>$(46,000)</td>
</tr>
</tbody>
</table>

(1) Includes additional acoustical tile, provision for future telephone service in each study-bedroom, modifications of sidewalks, curbs and parking lots, installation of carpeting in elevator lobbies and adjacent corridors, installation of fiber mouldings at juncture of ceiling and walls in all study-bedrooms and other changes incorporated within 30 approved change orders.

(2) Includes provision for steam piping and final connections to dryers in laundry rooms, modifications in parking lot catch-basins and other changes incorporated within 5 approved change orders.

(3) Includes provision for additional electrical metering, additional outlets and light fixtures, extension of television systems and other modifications incorporated within 8 approved change orders.
(4) Includes provision of scribe moulding around all fixed desk shelves, enclosures of pipes under desks and other modifications within 6 approved change orders.

Dormitories No. 7 and 8 were designed by Architects Bear, McNeil, Schneider, Bloodworth & Hawes, Portland. The residence halls are six-story buildings of reinforced concrete lift slab construction with exterior walls featuring precast concrete slabs, reinforced brick and some window wall paneling. Housing will be provided for 742 students who will obtain food services in the cafeteria adjoining Dormitory No. 6. Based upon a gross area of 145,903 square feet, the direct construction costs of $2,215,289 average $15,18 per square foot. The total investment per student for the Jefferson Street Dormitory complex (Dormitories No. 6, 7, and 8 and cafeteria) averages approximately $4,134.

The Board confirmed the acceptance of these dormitories.

Naming of Buildings, OTI:

President Purvine, with the concurrence of the Chancellor, recommended that three buildings on the new Oregon Technical Institute campus be named as follows:

Administration Building

Administration Building - Designate the Administration Building as Snell Hall in memory of Earl Snell, former Governor of Oregon. Governor Snell was instrumental in proposing the establishment of a technical school in the Klamath Falls Marine Barracks to the Emergency Board where it was approved in 1946. He later urged the legislative assembly to provide the initial appropriation for operation. In 1947, Governor Snell was fatally injured in an airplane crash on a flight between Klamath Falls and Adel. The administration building on the original campus was named in his memory several years ago.

Instructional Shops Building

Instructional Shops Building - Designate the Instructional Shops Building as Cornett Hall in memory of Marshall Cornett. As president of the Oregon Senate and state senator, he was one of the strong supporters for establishing Oregon Technical Institute. His great interest in practical training makes this action appropriate. Senator Cornett was killed in the same crash as Governor Snell. The instructional shops building on the old campus was designated as Cornett Hall for several years.

Laboratory Building

Laboratory Building - Designate the laboratory building as Semon Hall in memory of Henry Semon. State Representative Semon was elected from Klamath County for many terms. He was extremely active in the support of founding and continuing of Oregon Technical Institute until his demise. Oregon Technical Institute was one of many statewide projects this legislator sponsored during his long term of service in the Oregon House of Representatives.

The recommendations were made at this time to allow preparation for including official naming exercises in the campus dedication on October 25, 1964.

The Board approved the recommendations as presented.
The federal government has approved a request for an advance of $83,000 to cover the estimated cost of final plan preparation of the Science Building, Second Addition, at the University of Oregon. Authorization to file the application was given by the Board at its April 27-28, 1964, meeting. This building has been assigned the highest priority in the listing of state fund requests for capital construction during the 1965-1967 biennium in the program approved by the Board at the July 27-28, 1964, meeting. If sufficient funds are made available from federal appropriations authorized by the Educational Facilities Act of 1963 or from other sources, it may be possible to begin construction prior to July 1, 1965. The gross area of the project is estimated at approximately 99,558 square feet, and the total project cost is estimated to be $3,095,000, including direct construction costs of about $2,312,000.

With the concurrence of the Chancellor, University of Oregon officials recommended that authorization be given to the Vice Chancellor for Business Affairs to accept the offer of the federal government and to execute an agreement which is similar to the form incorporated as Supplement A to these minutes.

The Board approved the recommendation as presented.

Inasmuch as the federal government has approved the request authorized by the Board at the March 9-10, 1964, meeting for an advance of $55,000 to cover the estimated cost of preliminary plan preparation of the Addition to Teaching Hospital at the University of Oregon Medical School, Dean Baird, with the concurrence of the Chancellor, recommended that the Vice Chancellor for Business Affairs be given authority to accept and execute an agreement which is similar to the form incorporated as Supplement A to these minutes.

The Addition to the Teaching Hospital was included among the projects to be requested of the 1965 Legislature as approved by the Board at its July 27-28 meeting. Based upon prices expected to prevail when bids might be received in 1966, the direct construction costs for this project are estimated at $2,650,000 and the total project costs are expected to be at $3,195,000. The estimated gross area to be provided is approximately 76,088 square feet. The project would add approximately 128 patient beds with some surgery areas and other related spaces.

The Board approved the recommendation as presented.

The previous docket item requests authorization to accept a Housing and Home Finance Agency advance for planning for the Teaching Hospital Addition for the University of Oregon Medical School. Subject to such Board authorization, upon recommendation of the Medical School and with the concurrence of the Chancellor, Architects Edmundson, Kochendoerfer and Kennedy of Portland are being commissioned to prepare the plans and specifications for the Teaching Hospital Addition, including alterations to the existing building. The total professional services fee will be 6.66 percent of the direct construction costs, including 1.50 percent for the preparation of preliminary plans.

The Board accepted the report as presented.
The Chancellor recommended that authority be granted to the Vice Chancellor for Business Affairs to accept such offers as may be extended to the Board by the Housing and Home Finance Agency in response to applications authorized by the Board for interest-free advances to cover the costs of architectural or engineering planning, executing the appropriate agreements required by the federal government the contents of which would be substantially similar to that incorporated in the agreement included as Supplement A to these minutes. A report of the acceptance of such offers would be made to the Board at the meeting following the execution of the agreement.

The Board approved the recommendation as presented.

Oregon State University reported that the Highway Commission desires to purchase an additional strip of land for the purpose of widening the Corvallis-Lebanon Highway in Linn County. Two very narrow parcels are involved, one containing 1.25 acres, the other containing .17 acre. As consideration for the transfer of the two parcels involved the Highway Department will pay to the Board $680 per acre, a total of $1,084, excluding the value of the experimental trees located thereon for which separate payment will be made upon removal. In addition thereto, the Highway Commission will execute a quitclaim deed to any interest it might have in the Thurza Russell property which was recently acquired, pursuant to an agreement between the State Board of Higher Education and the State Game Commission.

President Jensen, with the concurrence of the Chancellor, recommended that the appropriate officers of the Board be authorized to sell to the Oregon State Highway Commission about 1.42 acres of land at the rate of $680 per acre.

The Board approved the recommendation as presented.

An option has been secured from Verlun D. Scholl and Peggy J. Scholl to obtain their property for $7,500, which is in line with the appraisals of the state. The improved property at 2746 Orchard Street, Corvallis, with a land area of 5,500 square feet, is located in Block 27 which is within the campus boundaries and is part of the proposed site for institutional parking in Oregon State University's long-range development plan.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the property with funds to be provided from income which has been received from parking facilities.

The Board approved the recommendation as presented.
A proposed new dormitory is expected to be constructed for Oregon State University in Block 12, Avery & Wells Addition, City of Corvallis, which will be bounded by May Street, 18th Street, A Street, and 19th Street. The architects are now preparing preliminary plans which have not been presented to the Board. An option has been secured from Freland W. and Una L. Whybank to obtain their improved property located in said block at 626 South 18th Street, Corvallis, Oregon, for $10,800, which is in line with the appraisals of the State. The property is within the campus boundaries and involves a total area of approximately 5,000 square feet.

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

The Board approved the recommendation as presented.

A proposed new dormitory is expected to be constructed for Oregon State University in Block 12, Avery & Wells Addition, City of Corvallis, which will be bounded by May Street, 18th Street, A Street, and 19th Street. The architects are now preparing preliminary plans which have not been presented to the Board. An option has been secured from Lincoln F. and Berdena Mitchell to obtain their improved property located in said block at 635 South 19th Street, Corvallis, Oregon, for $6,500 which is in line with the appraisals of the State. The property is within the campus boundaries and involves a total area of approximately 8,000 square feet.

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

The Board approved the recommendation as presented.

An option has been secured from Douglas William and Edna Linnea Glennie to obtain their property for $11,000, which is in line with the appraisals of the State. The improved property at 603 South 19th Street, Corvallis, with a land area of 5,000 square feet, is located in Block 12 which is within the campus boundaries and is the site for a proposed new dormitory for Oregon State University.

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

The Board approved the recommendation as presented.
An option has been obtained to secure the Eagy et al property for $6,100, which is in line with the appraisals of the state. The improved property at 613 South 19th Street, Corvallis, with a land area of 5,000 square feet is located in Block 12, which is within the campus boundaries and is the site for a proposed new dormitory for Oregon State University.

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

The Board approved the recommendation as presented.

On January 27, 1964, the Board adopted a report entitled, "Assumptions, Objectives and Principles for the Long-Range Development Plan, Oregon State University," presented by institutional officials and Architect L. A. DeMonte. Among other matters, it was noted that the planning for the University campus would anticipate enrollment growth to 18,000 students of whom approximately 42 percent would be registered for upper-division work and about 14 percent would be graduate students. Housing accommodations for single students would be provided for about 40 percent of the total enrollment and would be located in three major clusters having peripheral relationships to the central academic core—within ten minutes' walking time of the center. Many other planning principles were outlined with respect to library facilities, physical education and recreation areas, pedestrian and vehicular traffic patterns, parking, building densities, building heights, demolition of temporary structures and of buildings which have become obsolete and cannot be remodeled economically or where abnormal fire hazards exist, cooperation with other public and civic bodies (such as the City of Corvallis), and related topics of concern to the Board and the institution in the development of a final detailed report which would reflect the recommendations of the consultant in the "master campus plan" for Oregon State University.

Copies of the "Oregon State University Long Range Development Plan," prepared under date of June 1964 by L. A. DeMonte and A. R. Wagner, university planning consultants, were distributed to members of the Board with the docket for the September meeting. Mr. DeMonte and officials of the institution will make a presentation of their recommendations including a proposal to modify the campus boundaries to include three additional areas and to exclude a tract north of Philomath Road, west and south of Oak Creek and east of a line which is parallel to and 200 feet east of 30th Street. The new areas to be incorporated within the campus boundaries may be described as follows:

a. South half of the blocks on the north side of Orchard Street from 27th to 30th Streets.

b. Property east of 11th Street, bounded by Washington Street on the north, the Southern Pacific Railway on the south, and approximately 150 feet west of 9th Street (abutting property of an existing industrial warehouse).

c. Three blocks bounded by A Street, 15th Street, Western Avenue and 18th Street.
It is estimated that the value of these three areas is approximately $617,350 and that the offset for the area recommended for removal from the campus boundaries would be about $250,000, leaving a net increase of approximately $367,350 for the various revisions being proposed at this time.

Currently, the area within the campus boundaries between 35th Street on the west and the eastern edge of the boundary, exclusive of the railroad right-of-way and the Philomath Road is 436.30 acres. The above recommendations would change the acreage as follows:

<table>
<thead>
<tr>
<th>Add:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>North side of Orchard Street</td>
<td>2.33 acres</td>
</tr>
<tr>
<td>Three blocks at South 15th Street</td>
<td>4.00 acres</td>
</tr>
<tr>
<td>Urban Renewal Addition</td>
<td>0.25 acres</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>6.58</strong></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Less:</th>
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<tbody>
<tr>
<td>Elimination of property north of Philomath Road and west of Oak Creek</td>
<td>4.02 acres</td>
</tr>
<tr>
<td><strong>Net Addition</strong></td>
<td><strong>2.56 acres</strong></td>
</tr>
</tbody>
</table>

Exclusive of railroad right-of-way and the Philomath Road, the proposed additions and deletions would bring the total area of the Oregon State University campus to 438.86 acres.

Tentative projections of building space requirements for an enrollment of 18,000 students total 4,724,000 square feet for nonresidential functions (instruction and research, student and faculty services, administration and support, and intercollegiate athletics) and 1,893,000 square feet for student housing, or a grand total of 6,617,000 square feet. Assuming that 644,000 square feet of existing space would be removed, thus retaining the remaining 3,489,000 square feet of present facilities, new construction of 3,128,000 square feet of building area would need to be programmed. In general, these projections have been based upon space standards and utilization rates in use by the University of California and the California state colleges, which may or may not correspond with the building planning standards applicable to the institutions of the Oregon State System of Higher Education. However, for the purposes of this study (schematic long-range planning), the data appear to be satisfactory. (The Board was not asked to adopt new standards at the September meeting.)

Only minor modifications have been made subsequent to the approval of the "Assumptions, Objectives and Principles for the Long-Range Development Plan, Oregon State University," in January 1964. The distribution of students has been revised slightly, suggesting that when the institution enrolls 18,000 students, 12 percent will be in graduate training, 40 percent will be in upper-division, and 48 percent will be in lower-division work. It is estimated that about 70 acres of land will be required for surface parking of 8,300 automobiles--6,300 for commuting students, staff and campus visitors, and 2,000 for resident students. The concept of a central core for the academic functions has been emphasized by the recommendation to limit and re-route vehicular traffic through the campus and to develop landscaped vistas and malls, preserving large open spaces.
Building densities would not exceed 15 percent of total land areas. Building heights within the central campus area would average no more than four floors, including basements, with individual buildings not to exceed eight floors, as a rule. Giving effect to detailed studies of student registrations, by courses, the locations of future buildings have been sited in appropriate groupings around the Library and Memorial Union which retain their central, dominant positions. Some existing structures, such as Agriculture, Education, Fairbanks (formerly Kidder), Apperson and Waldo Hall would be replaced.

With the concurrence of the Chancellor, President Jensen recommended that the "Oregon State University Long-Range Development Plan" prepared by L. A. DeMonte and A. R. Wagner, university planning consultants, under date of June 1964, be approved in principle as a guide to the future physical development of the Oregon State University campus, and that its printing and public distribution be authorized. It was also recommended that the campus boundaries be modified to reflect the adjustments outlined above.

The discussion which followed Mr. DeMonte's presentation centered primarily on the adequacy of the proposed campus boundaries and provisions and policies regarding campus traffic and parking.

Mr. DeMonte and Oregon State University officials explained that although the proposed campus plan was based on an enrollment of 18,000 students, the area contained within the boundaries would support a student body of 25,000 by increasing the density of academic and service buildings and by adding areas for student housing.

In his presentation, Mr. DeMonte had explained that parking for all resident and some commuter students as well as for spectators at sports events would be programmed for peripheral areas with easy access from city streets. Faculty, staff and the major portion of commuter students would be programmed to areas within the campus boundaries served by a loop road controlled by two check stations which would also serve as information centers for campus visitors. The loop serving the on-campus parking areas would be planned for minimum conflict with pedestrian traffic and would also serve bicycle traffic until other provisions are incorporated into the plans.

Because of the large areas of high-cost land now being used for student parking and the additional space that will be needed as enrollments increase, it was the consensus of the Board that there should be a state-wide study on policies regarding students bringing cars to the campus and charges made for registering and parking their cars.

Dean Popovich explained that Oregon State University officials were not asking the Board to adopt the new standards at this time but that they were asking that the proposals be approved in principle. He added that at some time in the future, the Oregon State University Campus Development Committee would like the Board to consider the extension of its standards to include research and other areas not now included in the policy statement.
The Board, as recommended by Oregon State University officials and the Chancellor, adopted the report with the understanding that it was approving the report in principle as a guide for future physical development of the Oregon State University campus, authorizing the printing and distribution of the report prepared by Mr. DeMonte, and modifying the campus boundaries to reflect the adjustments outlined in the above report.

The Chancellor has reported that Mr. Richard L. Soderberg, Urban Renewal Planning Consultant of Eugene, was engaged to study the feasibility of the formulating of an urban renewal project within the land area expected to be utilized for the development of Portland State College.

The main advantage of an urban renewal project to the state and the college would be to effect substantial savings to state taxpayers in the cost of acquiring real property for expansion. Benefits would accrue to the federal government, the City of Portland, and property owners as follows:

1. Substantial improvements would be made to sewers, utility lines, traffic signals, sidewalks, and landscaping;

2. Provision would be made for relocation payments to businesses, individuals, and families who may be required to move from the area;

3. The renewal program, which involves real properties now being used for diversified purposes, many of which do not meet current urban planning standards, would provide for a redevelopment of the area in conformity with a well-designed long-term architectural program;

4. In accordance with national policy, a substantial part of the cost of the development of the program would be provided by the federal government.

The consultant has advised that it appears feasible to develop an urban renewal program for the college. The land area to be included would be that encompassed within the approved expansion area of the college as approved by the Board at its meeting of January 22, 1963. The college has advised that the projected gross area of land to be devoted to college purposes approximates 29.75 acres consisting of 22.75 acres presently available for building sites and about 7 acres of street area. Of the 22.75 acres now available for building sites, the Board owns about 7.4 acres, or approximately one-third.

The estimated fair market value of the property to be acquired and the estimated cost of preparing the land for future building sites total $11,549,591. It is further estimated that the amount of state funds which would be required to consummate the urban renewal program would approximate $6,631,301, thereby saving the state the difference of $4,918,290. The Board's funds would probably not be sought until the time of the 1967 Legislative session.
President Millar, with the concurrence of the Chancellor, recommended that the Board approve the urban renewal project in principle. It was further recommended that appropriate Board officers be authorized to arrange for the preparation and submission of a survey and planning application and such information and documents as may be required to the City of Portland officials and others, and that $2,000 be made available from the Board's unrestricted unappropriated funds for consultant fees and costs relating to the filing of an application and other materials.

The Board approved the recommendations as presented. It was understood that approval would not obligate the Board beyond the $2,000 for consultant fees. In the event the area qualifies under the Urban Renewal Act and the Board proceeds with the acquisition program, funds for the acquisition will be incorporated in the cost of projects to be located in the area. In the discussion it was noted that the federal government does not attempt to regulate the project in urban renewal areas except to ascertain that the proposed construction conforms to the laws in the city where the program is being undertaken.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to appropriate Board officers to offer for sale, accept the successful bid, and execute the necessary documents for the residence formerly occupied by President A. L. Strand at 125 North 30th Street, Corvallis, Oregon. It is intended that bids will be received on October 6, 1964, with a stipulated minimum price of $20,175. Terms of the sale are to be for cash within 30 days of notice of acceptance of the high bid.

The Board approved the recommendation as presented.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Nordyke property located within the campus boundaries at 616 South Nineteenth Street, Corvallis, Oregon. The property consists of a lot totaling approximately 5,000 square feet on which is located a two-story frame building containing three apartments. An option has been obtained in the amount of $13,000, which is in line with appraisals secured by the Board. The property is in the area designated for dormitory development and parking facilities, and funds are to be provided from proceeds of bonds which were sold to finance capital outlay for dormitories and other similar projects.

The Board approved the recommendation as presented.

At the April 23, 1963, meeting, the Board approved the East Campus Urban Renewal Program at the University of Oregon, involving the commitment of approximately $89,173 for the purchase of and improvements to certain lands within the approved campus boundaries of the institution, after existing buildings were removed and various site improvements were made by the Urban Renewal Agency. The $89,173 consists of $48,000 for land and $41,173 for demolition and site improvements. Funds were reserved for these purposes and the appropriate Board officials were authorized to enter into the necessary agreements and to take such action as required for the completion of the project.
Report was made to the Board at the June 1964 meeting of the transfer of title to the first portion of land for $10,300, financed from Series A bond borrowings.

The second portion of this land consists of three parcels located north of 13th Avenue and west of Agate Street, containing approximately 41,253 square feet. It has been made available to the Board by the Urban Renewal Agency of the City of Eugene for $15,100, pursuant to resolutions adopted June 11, 1964, and August 13, 1964. The property is in the area proposed for a future Science Building Addition and for a new Administration Building.

Based upon the recommendation of President Flemming, in which the Chancellor concurred, arrangements are being made for the purchase of this property from the Urban Renewal Agency, free and clear of all encumbrances upon payment of $15,100. Funds have been provided from the 1961 state appropriation for capital outlay purposes and have been released by the State Emergency Board.

The Board accepted the report.

Report of Acquisition of the McCann Property, PSC

At its meeting of April 27-28, 1964, the Board authorized the acquisition for Portland State College of the McCann property located at 1915 S.W. Tenth Street and 1006-1018 S.W. Hall Street, needed as part of the site for the Physical Education Building. Pursuant to the final decree of the Circuit Court of Multnomah County dated August 27, 1964, the property was acquired for $108,000 plus costs and attorney's fees. Funds are to be provided from the appropriation for acquisition of the sites and construction of the Physical Education Building.

The Board accepted the report as presented.

Report of Acquisition of Boller Property, PSC

At its meeting of October 28-29, 1963, the Board authorized the condemnation of the Boller property located at 929 S.W. College and 1934 S.W. Tenth Avenue, Portland, Oregon, needed as part of the site for the Portland State College Physical Education Building. In consultation with the Executive Committee of the Board, the property has been acquired for $26,000. Funds are to be provided from the appropriation for the acquisition of sites and construction of the Physical Education Building.

The Board accepted the report as presented.

Appointment of Architect for Britt Student Center Addition, SOC

The tentative capital construction program for 1965-1967, as approved by the Board at the July 1964 meeting, includes $370,000 for the proposed construction of an addition to the Britt Student Center at Southern Oregon College.

Upon the recommendation of President Stevenson, Architect Robert J. Keeney of Medford has been commissioned to prepare the plans and specifications for this project at a fee of 5.75 percent, covering all architectural and engineering services. Funds for the preliminary planning are available to the institution from restricted fund balances.

The Board confirmed the appointment of the architect.
Upon the recommendation of Oregon State University officials, Architects Jeppsen & Miller of Corvallis have been commissioned to prepare plans and specifications for the replacement of the swine barn which is to be financed from funds appropriated by the 1963 Legislature for agricultural research buildings. Tentatively, it is expected that this structure will be located on a knoll south of Oak Creek, approximately one-half mile west of the present site, which is near Thirty-Fifth and Campus Way. The estimated direct construction cost is approximately $75,000. Since the preliminary planning will be accomplished by the architects in cooperation with staff members in the Departments of Animal Sciences and Agricultural Engineering, the fee arrangements with the architects contemplate payment on an hourly basis with the understanding that the total cost for design and construction supervision shall not exceed $4,500.

The Board confirmed the appointment of the architect.

At the July 1964 meeting, University of Oregon officials and Engineers J. Donald Kroeker & Associates presented a report recommending the construction of central cooling facilities in the central heating and power plant at the University of Oregon. It was indicated that such a program would be more economical over a period of years, than to install individual air conditioning units within each building to be air conditioned in the future, although a larger initial capital outlay would be required.

Upon the recommendation of President Flemming, Engineers J. Donald Kroeker & Associates have been commissioned to prepare preliminary plans and cost estimates for the first phase of central cooling facilities at the University of Oregon which would be expected to provide sufficient capacity for cooling the Erb Memorial Union Building, the new Student Health Service Building, the proposed addition to the Library, and the proposed Science Building, Second Addition. Tentatively, it is expected that the cost thereof would approximate $385,000 which would be financed from a combination of state funds and self-liquidating bond borrowings or other restricted fund balances. When the preliminary plans have been completed and more refined cost estimates are available, it is expected that a recommendation will be presented for action by the Board. The professional services fee is 5 percent of the direct construction costs including 1.0 percent for preliminary plans. Funds for the planning will be provided from the construction accounts of the Erb Student Union Building Addition.

The Board confirmed the appointment of the engineers.

University of Oregon officials and Architects Hamlin and Martin have filed with the Board's Office the final plans and specifications for the proposed Addition and Alterations to the Library Building. These plans follow very closely the preliminary plans for which a report of acceptance was made to the Board in October 1962 and the basic studies which the Board reviewed and approved on June 12, 1962. The gross area of space to be provided is approximately 105,650 square feet or 730 square feet more than had been reported when the preliminary plans were accepted. The additional area is due principally to increased space requirements for mechanical equipment. The new addition will provide 68,397 square feet
of assignable space for stacks and reader stations and 12,657 square feet of service and administration space. One classroom containing 31 student stations and a small amount of special purpose space will be provided also.

In view of the need for additional office space, a bid alternate is included to provide 56 temporary offices which would accommodate approximately 142 graduate students. If satisfactory bids are received and these office spaces are constructed, it would be expected that they would be utilized until the demands for additional library stack and reader space required their conversion to such use.

Based upon the completed working drawings, the estimated direct construction costs total $1,888,950, including air cooling of the new space and a portion of the existing building, and including also construction of the temporary offices. Although the maximum expenditure limitation imposed by Chapter 548, Oregon Laws 1963 is $2,330,000, by reducing the contingency fund from 5 percent to 2 percent of the direct construction costs, a "target" budget is established at $2,273,330. This amount would include professional services fees, construction supervision, movable furnishings and equipment, and miscellaneous expenses. Because of increased costs estimated for direct construction contracts, it has been necessary to reduce the amount budgeted for equipment by approximately $100,000, or about one-third of the original budget for such items.

The underground vault to house the mechanical equipment for cooling will be bid as an alternate. Whether this alternate would be exercised would be dependent upon the decision at a later time as to whether to construct a central cooling system at the central heating and power plant, or to install cooling equipment within the library directly.

With the concurrence of the Chancellor, University of Oregon officials recommended that the final plans and specifications for the proposed Addition and Alterations to the Library Building at the University of Oregon be accepted and that the appropriate Board officials be authorized to solicit bids, award contracts and approve a construction budget within a total of approximately $2,273,330. To fulfill the requirements of the federal government, which made an interest-free advance to cover the cost of preparing final plans and specifications, it was recommended that the following resolution be approved by roll call vote.

RESOLUTION APPROVING THE COMPLETED FINAL PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE LIBRARY BUILDING FIRST ADDITION AND ALTERATIONS, UNIVERSITY OF OREGON, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of the University of Oregon accepted an offer from the United States Government for an advance for final plan preparation of a public work described as a Library Building, First Addition & Alterations, University of Oregon, Eugene, Oregon; and
WHEREAS, Hamlin and Martin, Architects, were engaged to prepare the final planning report for the aforesaid public work, and said architects have completed the report and submitted it for approval; and

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Hamlin & Martin as the basis for detailed planning and construction of the Library Building, First Addition & Alterations, University of Oregon, in connection with Housing and Home Finance Agency Project No. F-ORE-3167 be and the same is here-by approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the final planning report.

Upon motion by Director Joss and second by Director Purvine, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, Merrifield, Purvine, Snider, and Yasui.

Those voting no: None.

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

Oregon State University officials and Architect Herman Brookman have filed with the Board's Office the final plans and specifications for the proposed Addition and Alterations to the Pharmacy Building, which are in substantial agreement with the preliminary plans approved by the Board on July 24, 1962. Giving effect to the increased area required for mechanical equipment, including air conditioning as authorized by the Board on December 11, 1962, the gross area of the new addition will be approximately 17,350 square feet. The project will also include remodeling of most of the existing area of 21,780 square feet.

Based upon the architect's estimate, the total project budget of $690,000 includes approximately $601,107 for direct construction, including fixed equipment within the addition and in the remodeled area. These amounts exclude the estimate of $24,000 for air conditioning equipment, which will be bid as an alternate.

The proposed five-story addition is to be constructed of brick veneer over a reinforced concrete structure. Aluminum sash, fluorescent lighting and vinyl asbestos floor covering will be provided in most areas of the new wing. Steam heating will be provided from the campus central heating plant.
Facilities to be provided include a number of classrooms, laboratories, and offices for the School of Pharmacy, as well as the related service spaces and an animal room which will be completely air conditioned.

Tentatively, it is anticipated that funds will be available for the construction of this project from Series 1964 General Obligation Bond Borrowings except for federal grant funds of approximately $103,508. Bids for construction are expected to be solicited later in 1964 following the receipt of bids for other projects which have higher priority in the approved capital construction program for 1963-1965.

With the concurrence of the Chancellor, Oregon State University officials recommended that the final plans and specifications for the proposed Addition and Alterations to the Pharmacy Building at Oregon State University be accepted and that the appropriate Board officials be authorized to solicit bids, award contracts, and approve a construction budget within the total of $690,000. To fulfill the requirements of the federal government, which made an interest-free advance to cover the cost of preparing final plans and specifications, it was recommended that the following resolution be approved by roll call vote:

RESOLUTION APPROVING THE COMPLETED FINAL PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA, FOR THE PHARMACY BUILDING ADDITION AND ALTERATIONS, OREGON STATE UNIVERSITY, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES AS AMENDED

WHEREAS, the Oregon State Board of Higher Education, on behalf of Oregon State University accepted an offer from the United States Government for an advance for final plan preparation of a public work described as a Pharmacy Building Addition and Alterations, Oregon State University, Corvallis, Oregon; and

WHEREAS, Herman Brookman, Architect, was engaged to prepare a final planning report for the aforesaid public work, and said architect has completed the report and submitted it for approval; and

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Herman Brookman as the basis of detailed planning and construction of the Pharmacy Building Addition and Alterations, Oregon State University, in connection with Housing and Home Finance Agency Project No. P-ORE-3168 be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the final planning report.
Upon motion by Director Joss and second by Director Purvine, the Board approved the recommendations presented, and the above resolution was adopted with the following voting in favor of adoption: Directors Forrester, Johnson, Joss, Merrifield, Purvine, Snider and Yasui.

Those voting no: None.

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

Report of Bids On January 27, 1964, the Board authorized the appointment of Architects Lutes & Amundson for the preparation of plans and specifications for the initial unit of a crew house expected to be constructed on part of the Nellie J. Beach farm for use in the physical education program of Oregon State University. Authorization was granted to the appropriate Board officials to approve the plans, solicit bids and award a construction contract within a budget total of approximately $28,000. It was indicated that the funds would be provided from the sum of $32,000 received from the State Highway Department for land and buildings needed for the right-of-way for the construction of a new bridge across the Willamette River at Corvallis.

The plans and specifications for the rowing crew facilities, as prepared by the architects and approved by the Board's Office, reflect a one-story concrete and concrete block structure containing an enclosed area of 1,500 square feet and including a shower room, toilet room, drying room (for wet clothing) and heater. It was estimated that the direct construction costs, excluding site improvements, would be approximately $23,630. However, the five bids received on August 25, 1964, ranged from a low of $25,618 to a high of $27,755. Recognizing the requirements for professional services fees, contingencies and supervision, the minimum budget requirements for the project total $30,500.

With the concurrence of the Chancellor, President Jensen recommended that the appropriate Board officials be authorized to award a contract for the construction of the initial unit of the rowing crew facilities at Oregon State University to the low bidder, John Carrick & Son, Albany, and that the funds required for the project, in excess of the amount allocated from the recent sale of property to the State Highway Commission, be taken from balances available in the operating account of the Nellie J. Beach farm.

The Board approved the recommendations as presented.
Meeting #330

Bids for the construction of the proposed radioactive isotopes laboratory building for Oregon Technical Institute were received in Portland on August 18, 1964, at the offices of Architects Skidmore, Owings & Merrill. In spite of efforts to attract the interest of several additional contractors in this project, including the deferral of the bid opening from the August 7 date reported to the Board at the July meeting, contract proposals were received from only two firms. One of the bids was in the amount of $89,302 and the other was for $93,810. Both figures were substantially in excess of the budget allowance.

Upon the recommendation of President Purvine, the bids for the radioactive isotopes laboratory building were rejected by the Board's Office. Pending the determination of other costs of completing the minimum landscaping work, roads, walks and utility services, reported in another agenda item, action concerning the possible rebidding of this minor instructional building is being deferred.

The Board accepted the report as presented.

Report of Bids & Contract Award for Landscaping; Procedures for Accomplishing Other Site Work, OTI

Pursuant to authorization granted by the Board at the July 1964 meeting, bids were solicited on August 7, 1964, for landscaping, roads, walks and other minimum site work for the new campus of Oregon Technical Institute. Two contractors submitted proposals for the landscaping project, which included an underground irrigation system, trees and lawn plantings within the central core of the campus. These bids were in the amounts of $96,532 and $168,819. Inasmuch as the low bid from Baker's Landscape Nursery, Klamath Falls, was within the estimates of Architects Skidmore, Owings and Merrill, a contract award was made upon the recommendation of President Purvine.

In the absence of bid interest by contractors in the paving and other site work required before the campus could be utilized in the fall term 1964, arrangements were made with construction contractors on the job at Oregon Technical Institute to undertake this additional work by change order authorization for only the most essential portions of the work. If sufficient funds are determined to be available when the final accounting of the campus development has been accomplished, additional site work may be undertaken later in accordance with the plans and specifications previously approved.

The Board confirmed the contract award and accepted the report as presented.

Report of Bids for Central Heating Plant Boiler, UOMS

The capital construction program for 1963-1965 includes the addition of a boiler in the Central Heating Plant at the University of Oregon Medical School which would increase the total plant capacity from 75,000 to approximately 115,000 pounds of steam per hour. The preliminary plans for the project, prepared by Engineers J. Donald Kroecker & Associates, were approved by the Board on September 11, 1962.
Inasmuch as the final plans and specifications were in agreement with the approved preliminaries, they were accepted by the Board's Office and bids were solicited in Portland on September 10, 1964, 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>Boiler Work</td>
<td>2</td>
<td>$54,110</td>
<td>$59,389</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>$9,282</td>
<td>$17,650</td>
</tr>
</tbody>
</table>

A bid of $68,810 for the combination of the boiler and mechanical work was also received, but this amount exceeded the sum of the lowest separate bids.

Following the opening of bids, the low bidder for the boiler work, Albina Engine and Machine Works, discovered an error in its quotation of $54,110 and formally requested the withdrawal of the bid without penalty. It was the recommendation of the consulting engineer and the Board's staff that this request be granted and that the award for the boiler work be made to the other bidder. The project budget would include the following:

**Project Costs**

Direct construction:
- Mechanical Work - Copenhagen, Inc., Portland: $9,282
- Total Direct Construction Costs: $68,671

Engineering Fees: $3,434

Physical Plant Costs, including construction supervision: $4,407

Contingencies (2% of direct construction costs): $1,373

**Total Project Costs:** $77,885

**Sources of Funds**

- UOMS unrestricted funds (for preliminary planning fees in 1962): $635
- State appropriation (Chapter 548, Oregon Laws 1963): $2,250
- Series 1964 bond borrowings: $75,000

**Total sources of funds:** $77,885

With the concurrence of the Chancellor, Dean Baird recommended that the appropriate Board officials be authorized to award construction contracts and approve the budget totaling $77,885 for the Central Heating Plant Boiler at the University of Oregon Medical School.

The Board approved the recommendation as presented.

A. M. Rempel

Mr. Forrester introduced Dr. A. M. Rempel, President of Eastern Oregon College, and welcomed him to the meeting.
Mr. John W. Alltucker, representing the Sand and Gravel and Concrete products industries in Oregon, and Mr. Byron Jones, Field Representative for the State of Oregon for the Portland Cement Association, appeared before the Board to discuss the uses of these products as building materials.

Mr. Alltucker described the concrete industry in Oregon and the advantages and properties of concrete which made it a desirable building material. He stated that concrete is a versatile, durable, safe, economical, and beautiful product that would sometimes do the job better than it could be done in any other way. In summary, Mr. Alltucker asked the Board to instruct each of its architects and engineers, other things being equal, to use Oregon products, and also that concrete be evaluated fairly in comparison with other building materials.

Mr. Jones discussed some of the newer developments in concrete construction, including the concrete shell, prestressed concrete and the textures and finishes which are possible with concrete. He concluded by presenting a number of slides showing the uses of some of these developments in the concrete industry.

The meeting was recessed at 11:50 A.M., September 14, 1964, and was reconvened at 9:00 A.M., September 15, 1964, with the following Board members present:

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

Mr. Merrifield was absent for business reasons.

The Chancellor has reported that in the process of collection of delinquent student loans it frequently becomes necessary to take action or initiate legal proceedings against the guarantor or co-signer of the note. When a co-signer or guarantor pays in full the promissory note or a Judgment is entered against a co-signer or guarantor of a student loan note and the State Board of Higher Education is paid in full, it becomes necessary to assign the note or the Judgment to the guarantor or co-signer who satisfied the note or Judgment so that the guarantor or co-signer may enforce his claim against the student borrower.

It was, therefore, recommended by the Chancellor that there be added to the Administrative Code a new section, numbered D-31-A, to read as follows:

"In all instances where the State Board of Higher Education or any of its institutions or departments effect collection of a delinquent student loan note from the guarantor or co-signer thereof, the Vice Chancellor for Business Affairs is hereby authorized to execute an Assignment of the note or Judgment after action to collect to the co-signer or guarantor of the note."

The Board approved the recommendation as presented.
At its meeting of June 14, 1949, the Board accepted a bequest from the estate of Mrs. Gertrude F. Collins as an endowment, the income therefrom to be used for the benefit of students from Columbia County. Included in the bequest was an unimproved lot measuring approximately 34 feet by 54 feet on N.E. Holman Street between N.E. Sixteenth and N.E. Eighteenth Avenues in Portland, Oregon.

The size of the lot is such that the property is unsalable, except to adjoining property owners. Oregon State University has sought and obtained, from the City of Portland, vacation of a portion of N.E. Seventeenth Avenue abutting the property, subject to a Consent to Vacation. As a result, a strip of land approximately 25 feet by 54 feet accrues to the property.

Mr. and Mrs. Gurtina, owners of property abutting the vacated street on the west, have executed a deed to a similar strip of land, approximately 25 feet by 54 feet, accruing to their benefit as a result of the street vacation, as a gift to Oregon State University.

President Jensen, recommended with the concurrence of the Chancellor, that authorization be given to appropriate Board officers to execute the necessary documents in connection with the street vacation and accept the gift of property, both acquisitions to be added to the original parcel received from the Gertrude F. Collins estate. The resulting parcel of land approximating 54 feet by 84 feet will be appraised and offered for public sale.

The Board approved the recommendation as presented.

At its regular meeting on September 10, 1963, the Board authorized foreclosure of the Shearer mortgage which was assigned to the State of Oregon for the benefit of the Medical School by the executor of the estate of Sarah F. York, deceased, which mortgage was secured by the property at 121 S.E. 79th Street, Portland, and the legal description of which is:

Lots 10 and 11, Block 7, MOUNT TABOR VILLA ANNEX, in the City of Portland, County of Multnomah, State of Oregon.

In lieu of the foreclosure, the Shearers deeded the property to the State Board of Higher Education.

The Medical School has advertised the property for sale for a minimum price of $4,600, reflecting an independent appraisal furnished to it. A bid was submitted by David W. Salholm and Carolyn G. Salholm, husband and wife, in the amount of $4,605.

Dean Baird, with the concurrence of the Chancellor, recommended that the appropriate officers of the Board be authorized to execute a Bargain and Sale Deed in favor of David W. Salholm and Carolyn G. Salholm, husband and wife, to be delivered to them upon payment of the full purchase price.

The Board approved the recommendation as presented.
The proposed operating budget of the Board of Higher Education for the 1965-1967 biennium has been prepared by the staff of the Board's Office, assisted by the staffs of the institutions, in accordance with the budget plan approved by the Finance Committee of the Board of Higher Education on June 24, 1964, and in accordance with instructions issued to all state agencies by the Governor and the State Department of Finance and Administration. The formulation of the biennial budget has also been influenced by fundamental policy actions and procedures of the Board of Higher Education and its staffs as follows:

1. The Board has adopted long-term guidelines for the State System of Higher Education and for each institution in the System. The guidelines outline the present role and scope of the State System and of each of the individual institutions and point out the direction in which the institutions are expected to develop in the future.

2. The Board has established admission policies for the institutions in the Oregon State System of Higher Education. As described in the report of July 27-28 on the Board's capital construction program for the six-year period, 1965-1971, the basic admission policies, for the six multi-purpose institutions shall be a "C" average for resident entering freshmen with the qualification that a 2.25 GPA will be required for resident freshmen entering the fall term 1964 at the University of Oregon, Oregon State University and Portland State College; and the nonresident requirement for entering freshmen shall be 2.75. In each case, equivalencies may be established on the basis of performance on appropriate test scores. Admission requirements at the special purpose institutions (Oregon Technical Institute, the University of Oregon Medical School and the University of Oregon Dental School) vary according to the requirements at each institution.

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

3. The State System, in cooperation with the State Department of Education and the independent colleges and universities of the state, has prepared both short-term and long-term enrollment projections, taking into account the growth of Oregon's college-age population, the increases in numbers of high school graduates, the expected development of Oregon's newly established system of community colleges and the expected growth and development of Oregon's independent universities and colleges.

4. The Board of Higher Education has engaged in continuing study of current developments and needed future developments which affect the operating budget, including the guidelines of the
institutions, curricular recommendations, admissions policies, enrollment projections, building use and capital construction needs, staff personnel matters, business and financial matters, administration of gifts, grants and contracts and other phases of organization and operation of the institutions in the State System. During the past twelve months the Board has held eight regular two-day meetings, and five special meetings, plus eight study meetings of the Board's three committees. During the year the Board, or its committees, has devoted 29 days to business sessions or to special study sessions.

5. The Chancellor and his staff have held 15 meetings during the past year with the executive officers of the institutions and their staffs. Also, there have been numerous sessions of special interinstitutional committees. In these meetings study and discussion have been devoted to all phases of the operations, aims and purposes of the institutions, all of which affect the operating budget.

At a study session held on June 24, 1964, the Finance Committee, with other Board members present, considered a biennial budget plan which had been formulated by the Board's Office in consultation with the executive officers of the institutions. Since that time, the proposed biennial budget has been completed in accordance with the budget plan reviewed by the Finance Committee and with instructions issued to all state departments by the Governor through the State Department of Finance and Administration. The 1965-1967 biennial budget is now presented for final consideration by the Board.

The budget has been compiled in two major categories in accordance with instructions received from the Governor and the State Department of Finance and Administration. The "A" budget includes the estimated amounts necessary for continuation of the existing authorized level of service, and provides for the student workload increases. The "B" budget includes proposed increases needed for partial removal of present deficiencies, and for urgently needed additions to present programs, and for selected new programs. It is understood that the Governor's 1965-1967 budget for the State of Oregon, to be presented to the 1965 Legislature, may include items from both the "A" requests and the "B" requests, merged into a single recommended budget for each state agency.

The increases in state appropriated funds requested for the biennium 1965-1967 are directly affected by two principal factors as follows:

(1) **An expected substantial increase in the work load, measured by full-time equivalent student enrollments.** The student enrollments, conservatively estimated for the next biennium, will be 17 percent greater than the enrollments for the current biennium. At the time the biennial budget requests are considered by the 1965 Legislature, the campus enrollments on the head-count basis will have increased from 14,816 in the fall of 1954 to 36,424 in the fall of 1964, if this fall's enrollment estimates are realized. This represents an increase during ten years of 21,608 students, or 146 percent.
(2) The reductions in state appropriated funds for operating purposes following the October 15, 1963, vote of the people. The initial reductions in state appropriated operating funds, following the November 1963 special session of the Legislature, aggregated $8,270,583, including salary adjustment funds. Of these reductions $3,307,056 was restored to the Higher Education operating budget, by actions of the State Emergency Board on May 29 and June 12, 1964. The restoration of state funds was principally for the purpose of avoiding substantial increases in student fee rates for the 1964 summer session and the academic year 1964-65. After the restorations there remains a reduction in state appropriated operating funds of $4,963,527 originally approved for Higher Education by the 1963 Legislature. The budget reductions of $4,963,527 during the current biennium included the funds approved by the 1963 Legislature for costs of caring for increased enrollments during year 1964-65, the second year of the biennium. The loss of funds for year 1964-65 included the amounts originally provided for additional teaching staff and other staff, for teaching supplies and equipment, library books, and operating supplies and expenses, all of which were budgeted to care for increases in enrollments. One result of these substantial reductions in state operating funds is the necessity to request larger increases for biennium 1965-1967, in order to bring the institutions nearer to the level of service contemplated in the budget approved by the 1963 Legislature during its regular session.

In his letter sent to all state departments regarding the biennial budget, following the May 15 election on the higher education building bonds, the Governor included the following: "The needs of education hold a recognizable priority as investments in Oregon's future. Opportunities for post high school education must be made available at a tuition cost within the capacity of most of the citizens of Oregon." The Governor added, however, "It must be recognized that there can be no room in any state program for any element of cost which is not absolutely essential to the maintenance of services in those areas of most direct impact on the health, safety and welfare of Oregon's people."

Although the need for all of the budget additions originally recommended by the institutional executives was recognized, it was recommended, in view of the Governor's budget statement, that the items and amounts to be included in the Board's biennial budget be limited to those listed in the statements which appear in the following pages of this report. The reductions made in the institutional requests during the preparation of the detailed biennial budgets aggregate $3,604,852 as follows:
Requests for partial removal of present deficiencies
(added teaching staff, library staff and other service staff, and additions requested for library books, teaching supplies and equipment, physical plant operation and maintenance, travel, and other operating needs)

Requests for additions to present programs (improvement of programs for marginal students, expansion of instructional programs, honors programs, planning and institutional research, audio-visual services, educational media, continuation centers and teaching research.)

Requests for new programs (new teaching programs, museum publication, equipment for educational media, study of community needs for continuing education programs, educational opportunities for adult women, establishment of a small business institute and other public services.)

Total reductions in original biennial budget requests from the institutions

Biennial Request for Instruction, Research, and General Services

The proposed "A" budget for Instruction, Related Research and General Services calls for a biennial state appropriation of $74,069,934. This compares with $61,737,132 originally appropriated for the present biennium, and with $58,493,640 after reductions of $3,243,492 during the 1963 Special Session.

The state funds budget is supplemented by estimated income from student fees and other nonstate sources in the "A" budget in the amount of $27,282,789, bringing the proposed expenditures from all funds for campus instruction, related research and general services in the "A" budget to $101,352,723 during the biennium, or an average of $50,676,361 per year. The income from nonstate sources represents 26.9 percent of the total proposed budget. The 1965-1967 state appropriation as requested represents an increase of $12,332,802 or 20.0 percent over the original 1963-1965 appropriation or 26.6 percent over the appropriation as reduced. The increase requested over the present reduced state appropriation, exclusive of the pay scale increments and other items which are not related to enrollments, is 19.7 percent. The proposed total "A" budget from all funds represents an increase of 16.1 percent over the present annual operating level. It should be kept in mind that the amount of the proposed budget covers all operating costs for the University of Oregon, University of Oregon Medical School, University of Oregon Dental School, Oregon State University, Portland State College, Oregon College of Education, Southern Oregon College, Eastern Oregon College, Oregon Technical Institute, and the state-wide continuing education program.
The principal increase requested for Instruction, Related Research and General Services is for teaching staff to care for expected increases in student enrollments during the academic years 1965-66 and 1966-67. Because of the reductions in state funds during the current biennium, the composite student-teacher ratio for six institutions changed from 17.0 in the budget originally approved by the 1963 Legislature to 17.6 in the reduced operating budget for year 1964-65. In accordance with budget instructions, the "A" budget request provides only for a continuation of the 17.6 ratio for biennium 1965-1967. In the "B" budget, however, the highest priority item requested is restoration of the 17.0 ratio. The requests, as outlined above in the "A" and "B" budgets for added teaching staffs to care for increased enrollments during the next biennium are for 237 added positions in year 1965-66 and 137 added positions in year 1966-67.

In accordance with a recommendation dated June 1, 1964, from the Legislative Fiscal Committee, the use of the student-teacher ratio to determine the numbers of teaching staff required during biennium 1965-1967 has been continued in the same manner as in the budget presented by the Board of Higher Education to the Governor and the 1963 Legislature for the 1963-1965 biennium.

Because of the increases in student enrollments, increases are included also for added service staff, for teaching supplies and equipment, library books, and other operating costs. The increases for 1965-1967 in these areas, also, are greater because of the reductions in state funds which occurred during biennium 1963-1965.

The following summary shows the present operating budget level for Instruction, Related Research, and General Services and the budget increases requested for the biennium 1965-1967.
### INSTRUCTION, RELATED RESEARCH AND GENERAL SERVICES
#### CONDENSED SUMMARY OF BIENNIAL BUDGET FOR 1965-1967, ALL FUNDS

<table>
<thead>
<tr>
<th>Description</th>
<th>Annual Amounts (Average)</th>
<th>Biennial Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating level, year 1964-65, all funds</td>
<td>$43,752,163</td>
<td>$87,504,326</td>
</tr>
<tr>
<td>Increases requested in &quot;A&quot; budget to continue the present level of service for increased enrollments (see following page for detail)</td>
<td>$6,924,198</td>
<td>$13,848,397</td>
</tr>
<tr>
<td>Sub-total, &quot;A&quot; budget requests</td>
<td>$50,676,361</td>
<td>$101,352,723</td>
</tr>
</tbody>
</table>

**Estimated income from nonstate sources:**

<table>
<thead>
<tr>
<th>Source</th>
<th>Annual Amounts (Average)</th>
<th>Biennial Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student fee income</td>
<td>$12,330,194</td>
<td>$24,660,389</td>
</tr>
<tr>
<td>Federal funds</td>
<td>267,500</td>
<td>535,000</td>
</tr>
<tr>
<td>Sales and service fees</td>
<td>538,320</td>
<td>1,076,640</td>
</tr>
<tr>
<td>Gifts and grants regularly budgeted</td>
<td>392,580</td>
<td>785,160</td>
</tr>
<tr>
<td>Endowment income</td>
<td>112,800</td>
<td>225,600</td>
</tr>
<tr>
<td>Total, estimated nonstate income</td>
<td>$13,641,394</td>
<td>$27,282,789</td>
</tr>
</tbody>
</table>

**Amount of state appropriation requested in "A" budget**

| Amount requested | $37,034,967 | $74,069,934 |

**Increases requested from state funds in "B" budget**

(see summary following for "B" budget requests)

| Amount requested | 4,977,352 | 9,954,704 |

**State appropriation requested, "A" and "B" budgets**

| Amount requested | $42,012,319 | $84,024,638 |

**State appropriation, current biennium**

(after reduction of $3,243,492 from original appropriation)

| Amount requested | 29,246,820 | 58,493,640 |

**Increase requested in state appropriation:**

| In the "A" budget request (26.6%) | $12,765,499 | $25,530,998 |
| In the "B" budget request (17%)   | $7,788,147  | $(15,576,294) |
| In the "B" budget request (17%)   | $(4,977,352) | $(9,954,704) |

**Note:** The percentage increases shown immediately above are based on the 1963-1965 operating state appropriation of $58,493,640 after it was reduced by $3,243,492. Based on the original 1963-1965 appropriation of $61,737,132, the increases in state appropriated funds are as follows:

- In the "A" budget request 20.0%
- In the "B" budget request 16.1%
INSTRUCTION, RELATED RESEARCH AND GENERAL SERVICES
INCREASES REQUESTED IN THE "A" BUDGET TO CONTINUE PRESENT LEVEL OF OPERATION
FOR THE ESTIMATED INCREASE IN STUDENT WORKLOAD
(Supports summary on preceding page)

<table>
<thead>
<tr>
<th>Increases requested in the &quot;A&quot; budget (to continue present operating level for increased numbers of students)</th>
<th>Annual Amounts (Average)</th>
<th>Biennial Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Added teaching staff</td>
<td>$ 2,170,183</td>
<td>$ 4,340,366</td>
</tr>
<tr>
<td>Added academic staff in administration and service departments</td>
<td>466,542</td>
<td>933,034</td>
</tr>
<tr>
<td>Added classified staff</td>
<td>522,602</td>
<td>1,045,204</td>
</tr>
<tr>
<td>Operation and maintenance of new buildings</td>
<td>340,531</td>
<td>681,062</td>
</tr>
<tr>
<td>Cost of increased intensity of use of buildings</td>
<td>156,171</td>
<td>312,342</td>
</tr>
<tr>
<td>Increased costs of state payroll assessments for added staff</td>
<td>361,067</td>
<td>722,134</td>
</tr>
<tr>
<td>Added costs for teaching supplies and equipment</td>
<td>224,207</td>
<td>448,414</td>
</tr>
<tr>
<td>Added costs for library books</td>
<td>214,916</td>
<td>429,833</td>
</tr>
<tr>
<td>Added costs for supplies and equipment in administrative and service departments</td>
<td>173,393</td>
<td>346,787</td>
</tr>
<tr>
<td>Added travel costs for increased numbers of staff</td>
<td>31,173</td>
<td>62,346</td>
</tr>
<tr>
<td>Added costs for summer sessions, increased enrollments</td>
<td>204,360</td>
<td>408,719</td>
</tr>
<tr>
<td>Division of Continuing Education, increased enrollments</td>
<td>256,475</td>
<td>512,950</td>
</tr>
<tr>
<td>WICHE Student Exchange Program (veterinary medicine)</td>
<td>3,600</td>
<td>7,200</td>
</tr>
<tr>
<td>Provide for accounting systems analysis and development</td>
<td>15,000</td>
<td>30,000</td>
</tr>
<tr>
<td>Increased rental - data processing equipment, Comptroller's Office</td>
<td>12,000</td>
<td>24,000</td>
</tr>
<tr>
<td>Establish internal audit staff, as recommended by state auditors</td>
<td>55,000</td>
<td>110,000</td>
</tr>
<tr>
<td>Re-establish State Restoration Fund (fire insurance)</td>
<td>66,477</td>
<td>132,954</td>
</tr>
<tr>
<td>Provide for debt service on instructional buildings bond issue</td>
<td>431,240</td>
<td>862,480</td>
</tr>
<tr>
<td>Cost to maintain present pay scales for academic and classified staff</td>
<td>1,467,135</td>
<td>2,934,271</td>
</tr>
<tr>
<td>Vacancy experience adjustment factor (VZAF) (anticipated salary and wage savings)</td>
<td>(247,874)</td>
<td>(495,149)</td>
</tr>
<tr>
<td>Totals, all increases, &quot;A&quot; budget</td>
<td>$ 6,924,198</td>
<td>$13,848,397</td>
</tr>
</tbody>
</table>
### Summary of "B" Budget Requests for Biennium 1965-1967

#### Instruction, Related Research and General Services

<table>
<thead>
<tr>
<th>Description</th>
<th>Annual Amount (Average)</th>
<th>Biennial Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Removal of Deficiencies in Current Operating Budget:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. Restoration of composite student-teacher ratio to 17 to 1 as provided in budget approved by the 1963 Legislature</td>
<td>$ 657,366</td>
<td>$1,314,732</td>
</tr>
<tr>
<td>B. Physical plant operation and maintenance to restore the amounts eliminated because of reductions in state appropriated funds during biennium 1963-1965</td>
<td>345,848</td>
<td>691,696</td>
</tr>
<tr>
<td>C. Additions to apply toward deficiencies at Southern Oregon College</td>
<td>35,690</td>
<td>71,380</td>
</tr>
<tr>
<td>D. Classified staff and other wages, excluding physical plant operation and maintenance</td>
<td>106,639</td>
<td>213,278</td>
</tr>
<tr>
<td>E. Teaching Supplies and Expense</td>
<td>150,278</td>
<td>300,557</td>
</tr>
<tr>
<td>F. Teaching Equipment (includes nonrecurring cost of $488,000 to modernize equipment for Engineering instruction at OSU)</td>
<td>523,892</td>
<td>1,047,783</td>
</tr>
<tr>
<td>G. Operating supplies and expenses in administration and service departments (excluding physical plant)</td>
<td>71,221</td>
<td>142,443</td>
</tr>
</tbody>
</table>

**Total requested for removal of deficiencies** $1,890,934 $3,781,869

**Note:** Reductions in state operating appropriations during biennium 1963-1965 aggregated $3,083,672 in Instruction, Related Research and General Services. The above request of $3,781,869 represents, for the most part, a restoration of the 1963-1965 reductions in state appropriated funds.
Summary of Recommended "B" Budget Requests (continued)
Instruction, Related Research and General Services

<table>
<thead>
<tr>
<th></th>
<th>Annual Amount (Average)</th>
<th>Biennial Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>II. Development of Programs To Care for Urgent Present Needs:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. Closed Circuit Television at campus institutions</td>
<td>$ 297,742</td>
<td>$ 595,484</td>
</tr>
<tr>
<td>B. Data Processing Equipment and Procedures</td>
<td>92,500</td>
<td>185,000</td>
</tr>
<tr>
<td>C. Fourth term opportunities in summer sessions</td>
<td>335,781</td>
<td>671,563</td>
</tr>
<tr>
<td>D. Radiation Center operating budget, OSU</td>
<td>56,500</td>
<td>113,000</td>
</tr>
<tr>
<td>E. Matching Funds, Oregon Programs, six institutions</td>
<td>233,691</td>
<td>467,383</td>
</tr>
<tr>
<td>F. Dental School Geriodontics</td>
<td>9,600</td>
<td>19,200</td>
</tr>
<tr>
<td>G. Teaching Research Division in Centralized Activities</td>
<td>12,500</td>
<td>25,000</td>
</tr>
<tr>
<td>H. Educational TV, open circuit for public school programs and other programs</td>
<td>106,546</td>
<td>213,092</td>
</tr>
<tr>
<td>I. Matching funds for a federal grant of $50,000 to provide a research project in Hydrology of Water Yield Prediction in connection with the Water Resources Research Institute at OSU</td>
<td>25,000</td>
<td>50,000</td>
</tr>
</tbody>
</table>

Total requested for Development of Programs for urgent present needs $1,169,860  $2,339,722
Summary of Recommended "B" Budget Requests (continued)  
Instruction, Related Research and General Services

| III. Graduate Study and Research Program in Portland:  
<table>
<thead>
<tr>
<th>Recommendation presented at request of 1963 Legislature</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Masters degree program in Engineering from Oregon</td>
</tr>
<tr>
<td>State University</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>$ 184,100</td>
</tr>
<tr>
<td>$ 368,200</td>
</tr>
<tr>
<td>B. Masters degree program in Business Administration</td>
</tr>
<tr>
<td>from University of Oregon</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>37,500</td>
</tr>
<tr>
<td>75,000</td>
</tr>
<tr>
<td>C. Strengthen undergraduate programs in physical</td>
</tr>
<tr>
<td>science subject areas in preparation for masters</td>
</tr>
<tr>
<td>program, Portland State College</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>215,029</td>
</tr>
<tr>
<td>430,058</td>
</tr>
<tr>
<td>D. Strengthen undergraduate program in Business</td>
</tr>
<tr>
<td>Administration and selected subject matter in</td>
</tr>
<tr>
<td>Humanities and Social Sciences, Portland State College</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>103,462</td>
</tr>
<tr>
<td>206,925</td>
</tr>
<tr>
<td>E. Strengthen MAT and MST programs, Portland State</td>
</tr>
<tr>
<td>College</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>76,350</td>
</tr>
<tr>
<td>152,700</td>
</tr>
<tr>
<td>F. Building and equipment for the Portland graduate</td>
</tr>
<tr>
<td>program</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>444,015</td>
</tr>
<tr>
<td>888,030</td>
</tr>
<tr>
<td>G. Land for building site</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>110,000</td>
</tr>
<tr>
<td>220,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Amount (Average)</th>
<th>Biennial Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,170,456</td>
<td>$2,340,913</td>
</tr>
</tbody>
</table>

Note: Although the Portland Graduate Study and Research Program is listed as No. III in the priorities, the Board of Higher Education feels that the state will wish to make a special effort to finance this program in addition to financing the necessary growth and development of the existing institutions. The Board of Higher Education vigorously supports this program for which a recommended plan and budget were requested by the 1963 Legislature in Senate Joint Resolution No. 8. The Board recognizes the importance of this program to Oregon's developing economy.

IV. Insurance Program for Academic Staff on a Shared
Premium Basis

| $ 400,000 | $ 800,000 |

V. Amendment to State Retirement Law to Provide Vesting
of Employer Contributions

| $ 220,000 | $ 440,000 |

VI. Payroll Assessments, all "B" Budget Requests

| $ 126,100 | $ 252,200 |

Grand Total, "B" Budget Requests for Instruction, Related Research and General Services

| $4,977,352 | $9,954,704 |
No requests for salary improvement funds for either the academic or the classified staffs have been included in the recommended biennial budget requests for 1965-1967. It is understood that any request for salary improvement funds will be initiated by the Governor's Office, to be presented as a separate appropriation request, as was done in the State Biennial Budget for 1963-1965. The Finance Committee of the Board has considered the problem of needed salary adjustments for the academic staffs during the next biennium. At a later date, the Committee will recommend to the Board a salary program to fit the needs of the institutions, which the Board can then present to the Governor. The pay adjustments for classified staff will be recommended on a state-wide basis by the State Civil Service Commission and the Governor's Office.

Biennial Requests for State-Wide Public Service Activities

Specific State appropriations are provided each biennium for the Teaching Hospitals and Clinics and the Crippled Children's Division at the Medical School, and for Federal Cooperative Extension and Agricultural Research at Oregon State University. The 1963 Legislature assigned to the Board of Higher Education the operation of the State Tuberculosis Hospital, located in Salem. This hospital was previously operated by the State Board of Control.

In the teaching Hospital and Clinics it has been necessary to request an increase in state appropriation in the "A" budget to provide for continuing increases in hospital and clinic operating costs and also for increasing costs of new developments in medical care and procedures, and other operating costs.

In the Crippled Children's Division, it has been necessary to request an increase in the "A" budget to cover increased costs for community clinics, hospital care, radiology fees, and appliances and other costs.

In the federal Cooperative Extension Service and the Agricultural Experiment Stations at Oregon State University the "A" budget includes increases principally for personal services to maintain the current pay scales for the academic and the classified staffs.

The summary on the following page shows the present operating level for the state-wide services and the budget increases requested for the biennium 1965-1967.
## Summary of Proposed 1965-1967 Biennial Budget, State-Wide Public Services

<table>
<thead>
<tr>
<th>Teaching Hospitals &amp; Clinics</th>
<th>Tuberculosis Hospitals</th>
<th>Crippled Children's Division</th>
<th>Dental Clinics</th>
<th>Federal Cooperative Extension</th>
<th>Agricultural Experiment Stations</th>
<th>Totals State-Wide Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Present biennial operating level based on current year</strong></td>
<td>$8,298,458</td>
<td>$2,033,044</td>
<td>$2,337,206</td>
<td>$490,000</td>
<td>$7,081,814</td>
<td>$9,819,578</td>
</tr>
<tr>
<td><strong>Requested Increases, &quot;A&quot; Budget</strong></td>
<td>825,393</td>
<td>96,948</td>
<td>70,650</td>
<td>-</td>
<td>304,959</td>
<td>740,670</td>
</tr>
<tr>
<td><strong>Sub-total &quot;A&quot; budget request</strong></td>
<td>9,123,851</td>
<td>2,129,992</td>
<td>2,407,856</td>
<td>490,000</td>
<td>7,386,773</td>
<td>10,560,248</td>
</tr>
<tr>
<td><strong>Estimated non-state income</strong></td>
<td>2,264,736</td>
<td>33,488</td>
<td>777,876</td>
<td>490,000</td>
<td>3,197,631</td>
<td>4,470,044</td>
</tr>
<tr>
<td><strong>State appropriation requested &quot;A&quot; budget</strong></td>
<td>6,859,115</td>
<td>2,096,504</td>
<td>1,629,980</td>
<td>-</td>
<td>4,189,142</td>
<td>6,090,204</td>
</tr>
<tr>
<td><strong>Requested increases, &quot;B&quot; Budget</strong></td>
<td>-</td>
<td>832,524</td>
<td>64,266</td>
<td>-</td>
<td>433,708</td>
<td>752,362</td>
</tr>
<tr>
<td><strong>State appropriation requested, &quot;A&quot; and &quot;B&quot;</strong></td>
<td>6,859,115</td>
<td>2,929,028</td>
<td>1,694,246</td>
<td>-</td>
<td>4,622,850</td>
<td>6,842,566</td>
</tr>
<tr>
<td><strong>State appropriation, current biennium</strong></td>
<td>5,934,623</td>
<td>1,916,448</td>
<td>1,499,868</td>
<td>-</td>
<td>3,881,610</td>
<td>5,420,436</td>
</tr>
<tr>
<td><strong>Increase requested in state appropriation</strong></td>
<td>$924,492</td>
<td>$1,012,580</td>
<td>$194,378</td>
<td>-</td>
<td>$741,240</td>
<td>$1,422,130</td>
</tr>
</tbody>
</table>
CONDENSED SUMMARY OF "B" BUDGET REQUESTS (Continued)

Teaching Hospitals and Clinics, U of O Medical School

Additions to Present Programs

Conversion of TB Hospital in Portland to general medical and surgical use (including alterations of building and added operating costs for 18 months)

<table>
<thead>
<tr>
<th></th>
<th>Annual Amount (Average)</th>
<th>Biennial Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$ 41,854</td>
<td>$ 83,709</td>
</tr>
<tr>
<td>Admitting</td>
<td>9,490</td>
<td>18,981</td>
</tr>
<tr>
<td>Medical Records</td>
<td>3,910</td>
<td>7,821</td>
</tr>
<tr>
<td>Medical and Nursing</td>
<td>374,759</td>
<td>749,518</td>
</tr>
<tr>
<td>Dietary</td>
<td>73,282</td>
<td>146,564</td>
</tr>
<tr>
<td>Housekeeping</td>
<td>22,921</td>
<td>45,842</td>
</tr>
<tr>
<td>Physical Plant</td>
<td>43,944</td>
<td>87,889</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 570,160</strong></td>
<td><strong>$1,140,324</strong></td>
</tr>
</tbody>
</table>

Deduct Patient Fee Income, Estimated

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State appropriation</td>
<td>$ 416,260</td>
<td>$ 832,524</td>
</tr>
</tbody>
</table>

Note: The conversion of the Tuberculosis Hospital unit of the Medical School would make it possible to add 72 hospital beds for general medical and surgical use.

During the regular 1963 Session of the Oregon Legislature, members of the Ways and Means Committee recommended that a study be made of the need for additional beds at the University of Oregon Medical School teaching hospital and the most appropriate way of meeting such needs. With the assistance of the faculty of all of the clinical departments and divisions of the institution, University of Oregon Medical School officials have completed an analysis of the total bed requirements. In summary, the study shows the need for 128 additional beds to supplement the 268 beds now available, thereby increasing the total capacity of the hospital to 396 patients. Without the benefit of architectural advice, it is estimated that the total cost of such an addition to the hospital building, in a way which will allow it to function in an efficient and coordinated manner with existing facilities, would be approximately $3,000,000.

Negotiations are now underway with the Federal Housing and Home Finance Agency to obtain an advance of funds for preliminary studies of the needed hospital addition, including the estimated cost of construction.
### Additions to Present Programs

**Clinic and Professional Services**

<table>
<thead>
<tr>
<th></th>
<th>Annual Amount (Average)</th>
<th>Biennial Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secretarial Services</td>
<td>$ 7,533</td>
<td>$ 15,066</td>
</tr>
<tr>
<td>Services and Supplies</td>
<td>24,600</td>
<td>49,200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 32,133</strong></td>
<td><strong>$ 64,266</strong></td>
</tr>
</tbody>
</table>

### Explanation of Budget Request

#### 1. Secretarial Services

The above request covers the addition of two full-time secretaries to the staff of the Division. During recent years the number of professional staff has risen, due partly to the fact that the Division has obtained the services of certain of these staff whose salaries are paid from other sources such as federal grants and other state departments. A problem has risen in providing adequate secretarial service for these staff members. The secretarial pool of the Division is now not large enough to handle this service, and it is estimated that two more employees are needed.

#### 2. Services and Supplies

In previous years the Crippled Children's Division has pointed out the need for increasing the fee schedule for physicians and surgeons to a level comparable to that paid by other state agencies and to assure the cooperation needed from these physicians and surgeons in maintaining the program of the Division. The fee schedule for the Division has not been changed for ten years with the result that fees now paid are considerably less than the physicians receive from other agencies such as State Industrial Accident Commission. This problem cannot be deferred indefinitely, and this budget request therefore is urgently needed to provide an increase of 15 percent in the present fee schedule.
# CONDENSED SUMMARY OF "B" BUDGET REQUESTS (Continued)

## Federal Cooperative Extension Service

<table>
<thead>
<tr>
<th>Item</th>
<th>Annual Amounts</th>
<th>Total for Biennium</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Removal of Budget Deficiencies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>County Positions and Area Agents (restore 10, 1st year; 9, 2nd year)</td>
<td>$163,790</td>
<td>$327,580</td>
</tr>
<tr>
<td>Specialists (restore 2, 1st year; 4, 2nd year)</td>
<td>57,265</td>
<td>114,530</td>
</tr>
<tr>
<td>Publications and Supplies</td>
<td>16,500</td>
<td>33,000</td>
</tr>
<tr>
<td>Machine Maintenance</td>
<td>3,000</td>
<td>6,000</td>
</tr>
<tr>
<td>Travel in-state</td>
<td>9,000</td>
<td>18,000</td>
</tr>
<tr>
<td>Payroll Assessments</td>
<td>3,635</td>
<td>7,271</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$253,190</td>
<td>$506,381</td>
</tr>
</tbody>
</table>

## Additions to Present Programs

<table>
<thead>
<tr>
<th>Item</th>
<th>Annual Amounts</th>
<th>Total for Biennium</th>
</tr>
</thead>
<tbody>
<tr>
<td>State matching funds for market management work</td>
<td>15,580</td>
<td>31,160</td>
</tr>
<tr>
<td><strong>Totals, Federal Cooperative Extension</strong></td>
<td>$268,770</td>
<td>$537,541</td>
</tr>
</tbody>
</table>

### Source of funds for "B" budget:

<table>
<thead>
<tr>
<th>Item</th>
<th>Annual Amounts</th>
<th>Total for Biennium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase in County Appropriations</td>
<td>$44,126</td>
<td>$88,253</td>
</tr>
<tr>
<td>Increase in Federal Appropriations</td>
<td>7,790</td>
<td>15,580</td>
</tr>
<tr>
<td>Increase in State Appropriations</td>
<td>216,854</td>
<td>433,708</td>
</tr>
<tr>
<td><strong>Total &quot;B&quot; budget funds requested</strong></td>
<td>$268,770</td>
<td>$537,541</td>
</tr>
</tbody>
</table>

---

**Note:** In order to meet the total assessment of reductions in state operating funds for the State System during biennium 1963-1965, the operating budget for the Federal Cooperative Extension Service was reduced by $607,729 during 1963-1965. This reduction required the termination of fifty budgeted positions - 27 academic positions (specialists and county agents), and 23 classified positions (clerical, student help, etc.). Heavy reductions were also made in budgets for supplies, travel and other costs.

Many individuals, groups, organizations and county officials have protested the curtailments in service in various parts of the state and have requested that the services and the positions be restored during biennium 1965-1967. It will be noted that the "B" budget request of $537,541 for 1965-1967 is considerably less than the amount of the reduction of $607,729 in state funds which occurred in biennium 1965-1967.
CONDENSED SUMMARY OF "B" BUDGET REQUESTS (Continued)

Research in Forestry, Fisheries, Wildlife, Agriculture & Home Sciences
Agricultural Experiment Stations

<table>
<thead>
<tr>
<th></th>
<th>Annual Amount (Average)</th>
<th>Total for Biennium</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Removal of Budget Deficiencies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff Positions (6)</td>
<td>$61,800</td>
<td>$123,600</td>
</tr>
<tr>
<td>(Resource Development; Food Processing; Soil Physics, Biochemistry-Nutrition, Pulp &amp; Paper Chemistry; Tree Fruit and Nut Insects)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Assistants (4, 1/2 time each)</td>
<td>11,040</td>
<td>22,080</td>
</tr>
<tr>
<td>Civil Service Positions (24)</td>
<td>107,226</td>
<td>214,452</td>
</tr>
<tr>
<td>(20 technicians and 4 clerical)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irregular Wages</td>
<td>32,620</td>
<td>65,240</td>
</tr>
<tr>
<td>Materials &amp; Supplies</td>
<td>78,469</td>
<td>156,938</td>
</tr>
<tr>
<td>Travel (in-state)</td>
<td>10,026</td>
<td>20,052</td>
</tr>
<tr>
<td>Payroll Assessments (OPE)</td>
<td>12,500</td>
<td>25,000</td>
</tr>
<tr>
<td>Research Service Buildings</td>
<td>62,500</td>
<td>125,000</td>
</tr>
<tr>
<td><strong>Total &quot;B&quot; Budget Requests</strong></td>
<td>$376,181</td>
<td>$752,362</td>
</tr>
</tbody>
</table>

**Note:** The amount of the above "B" budget request of $752,362 for the Experiment Stations represents a restoration of the amounts of the reductions in state operating funds during biennium 1963-1965.

There is a demand from individuals and groups in all parts of the state where experiments were curtailed to restore the services which were eliminated or reduced. The experiments involved have a direct effect on agricultural and industrial productivity, marketing and utilization of products. It has been demonstrated that funds invested in this type of research are returned to the people of Oregon many times over in increased income from sales of products and from increased wages earned in processing and manufacturing.
Programs Financed from Gifts, Grants, and Contracts

The amounts of gifts, grants and contract funds, for research and other special programs, received by the institutions have continued to increase each year during the current biennium and during the biennium preceding. The gifts, grants, and contract funds are received principally from federal agencies, from the foundations and from private donors. The actual and estimated amounts for three bienniums are compared below:

<table>
<thead>
<tr>
<th>Biennium</th>
<th>Amounts Expended</th>
</tr>
</thead>
<tbody>
<tr>
<td>1961-1963</td>
<td>$18,892,960</td>
</tr>
<tr>
<td>1963-1965, estimated</td>
<td>$32,720,163</td>
</tr>
<tr>
<td>1965-1967, estimated</td>
<td>$35,680,000</td>
</tr>
</tbody>
</table>

The increase indicated above during the biennium 1963-1965 is traceable in large part to several unusually large grants which were received during the fiscal year 1963-64. Because of the large grants received during the current biennium, it appears unlikely at this time that similar further increases will occur at the same rate during biennium 1965-1967. Accordingly, it is estimated that there will be a further increase in these funds of approximately $3,000,000 during biennium 1965-1967.

Because of the large amounts of gifts, grants and contract funds, and because of the special management and fiscal control problems involved in administering the programs financed from these sources, they are presented in the proposed 1965-1967 biennial budget as a separate major program division, along with the other two major programs, Instruction, Related Research and General Services and State-Wide Public Services. It is planned also to include these programs in a separate program division in future annual operating budgets.

In summary, the following budget requests for the biennium 1965-1967 are presented for approval by the Board.
SUMMARY STATEMENT OF PROPOSED 1965-1967 BIENNIAL BUDGET, ALL DIVISIONS

<table>
<thead>
<tr>
<th>State Appropriations Requested for the Biennium</th>
<th>Estimated Income from Nonstate Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot; Budget Requests</td>
<td>&quot;B&quot; Budget Requests</td>
</tr>
</tbody>
</table>

Instruction, Research and General Services
$74,069,934 $9,954,704 $84,024,638 $27,282,789 24.5

Programs Financed from Gifts, Grants and Contracts
- - - 35,680,000 100.0

State-Wide Public Services:
Teaching Hospitals & Clinics, UOMS
6,859,115 - 6,859,115 2,264,736 24.8

State Tuberculosis Hospitals, UOMS
2,096,504 832,524 2,929,028 341,288 10.4

Crippled Children's Division, UOMS
1,629,980 64,266 1,694,246 777,876 31.5

Dental Clinics, UODS
- - - 490,000 100.0

Federal Cooperative Extension, OSU
4,189,142 433,708 4,622,850 3,301,464 41.6

Agricultural Experiment Stations, OSU
6,090,204 752,362 6,842,566 4,470,044 39.5

Totals, All Divisions
$94,934,879 $12,037,564 $106,972,443 $74,608,197 41.1

In formulating the 1965-1967 biennial budget plan as summarized in the preceding tables, the principal aims have been as follows:

1. In the "A" budget request, the aim is to provide continuance of the quality of instructional services and general services to students which are being provided during the current biennium. It will be recalled that substantial reductions were made during biennium 1963-1965 in amounts of state appropriated operating funds. The level of the "A" budget as requested will continue in biennium 1965-1967 the reduced level of support per student provided during the current biennium.
2. In the "B" budget the aims are to provide for additional urgent needs during biennium 1965-1967, such as the following:

a. Removal in part of some of the most serious deficiencies in the present operating budget, as listed in a preceding summary;

b. Development of certain present teaching and research programs to care for urgent present needs, as previously listed in this report;

c. Graduate study and research program in Portland as outlined on a preceding page, and as described in a report dated July 27-28, 1964;

d. To provide certain nonsalary benefits to aid in the recruiting and retention of able staff.

The increased investment in education, represented in the proposed biennial budget for 1965-1967, is recommended at a time when the numbers of college-age youth in the state are rapidly increasing, when the state is advancing in total population, and when there is need for development of the economy of the state in urban industry, in agriculture, in forest products and in all its other resources.

It has been demonstrated that higher education leads to economic growth:

by increasing the individual's capacity to earn, spend and pay taxes;

by attracting and serving business and industry;

by establishing a major smokeless industry supported by gifts, grants and contracts;

and by producing the new knowledge upon which a society grows and improves itself.

The Chancellor has recommended that the biennial budget requests for 1965-1967, as set forth in the preceding summaries, be approved by the Board and be forwarded to the Governor and the State Department of Finance and Administration for their use in preparing the 1965-1967 Biennial Budget for the State of Oregon.

The Board adopted the report, approved the recommendations as presented and authorized the submission of the 1965-1967 biennial budget requests to the Department of Finance, the Governor and the 1965 Legislature as outlined.
The Comptroller has reported that upon the request of an employee, individual payroll checks are forwarded to a bank which he designates for deposit of proceeds to his account. It is estimated that currently about 2,000 employees have authorized the sending of their payroll checks as indicated. The Comptroller advised that payroll processing would be simplified, and that administrative expense might be saved if a depository bank could be given a single check for credit in appropriate amounts to the accounts of designated employees, instead of preparing and processing individual payroll checks through banking channels. Existing law apparently does not permit the adoption of the proposed procedure.

The Chancellor has recommended that 1965 Legislative authorization be sought whereby, at the direction of employees, pay amounts due them would be deposited with a bank designated by the employee, without preparing a payroll check specifically naming the employee.

Mr. Freeman Holmer, Director of the Department of Finance and Administration, suggested that the proposed bill to be submitted by the State Board of Higher Education be expanded to include all state departments and agencies.

The Board approved the recommendation, with the understanding that Mr. Holmer's suggestion would be incorporated in the draft of the bill.

President Millar, with the approval of the Chancellor, recommended an addition to the 1964-65 operating budget of Portland State College in the amount of $15,625 to cover 10-months' cost of leasing and operating the Frances Manor Apartments, located at 614 S. W. Montgomery in Portland, Oregon, to be used to provide office space for as many as 52 staff members.

President Millar reported that at present 85 staff members are not provided with office space and that if enrollment increases beyond original estimates, there will be a further deficiency of office space. The amount of $15,625 will provide for the rental at an annual rate of $10,250 or $8,542 for ten months and for ten months' physical plant operation and maintenance at $8,500 per year or $7,083 for ten months, effective September 1, 1964.

The Board approved the recommendation as presented.

Paragraph C-7-C(5) of the Administrative Code of the Oregon State Board of Higher Education provides that changes in the schedule of charges for hospital care be presented to the Finance Committee of the Board for approval. The present schedule has been in effect since August 1, 1962, and needs revision to reflect the increase in costs of hospital operation.
Dean Baird, with the concurrence of the Chancellor, recommended a new schedule of charges for hospital care to be effective September 15, 1964. A comparison with the present schedule follows:

<table>
<thead>
<tr>
<th>Charges for</th>
<th>Present Schedule</th>
<th>Proposed Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st-4th day</td>
<td>$41.00</td>
<td>$44.00</td>
</tr>
<tr>
<td>5th to 8th day</td>
<td>39.00</td>
<td>42.00</td>
</tr>
<tr>
<td>9th to 12th day</td>
<td>37.00</td>
<td>40.00</td>
</tr>
<tr>
<td>13th day</td>
<td>31.00</td>
<td>34.00</td>
</tr>
<tr>
<td>14th day</td>
<td>30.00</td>
<td>33.00</td>
</tr>
<tr>
<td>15th day</td>
<td>27.00</td>
<td>30.00</td>
</tr>
<tr>
<td>16th day, and each day thereafter</td>
<td>23.00</td>
<td>26.00</td>
</tr>
<tr>
<td>Premature Infant Rate Per Day</td>
<td>13.00</td>
<td>13.00</td>
</tr>
</tbody>
</table>

Dean Baird has indicated that the above revised hospital rates were contemplated in the annual operating budget for year 1964-65 and also in the biennial budget requests for 1965-1967.

The Board approved the recommendation as presented.

Assignment of Invention and Patent Rights of Dr. Henry C. Fixott and Dr. Frank G. Everett, UCDS

Dean Noyes reported that Dr. Henry C. Fixott and Dr. Frank G. Everett have invented a diagnostic X-ray grid for possible use for dental and medical purposes. The Dental School, in collaboration with the Board's Office, has negotiated with the inventors for an "Assignment of Invention" agreement which provides that none of the net royalty income, if any, will be paid to the inventors. It is contemplated that the rights in the invention will be assigned to the Research Corporation of New York.

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

The Board approved the recommendation as presented.

Investment Report, June 30, 1964

Members of the Board have been provided with the annual investment report of June 30, 1964. The total investments at the end of the past fiscal year of benefit to the Department of Higher Education amounted to $25,760,906.30. Of the total investments, the amount of the Pooled Endowment Funds assets was $3,325,760.16, on which the interest earned during the past year was 4.31 percent.

The Vice Chancellor for Business Affairs recommended, with the concurrence of the Chancellor, that for the year 1964-65 participants in the Pooled Endowment Funds be paid interest at the rate of 4.0 percent.

Advice was also given that valuable investment counsel had been furnished by the staff of the Standard Insurance Company, including Mr. Arthur Cannon, Vice President and Treasurer before his death, Mr. David E. Lowrie, Assistant Vice President and Mortgage Loan Manager, and Mr. Hubert A. Tondreau, Assistant Treasurer. The first National Bank of Oregon has provided investment counsel for stockholdings.
It was recommended that the report be accepted and the Secretary of the Board express appreciation to the company and personnel.

The Board approved the recommendation as presented.

Appointments to Forest Management & Forest Products Research Advisory Committees

At the June 1961 Board meeting, two resolutions were passed to establish a Forest Products Research Advisory Committee and a Forest Management Research Advisory Committee. At the July 1961 meeting, in accordance with recommendations of various groups and organizations to be represented on the two committees, the Chancellor reported that he had appointed certain principals and alternates for various terms subject to confirmation of the Board.

The Chancellor reported that a similar procedure had been followed in making appointments for those representatives whose terms expire on June 30, 1964, and the following appointments and reappointments have been made, subject to Board confirmation:

**FOREST MANAGEMENT RESEARCH ADVISORY COMMITTEE**

**July 1, 1964**

<table>
<thead>
<tr>
<th>Organization</th>
<th>Committee Position</th>
<th>Name</th>
<th>Term Yrs. Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
<td>Alternate</td>
<td>Rodney O. Fety (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
<tr>
<td>Industrial Forestry Association</td>
<td>Principal</td>
<td>Clem Pope (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
<tr>
<td>Southern Oregon Conservation and Tree Farm Assn.</td>
<td>Alternate</td>
<td>Martin Craine (Appointment to unexpired term)</td>
<td>3 7/1/64- 6/30/67</td>
</tr>
<tr>
<td>Western Forest Industries Assn., Principal</td>
<td></td>
<td>Sam F. Konnie (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
<tr>
<td>Willamette Valley Lumbermen's Assn.</td>
<td>Alternate</td>
<td>Robert M. Gehrman (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
</tbody>
</table>

**FOREST PRODUCTS RESEARCH ADVISORY COMMITTEE**

**July 1, 1964**

<table>
<thead>
<tr>
<th>Organization</th>
<th>Committee Position</th>
<th>Name</th>
<th>Term Yrs. Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Plywood Association (formerly Douglas Fir Plywood Association)</td>
<td>Principal</td>
<td>Clyde C. Kalahan (Appointment to unexpired term)</td>
<td>3 7/1/64- 6/30/67</td>
</tr>
<tr>
<td>Pacific Northwest Forest and Range Experiment Station</td>
<td>Alternate</td>
<td>J. B. Grantham (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
<tr>
<td>Pulp and Paper Industry</td>
<td>Principal</td>
<td>C. R. Duffie (Reappointment)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
<tr>
<td>Southern Oregon Conservation and Tree Farm Assn.</td>
<td>Principal</td>
<td>George C. Flanagan (Alternate appointed as principal)</td>
<td>4 7/1/64- 6/30/68</td>
</tr>
</tbody>
</table>
Meeting #330

<table>
<thead>
<tr>
<th>Organization</th>
<th>Committee Position</th>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Oregon Conservation</td>
<td>Alternate</td>
<td>John E. Hansen</td>
<td>2 yrs.</td>
</tr>
<tr>
<td>and Tree Farm Assn.</td>
<td></td>
<td></td>
<td>7/1/64-</td>
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<tr>
<td></td>
<td></td>
<td>(Appointment to</td>
<td>6/30/66</td>
</tr>
<tr>
<td></td>
<td></td>
<td>unexpired term)</td>
<td></td>
</tr>
<tr>
<td>Western Pine Association</td>
<td>Alternate</td>
<td>R. G. Kimbell, Jr.</td>
<td>3 yrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7/1/64-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Appointment to</td>
<td>6/30/67</td>
</tr>
<tr>
<td></td>
<td></td>
<td>unexpired term)</td>
<td></td>
</tr>
<tr>
<td>Willamette Valley Lumbermen's</td>
<td>Alternate</td>
<td>Val Gardner</td>
<td>4 yrs.</td>
</tr>
<tr>
<td>Association</td>
<td></td>
<td></td>
<td>7/1/64-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6/30/68</td>
</tr>
</tbody>
</table>

The Board approved the recommendation as presented.

Confirmation of Institutional Degree Lists

In accordance with Board regulations, the following members represented the Board at the 1964 Summer Commencement exercises of the indicated institutions and acted for the Board in approving the candidates for degrees and diplomas:

University of Oregon - Mr. Philip A. Joss
Eastern Oregon College - Mr. J. W. Forrester, Jr.

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

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

Approval of Transfer Courses and Staff at Community Colleges

The Community College law enacted by the 1957 Legislature requires the State Board of Higher Education to approve all courses in these institutions for college transfer credit and to approve the instructors offering the courses. In January 1960 the Board authorized the Chancellor to approve courses and instructors for the community colleges, with periodic reports to be made to the Board.

In compliance with this provision, Vice Chancellor Romney reported that the courses, course changes, and instructors embodied in Supplement B, "Courses and Instructors Approved for College-Transfer Programs of Oregon Community Colleges, September 10, 1963 - September 1, 1964," of this docket have been recommended by the Community College Committee and approved by the Chancellor for the community colleges indicated since September 10, 1963, the date of the last report.

The Board confirmed the approval of the courses and instructors as indicated.

Revision of Article I, Section 10, Board By-Laws

President Holloway recommended that Article I, Section 10 of the By-Laws of the Board of Higher Education be amended. The proposed revision was tabled for further modification and consideration at the October 26-27, 1964, meeting.
It was recommended that the following personnel adjustments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1964-65 budget. The Board approved the recommendation as presented.

**University of Oregon**

**J. M. Foskett, Increase in Salary**

Increase in annual salary for Dr. John M. Foskett, Professor of Sociology, from $13,200 to $14,200, effective September 16, 1964, in recognition of increased responsibilities in the newly established Research and Development Center for the Advanced Study of Education. Funds for the increase are to be provided 67 percent from the U.S. Office of Education grant and 33 percent from the operating reserve.

**C. W. Schminke, Change in Title and Increase in Salary**

Designation of Dr. Clarence W. Schminke, Assistant Professor of Education, as Assistant Director of Teacher Education, effective September 16, 1964, in charge of the new elementary education program, with a corresponding increase in annual salary from $9,825 to $10,600. The $775 required is to be provided 33 percent from a U.S. Office of Education grant and 67 percent from Education. Funds are available in the School of Education budget for that portion of the increase.

**S. Toobert, Advance in Rank and Salary**

Advance in rank from Instructor to Assistant Professor and appointment to a new position as Supervisor of Group Counseling and Training, for Mr. Saul Toobert, effective July 1, 1964, with a corresponding increase in annual salary from $7,500 to $9,060.

**P. I. McHugh, Increase in Salary**

Increase in annual salary for Mr. Philip I. McHugh, Freshman Football and Basketball Coach and Instructor in Physical Education, from $7,800 to $8,100, effective July 1, 1964. At the time the budgets were prepared for auxiliary activities, Mr. Leo Harris, Athletic Director, was on sabbatical leave and salary increases were postponed until his return. Mr. McHugh's increase was inadvertently omitted in listing the remainder of the increases from auxiliary activities. Funds are provided in the athletic budget.

**H. Alpert, Designation as Dean of Faculties**

Designation of Dr. Harry Alpert, Dean of the Graduate School and Professor of Sociology, as Dean of Faculties, effective October 1, 1964, at an annual salary of $23,000. Dr. Alpert is assuming the position vacated by the resignation of Dr. Robert D. Clark.

**N. D. Sundberg, Designation as Acting Dean Increase in Salary**

Designation of Dr. Norman D. Sundberg as Acting Dean of the Graduate School, effective September 1, 1964, until the appointment of a new Dean, and increase in annual salary from $14,640 to $15,240 in recognition of the added responsibilities. The $600 required is to be provided from the Operating Reserve.
Meeting #330

September 14-15, 1964

F. Andrews,
Change in Appointment,
Increase in Salary

Appointment of Dr. Fred Andrews, Associate Professor of Mathematics as half-time Associate Dean of the Graduate School, with a corresponding increase in annual salary from $11,600 to $12,400, effective September 16, 1964, in recognition of the increased responsibilities. The $800 required is to be provided from the Operating Reserve.

F. Farner,
Change in Appointment,
Increase in Salary

Appointment of Dr. Frank Farner, Associate Professor of Education, as half-time Associate Dean of the Graduate School, and transfer half-time from the School of Education, effective September 16, 1964, with a corresponding increase in annual salary from $11,000 to $11,800, in recognition of the increased responsibilities. The $800 required is to be provided from the Operating Reserve.

S. Maveety,
Increase in Salary, Change in Appointment

Increase in annual salary for Dr. Stanley Maveety, Assistant Professor of English, from $8,525, to $8,850, effective September 16, 1964, in recognition of increased responsibilities as Assistant Head of the Department of English. The $325 required is to be provided from the Operating Reserve.

University of Oregon Dental School

R. M. Gregorius,
Increase in Salary

Increase in annual salary for Miss Muriel Gregorious, Research Assistant in Bacteriology, from $5,200 to $5,400, effective July 1, 1964. The required funds are provided in the U.S. Public Health Service grant under which she is employed.

W. Bullock,
Increase in Salary

Increase in annual salary for Mr. Wesley Bullock, Research Assistant in Bacteriology, from $5,400 to $5,600, effective July 1, 1964. The required funds are provided in the U.S. Public Health Service grant under which he is employed.

R. M. Weigel,
Advance in Rank and Salary

Advance in rank for Dr. Richard M. Weigel from Assistant to Associate Professor, Prosthetic Dentistry, to be assigned full responsibility for sophomore lectures and demonstration course, with a corresponding increase in annual salary from $4,000 to $4,400 for 50 percent time. Funds are provided in the budget of the Orthodontics Department as a result of the leave without pay for Dr. E. H. Hixon.

University of Oregon Medical School

S. Sorenson,
Increase in Salary

Increase in annual salary for Mr. Sterling Sorenson, Research Associate in Pharmacology, from $7,440 to $7,860, effective July 1, 1964. Part of Mr. Sorenson's salary is provided from funds received from the Multnomah County Coroner's Office for examinations performed for the coroner, and the funds required for the increase are to be provided from this source.

S. R. Wellings,
Designation as Acting Department Head

Designation of Dr. S. R. Wellings, Associate Professor of Pathology, as Acting Head of the Department, with no change in salary rate, effective September 1, 1964, as a result of the resignation of Dr. Jackson T. Crane, Chairman of the Department. The salary savings resulting from the resignation are to be retained in the budget pending the appointment of Dr. Crane's successor.
Meeting #330

September 14-15, 1964

R. E. Brooks, Increase in Salary

Increase in annual salary, effective August 1, 1964, for Dr. R. E. Brooks, Instructor in Pathology, from $9,500 to $10,000, in recognition of the assignent of additional responsibilities. The $500 required is to be provided from the salary savings due to Dr. Crane's resignation.

Salary Adjustments

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

W. A. Neill, Increase in Salary

Dr. William A. Neill, Assistant Professor of Medicine, from $11,000 to $11,555.

L. Lino, Increase in Salary

Dr. Louis Lino, Assistant Professor of Neurology, from $9,000 to $10,000, effective September 1, 1964.

A. Colas, Increase in Salary

Dr. Antonio Colas, Associate Professor of Biochemistry and Obstetrics and Gynecology, from $15,000 to $16,000.

J. R. Stevens, Increase in Salary

Dr. Janice R. Stevens, Associate Professor of Neurology, from $11,000 to $11,600.

R. Bigley, Increase in Salary

Increase in annual salary for Dr. Robert Bigley, Assistant Professor of Medicine, from $9,000 to $9,700, effective July 1, 1964, and transfer of 5 percent of his time and salary from the Department of Medicine to the restricted AEC project. Funds for the increase are provided from the grant.

R. Lyons, Transfer of Time; Change in Title, Increase in Salary

Transfer of a major portion of the time of Dr. Richard Lyons, Assistant Professor of Anatomy, to the Division of Experimental Medicine with the assignment of the additional title of Assistant Professor of Experimental Medicine, effective July 1, 1964, with an increase in annual salary from $10,000 to $12,000 to be distributed $10,800 from Experimental Medicine and $1,200 from the Department of Anatomy.

E. Schneider, Increase in Salary

Increase in annual salary for Mr. Emil Schneider, Research Assistant in Biochemistry, from $5,400 to $6,000, effective July 1, 1964, in recognition of outstanding work in his department and to correct an oversight in the original budget. Also the increase is necessary to retain Mr. Schneider's services.

W. Carson Change in Time, and Salary Rate

Change in time for Dr. Wilma Carson, Instructor in Pediatrics from full to 60 percent time, and change in equivalent salary rate from $10,000 to $12,000 par year effective September 1, 1964. This is a change in position since Dr. Carson will be employed effective September 1, 1964, 40 percent time in a United Cerebral Palsy Research and Educational Foundation Fellowship which will pay $4,800 in addition to her salary for 60 percent time in the Pediatrics Department.
<table>
<thead>
<tr>
<th>Name</th>
<th>Action Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. E. Horner</td>
<td>Increase in annual salary for Dr. C. E. Horner, Associate Professor of Plant Pathology, from $12,110 to $12,495, effective July 5, 1964. Dr. Horner's salary is provided jointly from state funds and the U.S. Department of Agriculture and the state funds required will be increased from $5,310 to $5,695, with the required funds to be provided from funds available in the budget. The increase is required to match the increase authorized by the U.S. Department of Agriculture.</td>
</tr>
<tr>
<td>D. Hoecker</td>
<td>Change in position, effective August 1, 1964, for Mr. Dale Hoecker, County Extension Agent in Jackson County to Community Services Coordinator for the Lane County Youth Project in the Junction City area, with a corresponding increase in salary from $8,670 to $9,450 per year in recognition of increased responsibilities in the new position. Funds required are provided in new federal control funds allotted specifically for this project.</td>
</tr>
<tr>
<td>J. A. Edwards</td>
<td>Increase in annual salary for Dr. John A. Edwards, Assistant Professor of Agricultural Economics, from $10,230 to $10,620, effective July 1, 1964, in order to retain his services. The $390 required is to be provided from funds available in the department.</td>
</tr>
<tr>
<td>G. H. Simonson</td>
<td>Advance in rank from Assistant to Associate Professor of Soils for Dr. G. H. Simonson, effective July 1, 1964, with a corresponding increase in salary from $9,840 to $10,560 and a change from yearly to indefinite tenure. The changes are necessary to retain his services. The funds required are to be provided from a balance in the institutional Salary Savings Reserve.</td>
</tr>
<tr>
<td>H. J. Evans</td>
<td>Increase in annual salary for Dr. H. J. Evans, Professor of Plant Physiology, from $15,840 to $17,040, effective July 1, 1964, in order to retain his services. The $1,200 required is to be provided from a balance in the 1964-65 salary adjustment reserve.</td>
</tr>
<tr>
<td>J. Dixon</td>
<td>Increase in annual salary for Mr. James Dixon, Professor of Physical Education from $11,700 for 9 months' service to $13,240 for 12-months' service, effective July 1, 1964, in recognition of his increased responsibilities as Acting Head of the Division of Physical Education.</td>
</tr>
<tr>
<td>P. J. Gunn</td>
<td>Increase in annual salary for Mr. Paul J. Gunn, Chairman of the Department of Art, effective September 16, 1964, from $10,200 to $11,200, in recognition of added responsibilities in connection with his new appointment.</td>
</tr>
<tr>
<td>C. H. Dailey</td>
<td>Increase in annual salary for Mr. Charles H. Dailey, Associate Professor of Physical Education from $9,600 to $10,400 effective September 16, 1964, in order to retain his services. Funds for the increase are to be provided from the salary adjustments reserve.</td>
</tr>
</tbody>
</table>
Increase in annual salary for Mr. Roderick Mesecar, Assistant Professor of Oceanography, from $10,230 to $10,620, effective July 1, 1964, to correct an oversight in the original budget. The $390 required is to be provided from a contract project.

Increase in annual salary for Miss Marilyn George, Assistant in Oceanography, from $5,100 to $5,300, effective July 1, 1964, in recognition of new responsibilities to which she has recently been assigned. Funds are provided in the research grant under which she is employed.

Increase in annual salary for Dr. George S. Beaudreau, Associate Professor of Agricultural Chemistry, from $11,040 to $11,520, effective September 1, 1964. The required funds are provided in the U. S. Public Health Service grant under which he is employed.

Increase in annual salary for Mr. William E. Bales, Research Associate in Oceanography, effective July 1, 1964, from $7,500 to $8,100. The required funds are provided in the research grants under which Mr. Bales is employed.

Increase in annual salary for Mr. R. O. Wolf Goertz, Instructor in Modern Languages, from $6,500 to $6,750, effective July 1, 1964, in recognition of his continued academic training and to eliminate an imbalance in the departmental salary structure. The $250 required is to be provided from a balance in the institutional Salary Adjustment Fund.

Advance in rank for Dr. Anne Deeney from Assistant in Agricultural Chemistry to Research Associate with rank of Assistant Professor, effective September 1, 1964, with a corresponding increase in annual salary from $6,000 to $7,500. The $1,500 required is provided in the U.S. Public Health Service grant under which she is employed. The increase is in recognition of completing the work for the doctoral degree and because of the greater responsibilities which she will now be assigned on the research project.

Advance in rank for Mr. Robert E. Still from Assistant in Oceanography to Research Associate with rank of Instructor, effective July 1, 1964, with a corresponding increase in annual salary from $5,800 to $6,300, in recognition of new responsibilities to which he has been assigned. Funds are provided in the research grant under which he is employed.
<table>
<thead>
<tr>
<th>Name</th>
<th>Increase in Annual Salary</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. R. Hancock</td>
<td></td>
<td>Increase in annual salary for Mr. Danil R. Hancock, Assistant in Oceanography, from $4,800 to $5,200, effective July 1, 1964. The required funds are provided in the grant under which Mr. Hancock is employed.</td>
</tr>
<tr>
<td>D. Maxwell</td>
<td></td>
<td>Increase in annual salary for Mr. Darrell Maxwell, Umatilla County Extension Agent, from $9,060 to $9,450, effective July 1, 1964. Funds have been specifically provided for this increase in the research project under which he is employed.</td>
</tr>
<tr>
<td>R. S. Besse</td>
<td></td>
<td>Increase in annual salary for Mr. Ralph Stephen Besse, Malheur County Extension Agent, from $9,060 to $9,840, effective July 1, 1964. The required funds have been specifically provided for this purpose in the research grant under which Mr. Besse is employed.</td>
</tr>
<tr>
<td>T. J. Neidlinger</td>
<td></td>
<td>Increase in annual salary for Mr. T. J. Neidlinger, Research Assistant in Farm Crops, from $2,640 to $2,760 for 50 percent time, effective July 1, 1964. The $120 required is to be provided from a gift fund project.</td>
</tr>
<tr>
<td>R. C. Bull</td>
<td></td>
<td>Advance in rank for Mr. Richard C. Bull from Research Assistant to Assistant in Animal Science, and increase in time and salary from 50 percent at an equivalent salary rate of $5,760 to full time at an annual salary of $6,000.</td>
</tr>
<tr>
<td>L. H. Wullstein</td>
<td></td>
<td>Advance in rank for Mr. L. H. Wullstein from Research Assistant to Assistant in Microbiology, and increase in time and salary from 50 percent at an equivalent salary rate of $5,520 to full time at an annual salary of $7,200. Funds for the above two increases are to be provided from federal research grant funds.</td>
</tr>
<tr>
<td>S. Roffler</td>
<td></td>
<td>Advance in rank for Miss Sheila Roffler from Research Assistant to Assistant in Agricultural Chemistry, and increase in time and salary from 50 percent time at an equivalent salary rate of $5,280 to full time at an annual salary of $6,000. The required funds are available in the budget.</td>
</tr>
<tr>
<td>J. Thomas</td>
<td></td>
<td>Increase in time and salary for Mr. Johnny Thomas, Research Assistant in Farm Crops, from 50 percent time and $2,640 salary to 62.5 percent time and $3,600 salary, effective July 1, 1964, in recognition of additional responsibilities in the research program. The required funds are provided in the grant under which he is employed.</td>
</tr>
<tr>
<td>A. E. Carleton</td>
<td></td>
<td>Increase in annual salary for Mr. A. E. Carleton, Research Assistant in Farm Crops, from $2,640 to $2,760 for 50 percent time, effective July 1, 1964. The $120 required is to be provided from a gift fund project.</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Details</td>
</tr>
<tr>
<td>-----------------------</td>
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<td>-----------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>L. Copeland</td>
<td>Advance in Rank</td>
<td>Advance in rank for Mr. Larry Copeland from Research Assistant to Assistant in Farm Crops and increase in time and salary from 50 percent time at an equivalent salary rate of $5,280 to full time at an annual salary of $6,300. The required funds are to be provided from sales funds and grant funds.</td>
</tr>
<tr>
<td>D. J. Westerman</td>
<td>Advance in Rank</td>
<td>Advance in rank for Mr. D. J. Westerman from Research Assistant to Assistant in Soils, and increase in time and salary from 50 percent time at an equivalent salary rate of $5,520 to 75 percent time at an annual salary of $5,700, effective July 1, 1964. The required funds are available in the budget.</td>
</tr>
<tr>
<td>S. O. Karell</td>
<td>Change in Title and Increase in Salary</td>
<td>Change in title from Cataloguer to Senior Cataloguer for Mr. Sven O. Karell, effective September 1, 1964, with a corresponding increase in annual salary from $6,820 to $7,387 for 12-months' service. The funds released by Mr. Karell's promotion are to be retained pending the selection of his successor. The funds required for Mr. Karell are available in the funds released by the resignation of Mr. W. J. Pease.</td>
</tr>
<tr>
<td>H. Smithwick</td>
<td>Designation as Acting Dept. Head</td>
<td>Designation of Mr. Hugh Smithwick, Assistant Professor of Health and Physical Education, as Acting Head of the Department of Health and Physical Education, effective September 16, 1964, with a corresponding increase in salary from $7,875 to $8,525 per year.</td>
</tr>
<tr>
<td>R. A. Farrow</td>
<td>Advance in Rank and Salary; Change in Terms of Service</td>
<td>Advance in rank for Dr. Ralph A. Farrow from Assistant to Associate Professor of Education and Psychology, with a corresponding change from a 9-months' basis at a salary of $9,200 (12-months' equivalent, $11,040) to a 12-months' basis at a salary of $12,000. The above changes reflect a change in position and responsibility as a result of his completing the requirements for the doctoral degree.</td>
</tr>
<tr>
<td>D. E. Wallace</td>
<td>Advance in Rank and Salary</td>
<td>Advance in rank for Dr. David E. Wallace from Assistant to Associate Professor of Music Education, with a corresponding increase in annual salary from $8,200, to $8,400, effective July 1, 1964, in recognition of his completing the requirements for the doctoral degree. The funds required for the above increases are to be provided from a balance in the salary adjustment fund at Oregon College of Education.</td>
</tr>
<tr>
<td>W. Bruecher</td>
<td>Advance in Rank and Salary</td>
<td>Advance in rank from Instructor to Assistant Professor of English and German for Mr. Werner Bruecher, effective September 16, 1964, with a corresponding increase in salary from $6,000 to $6,900. The $900 required is to be provided from a balance in the institutional Salary Savings Reserve. The above changes are in recognition of his completing the course work for the doctoral degree and also to retain his services.</td>
</tr>
</tbody>
</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board accepted the report and approved the recommendations.

University of Oregon

Scholarships & Fellowships

Gifts and grants totaling $10,806.50 from the following donors for scholarships and fellowships:

Agency for International Development, Washington, D.C. $ 220.00
Anonymous 200.00
Baseball, Office of the Commissioner, New York City 440.50
Crown Zellerbach Foundation, San Francisco, Calif. 3,750.00
Mrs. Freeman Day, Eugene 100.00
Degree of Honor Protective Association, St. Paul, Minnesota 200.00
Grand Guardian Council of Oregon, International Order of Job's Daughters, Lakeview 300.00
Institute of International Education, New York City 110.00
Bernard S. Miller, New York City 150.00
Musicians' Mutual Association, Eugene 120.00
North American Aviation, Inc., El Segundo, Calif. 110.00
Oregon Congress of Parents and Teachers, Portland 166.00
The Sears-Roebuck Foundation, Seattle, Washington 250.00
Siletz High School Student Body 100.00
The Soroptimist Club, Klamath Falls 200.00
Sigfrid Benson Unander, Portland 250.00
West Coast Lumbermen's Association, Portland 200.00
Weyerhaeuser Company Foundation, Tacoma, Washington 2,000.00
Woman's Benefit Association, Port Huron, Michigan 250.00
Elks Lodge No. 1663, Lebanon 350.00
Women's Architectural League, Portland 1,340.00

E. C. Brown Trust

Grant of $4,074.64 from E. C. Brown Trust, Portland, "for salary and payroll assessment for Dr. Theodore B. Johannis," Summer 1964, and Academic year 1964-65, under the direction of Dr. Theodore B. Johannis, Associate Professor of Sociology.

Mr. & Mrs. Val Kelly

Gift of sixteen letters of John Cowper Powys written to Mr. Kelly in 1956-58 reflecting the interest of Mr. Powys in the literary efforts of the other authors within the family, to the University of Oregon Library from Mr. and Mrs. Val Kelly, Yachats. This gift is valued at $160.

American Chemical Society

Grant of $21,000 from the American Chemical Society, Washington, D. C., for support of research entitled "Non-Benzenoid Aromatic Hydrocarbons," September 1, 1964, through August 31, 1967, under the direction of Dr. Virgil Boekelheide, Professor of Chemistry.
Meeting #330

The Ford Foundation

Grant of $13,585 from the Ford Foundation, New York City, for a faculty fellowship for research in business and doctoral dissertation fellowship in economics in behalf of Mr. Edward M. Syring, Jr., July 1, 1964, through June 30, 1966, under the direction of Dr. David A. Baerncof, Assistant Professor of Business Statistics, and Dr. Robert Campbell, Associate Professor of Economics and Acting Head of the Department.

Estate of Camilla Hansen

Gift of $500 to the account entitled Ethel Sawyer Memorial from the Estate of Camilla Hansen, Pasadena, California.

Housing & Home Finance Agency

Grants totaling $60,600 to provide for additional work in the Eugene-Springfield Metropolitan area, and to provide for planning work in Benton and Deschutes Counties, for the periods June 30, 1964, through June 30, 1966, and July 1, 1964, through June 30, 1966, respectively, under the direction of Mr. Herman Kehril, Director, Bureau of Municipal Research, to be provided as follows:

- Housing and Home Finance Agency: $40,400
- Local Matching Funds from Benton and Deschutes Counties: 10,200
- City of Eugene Council and Central Lane Planning Council: 10,000
- Total: $60,600

Petroleum Research Fund

Grant of $5,000 from the Petroleum Research Fund, Washington, D.C., in support of research entitled, "Resonance Effects on the Mechanisms of t-Butyl Percarbamate Decompositions," September 1, 1964, through August 31, 1966, under the direction of Dr. T. W. Koenig, Assistant Professor of Chemistry.

State Dept. of Employment

Grant of $7,201 from the State Department of Employment, Salem, for conducting a workshop in Management Development, August 16 to September 11, 1964, under the direction of Dr. Frederick J. Seubert, Associate Professor of Management.

Tektronix Foundation

Grant of $20,000 from the Tektronix Foundation, Beaverton, Oregon, "for improvements to the University of Oregon nuclear physics program and to assist in recruitment of highly qualified staff," for a period of approximately one year beginning August 1, 1964, under the direction of Dr. John Powell, Head, Department of Physics.

Atomic Energy Commission

Grant of $13,119 from the Atomic Energy Commission, Richland, Washington, for support of research entitled, "Electrophoretic and Histochemical Studies on Blood and Tissue Fluids in X-irradiated Hamsters," August 1, 1964, through July 31, 1965, under the direction of Dr. A. L. Soderwall, Professor of Biology.

U.S. Army Research Office

Grant of $14,384.40 from the U.S. Army Research Office, Durham, North Carolina, for research entitled "3-Dipolar Additions," July 25, 1964, through July 24, 1965, under the direction of Dr. Virgil Boekelheide, Professor of Chemistry.
Grants totaling $212,633 from the U.S. Office of Education, Washington, D.C., for training programs as follows:

1. $167,200 - "For support of a training program for the education of severely emotionally disturbed, the mentally retarded, the physically handicapped and the speech and hearing impaired children," September 1, 1964, to August 31, 1965, under the direction of Dr. Ray Lowe, Professor of Education, and Dr. Kenneth S. Wood, Director of the Speech and Hearing Clinic.

2. $45,433 - "For support of a training program for preparing counselor trainees and youth advisors, to be conducted over the period July 20 through September 11, 1964," under the direction of Dr. Raymond N. Lowe.

Grant of $12,834 from the Peace Corps, Washington, D.C., for "training of Peace Corps Volunteers for a Home Economics Project and to teach English as a Foreign Language in Nepal during the period June 22 through September 16, 1964," August 17 to October 16, 1964, under the direction of Mr. Thomas O. Ballinger, Department of Art Education.

Grants totaling $142,213 from the Vocational Rehabilitation Administration, Washington, D.C., for teaching grants and training programs as follows:

1. $107,131 - "Teaching grant and traineeships in the field of Rehabilitation Counseling, September 1, 1964, through August 31, 1965, under the direction of Dr. Martin Acker, Assistant Professor of Education.

2. $12,479 - "For a teaching grant in Mental Retardation," September 1, 1964, through August 31, 1965, under the direction of Dr. Martin H. Acker.

3. $22,603 - "For support of a training program in speech pathology and audiology," September 1, 1964, through August 31, 1965, under the direction of Dr. Kenneth S. Wood, Professor of Speech.

Grants totaling $199,181 from the U.S. Public Health Service, Bethesda, Maryland, for research, fellowships and other purposes, effective September 1, 1964, through August 31, 1965, unless otherwise indicated as follows:

1. $3,150 - "Predoctoral fellowship on behalf of Mr. H. Edward Tryk," July 1 through December 31, 1964, under the direction of Dr. Frederick R. Fosmire, Professor of Psychology.

2. $6,100 - "Predoctoral fellowship grant on behalf of Mr. Robert H. Iwamoto," under the direction of Dr. Lloyd J. Dolby, Assistant Professor of Chemistry.

3. $5,100 - "Predoctoral fellowship on behalf of Mr. Paul Blattler," under the direction of Dr. F. J. Reithel, Professor of Chemistry.
Meeting #330  

September 14-15, 1964

4. $25,180 - "Studies on Salamander Chromosomes," under the direction of Dr. James Kezer, Associate Professor of Biology.

5. $5,100 - "Predoctoral fellowship on behalf of Mr. Thomas L. Harrington," under the direction of Dr. Fred Attneave, Professor of Psychology.

6. $23,000 - "Mutants of Photosynthetic Bacteria," under the direction of Dr. W. R. Sistrom, Associate Professor of Biology.

7. $34,159 - "Applications of Statistical Thermodynamics in Biology," September 1, 1964, through August 31, 1967, under the direction of Dr. Terrell L. Hill, Professor of Chemistry.

8. $28,616 - "Stereochemistry of Carcinogenesis—Synthetic Aspects," September 1, 1964, through August 31, 1967, under the direction of Dr. L. H. Klemm, Professor of Chemistry.

9. $41,964 - "Enzyme Catalytic Mechanism Studies," September 1, 1964, through August 31, 1966, under the direction of Dr. R. H. Wolfe, Associate Professor of Chemistry.

10. $23,064 - "Investigation of Quaternary Ammonium Alkaloids," under the direction of Dr. Virgil C. Boekelheide, Professor of Chemistry.

11. $3,748 - "Hormonal Control of Amphibian Salt Balance," September 1 through December 31, 1964, under the direction of Dr. Bradley T. Scheer, Professor of Biology.

Grants totaling $210,270 from the National Science Foundation, Washington, D.C., for research, training programs and other purposes as follows:

1. $18,200 - "Prehistoric Cultural Relationships in the Intermontane-Pacific Coast Region," August 1, 1964, through July 31, 1966, under the direction of Dr. Luther S. Cressman Professor Emeritus of Anthropology.

2. $60,600 - "Mixed Motives and Interpersonal Behavior," September 1, 1964, through August 31, 1967, under the direction of Dr. Vello Sermat, Assistant Professor of Psychology.

3. $31,500 - "Undergraduate Research Participation Program," June 1, 1965, through July 31, 1966, under the direction of Dr. Edward Novitski, Head, Department of Biology.

4. $22,400 - "Undergraduate Research Participation Program," June 1, 1965, through July 31, 1966, under the direction of Dr. LeRoy H. Klemm, Professor of Chemistry.

5. $72,500 - "Electronic Spectra of Molecular Crystals and Molecules," September 1, 1964, through August 31, 1966, under the direction of Dr. William T. Simpson, Professor of Chemistry.

7. $770 - "Summer Session Scholarships for designated students."

**University of Oregon Dental School**

**American Dental Association**
Gift of $100 from the American Dental Association, Chicago, Illinois, to defray expenses that may arise as a result of the 1964 Junior Dental Scientists Awards Program, under the direction of Dr. Ellis B. Jump, Head of the Department of Anatomy.

**The Belport Company**
Grant of $2,000 from The Belport Company, Camarillo, California, to complete a study on retraction materials, under the direction of Dr. J. Phatak, Head of the Pharmacology Department, and Dr. R. L. Lang, Head of the Crown and Bridge Department.

**International College of Dentists, USA Section**
Gift of $300 from the International College of Dentists, U.S.A. Section, Minneapolis, Minnesota, for student loans to be selected by the student loan committee.

**U.S. Public Health Service**
Grants totaling $21,864 from the U.S. Public Health Service, Bethesda, Maryland, for research as follows:

1. $12,504 - "Histochemical Variations of Oral Keratosis," August 1, 1964, through July 31, 1965, under the direction of Dr. Norman H. Rickles, Head, Department of Oral Pathology.

2. $9,360 - "Direct Blood Vessel Anastomosis," September 1, 1964, through August 31, 1965, under the direction of Mr. Richard S. Pope, Principal Investigator.

**University of Oregon Medical School**

**Scholarships & Fellowships**
Gifts and grants totaling $700 from the following two donors for scholarships and fellowships:

Woman's Auxiliary to the Jackson County Medical Society, Medford $ 200.00
Estarl Awards Committee of the Grand Chapter of Oregon, O.E.S., Portland 500.00

**American Cancer Society, Inc.**
Grant of $30,803 from the American Cancer Society, Inc., New York City, in support of research entitled "Free Radicals and Oxygen Metabolism," July 1, 1964, through June 30, 1965, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

**American Cancer Society, Oregon Div.**
Grant of $750 from the American Cancer Society, Oregon Division, Portland, in support of research entitled, "The Study of Epidermal Papillomas in Fleuronecctid Fishes," July 1 to December 31, 1964, under the direction of Dr. S. R. Wellings, Associate Professor of Pathology.
<table>
<thead>
<tr>
<th><strong>Meeting #330</strong></th>
<th><strong>September 14-15, 1964</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>American Heart Assoc., Inc.</strong></td>
<td>Grant of $8,635 from the American Heart Association, Inc., New York City, in support of research entitled, &quot;A Controlled Long-Term Study of Continuous Prophylactic Anti-coagulant Therapy,&quot; July 1, 1964, through June 30, 1965, under the direction of Dr. Arthur J. Seaman, Professor of Medicine.</td>
</tr>
<tr>
<td><strong>Beta Sigma Phi</strong></td>
<td>Gift of $100 from Beta Sigma Phi, Albany, to aid the various investigators on the campus in research on cancer.</td>
</tr>
<tr>
<td><strong>Duke Laboratories Incorporated</strong></td>
<td>Grant of $1,000 from Duke Laboratories, Inc., South Norwalk, Connecticut, for research in the Division of Dermatology under the direction of Dr. Lobitz, Head of the Division.</td>
</tr>
<tr>
<td><strong>Elk Lumber Company</strong></td>
<td>Gift of $235.68 to Doernbecher Hospital from the Elk Lumber Company and its employees, Medford, for the unrestricted use of the Doernbecher Hospital.</td>
</tr>
<tr>
<td><strong>Max Gehlhar</strong></td>
<td>Gift of $150 from Max Gehlhar, Salem, for research in the Division of Urology.</td>
</tr>
<tr>
<td><strong>Mrs. F. G. Harland</strong></td>
<td>Gift of $300 from Mrs. F. G. Harland in memory of her husband, Ferrin G. Harland, to be used for Cancer Research.</td>
</tr>
<tr>
<td><strong>Hyman, Hyman &amp; Horowitz</strong></td>
<td>Gift of $100 from Milton D. Hyman, M.D., Selma Hyman, M.D., and Irving J. Horowitz, M.D., all of Portland, for the purchase of books for the Medical School Library.</td>
</tr>
<tr>
<td><strong>Dr. Dietrich Kirchheim</strong></td>
<td>Gift of $697.94 from Dr. Dietrich Kirchheim, Portland, for research in the Division of Urology, under the direction of Dr. Clarence V. Hodges, Head of the Division of Urology.</td>
</tr>
<tr>
<td><strong>National Aeronautics &amp; Space Administration</strong></td>
<td>Grant of $12,000 from the National Aeronautics and Space Administration, Moffett Field, California, for a &quot;contract for Ocular Impedance Plethysmograph,&quot; October 1, 1963, through June 11, 1964, under the direction of Dr. Robert V. Hill, Assistant Clinical Professor of Ophthalmology.</td>
</tr>
<tr>
<td><strong>National Cystic Fibrosis Research Foundation</strong></td>
<td>Grants totaling $2,300 from the National Cystic Fibrosis Research Foundation, New York City, for research and fellowships as follows:</td>
</tr>
<tr>
<td></td>
<td>1. $800 - &quot;Medical Student Summer Fellowship Grant,&quot; June 15, through September 14, 1964, under the direction of Dr. Robert A. Campbell, Instructor in Pediatrics.</td>
</tr>
<tr>
<td></td>
<td>2. $1,500 - &quot;For Research in Pediatrics Department,&quot; under the direction of Dr. Campbell.</td>
</tr>
<tr>
<td><strong>U.S. Fish &amp; Wild Life Service Employees</strong></td>
<td>Gift of $200 from U.S. Fish and Wild Life Service Employees of 8 Western States, Portland, for research in the Division of Diabetes and Metabolism, under the direction of Dr. Richard E. Bailey, Assistant Professor of Medicine.</td>
</tr>
</tbody>
</table>
Grants totaling $38,773 from the Oregon Heart Association, Portland, for research, fellowships, and other purposes, effective July 1, 1964, through June 30, 1965, unless otherwise indicated, as follows:

1. $3,500 - "A Controlled Study of the Influence of Continuous Anticoagulant Therapy with and Without Low-Fat Diet on Survival and Rehabilitation in Thrombo-Embolic Cerebro-Vascular Disease," under the direction of Dr. Arthur J. Seaman, Associate Professor of Medicine.

2. $2,500 - "The Appearance of the Heart and Lungs in Chest Radiographs of Premature and Newborn Infants," under the direction of Dr. James B. Haworth, Associate Professor of Radiology.

3. $3,500 - "Studies of Sulfated Mucopolysaccharide Metabolism in Gargoylism and in Rheumatic Heart Disease," under the direction of Dr. James H. Austin, Associate Professor of Neurology.

4. $5,000 - "Postdoctoral Fellowship," July 1, 1964, through June 30, 1966, under the direction of Dr. George W. Schemm, Division of Neurosurgery.

5. $4,200 - "Continued Studies of Whale Anatomy and Physiology," under the direction of Dr. Richard Lyons, Assistant Professor of Anatomy.

6. $2,695 - "Optimal Environmental Conditions for Infants with Severe Cyanotic Heart Disease or Congestive Heart Failure," under the direction of Dr. Martin H. Lees, Associate Professor of Pediatrics.

7. $3,000 - "Arteriosclerotic Vascular Obstructions-a simple method of early detection and non-surgical dilatation of narrowed or obstructed arteries," under the direction of Dr. Melvin P. Judkins, Research Fellow and Instructor in Radiology.

8. $4,000 - "In further support of a research project in Cardiovascular Research," under the direction of Dr. James Metcalfe, Associate Professor of Medicine.

9. $1,078 - "Effect of Metaraminol and of Angiotensin on Blood Volume and on the rate of Renal Excretion of Sodium and Potassium following Intravenous Administration of Hypertonic Saline," under the direction of Dr. G. Henry Schmitt, Resident, Internal Medicine.

Meeting #330

September 14-15, 1964

11. $5,500 - "Postdoctoral Fellowship to Dr. Richard P. Lewis," July 14, 1964, through June 15, 1965, under the direction of Dr. Herbert E. Griswold, Professor of Medicine.

Oregon State Board of Health

Grants totaling $9,000 from the Oregon State Board of Health, Portland, effective July 1, 1964, through June 30, 1965, for research as follows:

1. $6,000 - "A Cervical Cancer Detection Service by the Medical School," under the direction of Dr. S. R. Wellings, Professor of Pathology.

2. $3,000 - "A retrospective Cervical Cytology Study of certain patients seen and examined subsequent to January 1, 1961," under the direction of Dr. S. R. Wellings.

U.S. Public Health Service

Grants totaling $1,201,511 from the U.S. Public Health Service, Bethesda, Maryland, effective July 1, 1964, through June 30, 1965, unless otherwise indicated, for research, fellowships, training programs and other purposes as follows:

1. $81,305 - "Graduate Training in Department of Dermatology," under the direction of Dr. Walter C. Lober, Junior, Professor of Dermatology.

2. $67,575 - "Graduate Training in Physiology Department," under the direction of Dr. John Brookhart, Professor of Physiology.

3. $18,780 - "Graduate Training in Anesthesiology," under the direction of Dr. Frederick P. Hagen, Professor of Anesthesiology.

4. $26,520 - "Graduate Training in Endocrinology," under the direction of Dr. Monte A. Greer, Professor of Endocrinology.

5. $15,785 - "Learning and the Central Nervous System," under the direction of Dr. Richard F. Thompson, Assistant Professor of Medical Psychology.

6. $55,000 - "Graduate Training Program in Basic Medical Science," under the direction of Dr. John Brookhart.

7. $29,572 - "Undergraduate Training in Psychiatric Nursing," under the direction of Miss Jean E. Boyle, Director of the School of Nursing.

8. $17,280 - "Graduate Training in Anatomical Sciences," under the direction of Dr. R. L. Bacon, Professor of Anatomy.

9. $25,920 - "Residency Training in Department of Psychiatry," under the direction of Dr. George Saslow, Professor of Psychiatry.

10. $64,499 - "Further support of Training Program in Bacteriology Department," under the direction of Dr. Arthur W. Frisch, Professor of Bacteriology.
11. $23,999 - "Graduate Training in Neurosurgery," under the direction of Dr. George Austin, Professor of Neurosurgery.

12. $33,528 - "Graduate Training Program in Arthritis and Metabolic Diseases," under the direction of Dr. Daniel M. Bachman, Associate Professor of Medicine.

13. $34,603 - "Graduate Training in Arthritis and Metabolic Diseases," under the direction of Dr. Daniel Labby, Head of the Diabetes and Metabolic Division, and Dr. Richard E. Bailey, Assistant Professor, Diabetes and Metabolic Division.

14. $122,299 - "Graduate Training in Oncology, Experimental and Clinical Training," under the direction of Dr. Howard J. Tatum, Professor of Obstetrics and Gynecology.

15. $22,582 - "Career Award: Dr. Monte A. Greer, 'General Studies of Thyroid Physiology and Disease,'" under the direction of Dr. Greer.

16. $2,450 - "The Anatomy of Human Growth and Development," June 1, through August 31, 1964, under the direction of Dr. Anthony A. Pearson, Professor of Anatomy.

17. $51,725 - "Graduate Training in Ophthalmology Department," under the direction of Dr. Kenneth C. Swan, Professor of Ophthalmology.

18. $35,000 - "Graduate Training in Department of Pathology," under the direction of Dr. S. R. Wellings, Department of Pathology.

19. $52,639 - "Graduate Training in Medical Cardiology," under the direction of Dr. James Metcalfe, Associate Professor of Medicine.

20. $17,331 - "Graduate Training Program in Pediatric Biochemistry," under the direction of Dr. Richard W. Olmsted, Professor of Pediatrics.

21. $26,033 - "Faculty Training for Teaching Mental Health Concepts," under the direction of Miss Jean Boyle.

22. $45,368 - "For Undergraduate Training in Psychiatry Department," under the direction of Dr. George Saslow.

23. $17,312 - "Career Development Award in Mental Health for Dr. Donald D. Denney for studies involving: 'Central Nervous System Function and Behavior,'" under the direction of Dr. Denney, Assistant Professor of Psychiatry.

24. $500 - "Postdoctoral Fellowship Grant in Behalf of Dr. Pier Luigi Parmeggiani," January 1 through December 31, 1964, under the direction of Dr. John M. Brookhart.
25. $14,744 - In further support of a Career Development Award on a research project entitled: "Chemistry and Biochemistry of the Neurohumorals," August 1, 1964, through July 31, 1965, under the direction of Dr. Jacob H. Fellman, Assistant Professor of Neurology.

26. $9,600 - "Collaborative Study of Cerebral Palsy," December 1, 1963, through November 30, 1964, under the direction of Dr. Ralph C. Benson, Professor of Obstetrics and Gynecology.

27. $40,850 - "Experimental Study of Thrombosis in Retinal Vessels," June 22, 1964, through August 31, 1965, under the direction of Dr. Arthur J. Seamon.

28. $52,094 - "In support of a Cooperative Doctoral Training Program in Speech Pathology and Audiology between the University of Oregon and the University of Oregon Medical School," July 1, 1964, through August 31, 1965, under the direction of Dr. Herold S. Lillywhite, Director of Speech and Hearing Clinic.

29. $13,767 - "Cardiovascular Physiology in Pregnancy," June 1, 1964, through August 31, 1965, under the direction of Dr. James Metcalfe, Associate Professor of Medicine.


31. $14,998 - "Studies on 5-Ribosyluracil as a Component of RNA," March 1, 1964, through February 28, 1965, under the direction of Dr. Adam W. Lis, Research Associate, Department of Pathology.

32. $110,467 - "Graduate Training Program in the Department of Otolaryngology," August 1, 1964, through June 30, 1966, under the direction of Dr. David D. DeWeese, Professor of Otolaryngology.

William J. Zellerbach Foundation
Gift of $50 for general use of the Medical School from the William J. Zellerbach Foundation.
### Scholarships & Fellowships

Gifts and grants totaling $32,487.17 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Donor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Abbott Foundation, North Chicago, Illinois</td>
<td>$300.00</td>
</tr>
<tr>
<td>Bennett College, Greensboro, North Carolina</td>
<td>$250.00</td>
</tr>
<tr>
<td>The Boeing Company, Seattle, Washington</td>
<td>$2,640.00</td>
</tr>
<tr>
<td>Blyth and Company, Inc., Spokane, Washington</td>
<td>$1,041.00</td>
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<tr>
<td>Crown Zellerbach Foundation, San Francisco, Calif.</td>
<td>$9,375.00</td>
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<td>Fullerton IV PTA, Roseburg</td>
<td>$110.00</td>
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<td>Grand Guardian Council of Oregon, International</td>
<td>$900.00</td>
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<tr>
<td>Order of Job’s Daughters, Lakeview</td>
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<tr>
<td>Robert Johnson Trust Fund</td>
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<td>Las Cruces Schools, Las Cruces, New Mexico</td>
<td>$200.00</td>
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<td>Longview Fibre Company, Longview, Washington</td>
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<td>Oregon Congress of Parents and Teachers, Portland</td>
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<td>Oregon Home Economics Association, Portland</td>
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<tr>
<td>Oregon State Federation of Garden Clubs, Corvallis</td>
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<tr>
<td>Oregon State University Foundation</td>
<td>$110.00</td>
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<td>Pequannock Township High School, Pompton Plains, New Jersey</td>
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<tr>
<td>Relston Purina Company, St. Louis, Missouri</td>
<td>$500.00</td>
</tr>
<tr>
<td>Santa Ana Division, ITT Cannon Electric Inc., Santa Ana, California</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>The Society of Woman Geographers Trust, New York, New York</td>
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<tr>
<td>Weyerhaeuser Company Foundation, Tacoma, Wash.</td>
<td>$6,000.00</td>
</tr>
<tr>
<td>Chester M. Wilcox Memorial Scholarship</td>
<td>$4,000.00</td>
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### Agricultural Research Foundation

Gift of equipment valued at $2,472.90 from the Agricultural Research Foundation, Corvallis, for use by the Klamath Experiment Station and the Mid-Columbia Experiment Station.

### Associated Oregon Industries

Grant of $8,300 from Associated Oregon Industries, Portland, "To study wood waste disposal and its effect on air quality in the Medford area," June 15 through October 31, 1964, under the direction of Dr. R. W. Boubel, Associate Professor of Mechanical Engineering.

### Bechtel Corporation

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

### Boise Cascade Corporation

Gift of $100 from the Boise Cascade Corporation, Boise, Idaho, in support of "Summer Institute in Mathematics."

### DeVlieg Machine Company

Gift of precision machine tools, valued at $488.75, from the DeVlieg Machine Company, Royal Oak, Michigan.

### First National Bank of Oregon

Gift of $250 from the First National Bank of Oregon, Portland, in support of a Summer Institute in Mathematics.
Grant of $15,450 from the Institute of International Education, New York City, "to accommodate costs of providing an Orientation Course for approximately 30 foreign students; to record costs of room and board and books for same students," August 7 to September 12, 1964, under the direction of Dr. Clara Simerville, Foreign Student Advisor.

Grant of $4,500 from The Rockefeller Foundation, New York City, This is an unrestricted grant in consideration of the Rockefeller Foundation Fellows and Scholars enrolled at Oregon State University.

Grant of $5,000 from the State Highway Department, Salem, for soil tests, July 1, 1964, through June 30, 1965, under the direction of Mr. James G. Knudsen, Assistant Dean of Engineering.

Grant of $150,920 from the Peace Corps, Washington, D.C., for a "Program to train approximately 60 peace corps trainees for service in India," August 31 through November 15, 1964, under the direction of Dr. George C. Petter, Associate Professor of Sociology.

Grants totaling $137,555 from the U.S. Department of Agriculture, Washington, D.C., for research, as follows:

1. $135,555 - "The Chemistry of Butter Flavors," June 16, 1964, through June 15, 1968, under the direction of Dr. E. A. Day, Associate Professor of Food Science and Technology.

2. $2,000 - "For research in connection with wheat wafer shelter rations," under the direction of Dr. R. F. Cain, Professor of Food Science and Technology.

Grants totaling $218,526 from the U.S. Air Force, Wright-Patterson Air Force Base, Ohio, for research, as follows:

1. $149,410 - "Studies of Environments Pollution by Missile Propellants," July 1, 1964, through June 30, 1967, under the direction of Dr. C. H. Wang, Professor of Chemistry.


Grant of $20,000 from the U.S. Army Corps of Engineers, Vicksburg, Mississippi, in continued support of research entitled: "Characterization of Water Tables in Oregon Soils with Reference to Trafficability," under the direction of Dr. L. Boersma, Assistant Professor of Soils.

Grants totaling $12,429.50 from the U.S. Department of the Interior, Washington, D.C., for research and other purposes as follows:

1. $3,300 - "Fishery Resource Management Study of Lakes and Streams," for the summer of 1964, under the direction of Dr. Carl E. Bond, Professor of Fisheries.
2. $500 - "Graduate Educational Grant in Aquatic Sciences," under the direction of Dr. Wayne V. Burt, Chairman, Department of Oceanography.

3. $5,279.50 - For a course for personnel of the Bureau of Land Management, entitled: "Economics of Public Land Management," for the summer of 1964, under the direction of Dr. Emery N. Castle, Professor of Agricultural Economics.

4. $3,350 - "For soil sampling and testing," September 15, 1963, through September 1, 1964, under the direction of Mr. James G. Knudsen, Assistant Dean of Engineering.


Grants totaling $123,742 from the U.S. Atomic Energy Commission, Richland, Washington, for research, effective June 1, 1964, through May 31, 1965, as follows:

1. $49,512 - "Properties of Polypeptidyl Proteins," under the direction of Dr. Robert R. Becker, Associate Professor of Chemistry.

2. $63,700 - "Radioanalysis of Oceanic Organisms in the Pacific Ocean off Oregon," under the direction of Dr. Charles L. Osterberg, Associate Professor of Oceanography.

3. $10,530 - "A Study of the Mechanism of Divalent Cation Uptake by Plants," under the direction of Dr. David P. Moore, Assistant Professor of Soils.

National Science Foundation

Grants totaling $192,892 from the National Science Foundation, Washington, D.C., for fellowships and other purposes as follows:

1. $12,500 - "Science Faculty Fellowships Program," June 1, 1964, through August 31, 1965, under the direction of Dean H. P. Hansen, Dean of the Graduate School.

2. $6,402 - "Program of Summer Fellowships for Graduate Teaching Assistants," June 1, through August 31, 1964, under the direction of Dean H. P. Hansen.

3. $54,925 - "Cooperative Graduate Fellowships Program," June 1, 1964, through May 31, 1965, under the direction of Dean H. P. Hansen.

4. $23,100 - "To carry participant costs for four fellows under a Graduate Fellowship Program," June 1, 1964, through May 31, 1965, under the direction of Dean H. P. Hansen.

5. $95,965 - "To assist colleges and University in the development and maintenance of sound, well-balanced programs of research, education, and related activities in the sciences," July 1, 1964, through June 30, 1965, under the direction of Dean Popovich, Dean of Administration.
Grants totaling $202,505 from the U.S. Public Health Service, Washington, D.C., for research, training programs and other purposes, as follows:

1. $35,351 - "Fungitoxic Residues in Soil, Water and Plants," June 1, 1964, through May 31, 1965, under the direction of Dr. M. E. Corden, Associate Professor of Botany and Plant Pathology.

2. $74,247 - "Simulation Techniques in Mathematical Biology," June 1, 1964, through May 31, 1965, under the direction of Dr. Walter R. Stahl, Associate Professor of Mathematics, and Dr. Harry E. Goheen, Professor of Mathematics.

3. $23,760 - "Training Program in Cellular and Molecular Biology," July 1, 1964, through June 30, 1965, under the direction of Dr. Robert W. Newburgh, Professor of Chemistry.

4. $48,742 - "Training Program in Microbiology," July 1, 1964, through June 30, 1965, under the direction of Dr. P. R. Elliker, Professor of Microbiology, Dr. C. M. Gilmour, Professor of Soil Microbiology, Dr. R. Y. Morita, Associate Professor of Marine Microbiology and Oceanography, and Dr. W. V. Burt, Professor of Oceanography and Chairman of the Department.

5. $20,405 - "Training in Water Supply and Pollution Control," under the direction of Dr. Emery N. Castle, Professor of Agricultural Economics.

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

Agricultural Research Foundation

$475 - "The Effect of Soil Fumigants on Soil Microorganisms and their Activity," under the direction of Dr. W. B. Bollen, Professor of Soil Microbiology.

Bonneville Power Administration

$442.50 - "Inspection and Preservative Treatment of Poles in Line," and "Improved Serviceability of Wood Products Used by Bonneville Power Administration," under the direction of Mr. Robert D. Graham, Associate Professor of Forest Products.

$892.50 - "Improved Serviceability of Wood Products," and "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Robert D. Graham.

California Chemical Company

$500 - "Evaluation of insecticides for control of strawberry root weevil and raspberry crown borer," under the direction of Dr. R. G. Rosenstiel, Associate Professor of Entomology.

$400 - "Research on chemical curing of range forage grasses," under the direction of Mr. Forrest Sneva, Assistant Professor of Range Management.
Campbell Soup Company $3,800 - "Support of plant breeding research on the genetics of biochemicals associated with quality of snap beans, and factors affecting suitability of fruits and vegetables for processing," under the direction of Dr. W. A. Frazier, Professor of Horticulture, and Dr. E. A. Day, Associate Professor of Food Science and Technology.

Chemagro Corporation $500 - "A Study of Entomological Pests of Vegetable Crops," under the direction of Dr. H. H. Crowell, Associate Professor of Entomology.

Dow Chemical Company $300 - "Brush Control on Forest Lands," under the direction of Dr. M. Newton, Assistant Professor of Forest Management.

Eli Lilly & Company $300 - "The effect of gibberellic acid on fruit set in peaches," under the direction of Dr. Porter B. Lombard, Associate Professor of Horticulture.

Louis & Maud Hill Family Foundation $22,009 - "Improvement in teaching and learning," under the direction of Dr. R. R. Reichert, Professor of Forestry Education.

Klamath River Compact $16,163 - "Studies relative to algae in the Klamath River Basin," under the direction of Dr. R. K. Phinney, Professor of Botany.

Estate of Minnie C. Lusk, deceased $3,392.59 - "For research and experimentation by the Agricultural Experiment Station to improve the basic knowledge, technology, and economic stability of Oregon Agriculture," under the direction of Dean F. E. Price of the School of Agriculture.

Malheur County Onion Growers Association $1,750 - "In support of research on onion root diseases," under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology.

Mink Farmer's Research Foundation $8,500 - "Research on Nutrition of Ranch Mink," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

Northwest Public Power Association $3,450 - Cooperative research on "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Robert D. Graham.

Northwest Canners & Freezers Assoc. $248.42 - "Research grant for breeding disease resistant peas," under the direction of Dr. W. A. Frazier, Professor of Horticulture.

$9,500 - "Snap-bean breeding, beet and carrot research and bean blossom drop research," under the direction of Dr. W. A. Frazier; Dr. R. M. Bullock, Professor of Horticulture; Dr. R. F. Cain, Professor of Food Science and Technology; and Dr. E. K. Vaughan.
$6,800 - "Experimental Stream Studies of the Physiology and Ecology of Sphaerotilus Natans," under the direction of Dr. C. E. Warren, Associate Professor of Fisheries.

$5,000 - "Composition of Milk," under the direction of Dr. I. R. Jones, Professor of Animal Science.

$3,511.62 - "Investigation of Viruses and Bacteria Pathogenic for Fish," under the direction of Dr. K. S. Pilcher, Professor of Medical Microbiology.

$3,500 - "To support research on Verticillium Wilt of Potato," under the direction of Dr. R. L. Powelson, Assistant Professor of Plant Pathology.

$3,500 - "Expanded research program on wheat varieties," under the direction of Dr. C. R. Rhode, Associate Professor of Agronomy and Mr. J. T. McDermid, Assistant Professor of Agronomy.

$5,000 - "Research on Biology of the Cereal Foot Rot Pathogen," under the direction of Dr. R. L. Powelson.

$450 - "Pesticide Residues, Their Nature Distribution and Persistence in Plants, Animals and Soils," under the direction of Dr. V. H. Freed, Professor of Chemistry.

$1,050 - "Support of research on peppermint diseases," under the direction of Dr. C. E. Horner, Associate Professor of Plant Pathology.

$3,737.50 - "Studies on Selenium Effects in Sheep," under the direction of Dr. O. H. Muth, Professor of Veterinary Medicine.

$376.31 - "To develop workable procedures for sampling wood from a population of western hemlock trees, determine strength and related properties and cost factors," under the direction of Mr. James D. Snodgrass, Professor of Forest Products.

Portland State College

Gifts and grants totaling $735 from the following donors for scholarships and fellowships:

Blitz-Weinhard Foundation, Portland  $ 100.00
Philomath Parent-Teacher Association  125.00
Portland Rose Festival Association  310.00
Oregon Association of Club Women, Portland  200.00
Gift of eighty musical records, about half semi-popular and half classical, valued at $250.00, to the library from the Capitol Records Distributing Corporation, Hollywood, California.

Gift of recreation equipment, valued at $710, to the College Center Game Room from Don Hall Pharmaceutical Laboratories, Portland.

Gift of a No. 500 A Scopemobile to the Biology Department from Tektronix, Inc., Beaverton. This equipment is valued at $99.50.


Grant of $1,200 from the U.S. Department of the Interior, San Francisco, California, for research entitled, "Salvage archeology in the Cascadia Reservoir Area of the South Santiam River in Linn County, Oregon," June 10 to October 30, 1964, under the direction of Dr. Thomas M. Newman, Principal Investigator.

Grant of $43,364 from the U.S. Department of State, Washington, D.C., "To pay for student transportation, board and room and teaching supplies and materials to assist in carrying out a summer institute in Arabic studies in Cairo, Egypt," May 11, to August 31, 1964, under the direction of Dr. Frederick J. Cox, Professor of History.

Gift of a motion picture entitled, "Wheels of Progress," from Mr. Earl H. Schaubel, Portland. This film is valued at $200.

Gift of $3,786.82 to the PSC Student Loan Fund, from 447 PSC students who donated the balances in their General Deposit accounts.

Gifts and grants totaling $2,275 from the following donors for scholarships and fellowships:

- Crown Zellerbach Foundation, San Francisco, Calif. $ 1,875.00
- Girls' League Association, Junction City High School 100.00
- International Order of Job's Daughters, Lakeview 300.00

Grants totaling $104,488 from the U.S. Department of Health, Education and Welfare, Washington, D.C., for research and other purposes, as follows:

1. $11,490 - "To prepare a monograph, illustrated with drawings and photographs, to demonstrate how the various media can assist with the education of the preschool child," May 18, 1964, to May 17, 1965, under the direction of Dr. Jack V. Edling, Director of Teaching Research Division.
2. $4,205 - "The Use of Simulation Techniques to Change Attitudes of Education Majors Towards Professional Course Objectives," July 1, 1964, to June 30, 1965, under the direction of Mr. Jack H. Bond, Instructor in Research.

3. $4,184 - "The Relationship of Two Techniques for Developing Slide-Tapes to Their Structure and Effectiveness," July 1, 1964, to June 30, 1965, under the direction of Mr. Casper F. Paulson, Assistant Professor of Research.

4. $11,600 - "To assist in preparation of professional personnel in the education of speech and hearing handicapped," September 1, 1964, to August 31, 1965, under the direction of Dr. Robert L. Mulder, Professor of Speech Pathology.

5. $3,994 - "Audio Simulation to Control Reinforcement of Selected Counseling Behaviors," July 1, 1964, through June 30, 1965, under the direction of Dr. James H. Bealrd, Professor of Research.

6. $36,905 - "To objectively measure behaviors of children and adolescents and to determine whether these behaviors are differentiated in terms of chronological age, sex, intelligence, and academic achievement," August 1, 1964, through January 31, 1966, under the direction of Dr. James H. Bealrd.

7. $32,110 - "Conduct Program for Training Counselors for the Deaf," September 1, 1964, through August 31, 1965, under the direction of Dr. William N. Craig, Assistant Professor of Education for the Deaf.

**Eastern Oregon College**

**Scholarship**
Gift of $300 from the Grand Chapter of Oregon, Order of Eastern Star, Salem, for a scholarship for a designated student.

**Loan Fund**
Gifts and grants totaling $300.25 from the following donors in support of loan fund programs:

- EOC Graduating Class of 1963, La Grande $ 100.25
- Kiwanis Club, La Grande 100.00
- Mr. Otis Palmer, La Grande 100.00

**Division of Continuing Education**

**Scholarships & Fellowships**
Gifts and grants totaling $580 from the following donors for scholarships and fellowships:

- Crown Zellerbach Foundation, San Francisco, Calif. $ 180.00
- Hillsboro Aviation, Hillsboro 100.00
- Pacific Power & Light Company, Portland 150.00
- The Oregon State Federation of Garden Clubs, Inc., Corvallis 150.00
Meeting #330

U.S. Dept. of the Army

Grant of $62,000 from the U.S. Department of the Army, Washington, D.C., "To support conferences and courses to be conducted with civil defense programs during the 1964-65 fiscal year," July 1, 1964, to June 30, 1965, under the direction of Dr. Viron A. Moore, Director of State-wide Services.

U.S. Dept. of Health, Educ. & Welfare


Recommended Legislation for Urban Planning Assistance, Bureau of Municipal Research, UO

Under recently enacted federal regulations, it is necessary to amend ORS 351.260 in order to provide authority for the Board through the Bureau of Municipal Research and Services, University of Oregon, to prepare applications to the Housing and Home Finance Agency for funds for advisory services to cities, counties and regional planning agencies, to provide follow-up services, and to prepare explanatory materials which would reduce the need for field consultation.

It was recommended by the President of the University of Oregon, with the concurrence of the Chancellor, that the Board authorize the seeking of legislation in 1965 to effect such changes.

The Board approved the recommendation as presented.

Report of National Bodies Concerning aspects of the programs offered at Oregon Technical Institute are presented for the information of the Board:

Oregon Technical Institute Programs

1. In a letter dated July 21, 1964, the Council on Dental Education of the American Dental Association reported that as a result of a review of a report of the dental assistant training program at Oregon Technical Institute by a committee which visited OTI in March 1964 for the purpose of examining Oregon Technical Institute's program, the Council on Dental Education has accorded OTI's program full approval.

A copy of the formal report of the council will be forthcoming shortly, and will be available should members of the Board wish to examine it in detail.

2. In a letter dated July 23, 1964, the Committee on Technician Training of the American College of Radiology reported that as a result of the survey of OTI's program in medical X-ray technology made in May 1964, the Committee has recommended to the Council on Medical Education of the American Medical Association that approval be given to the program in medical X-ray technology as part of the training of X-ray technicians in hospital schools which affiliate with OTI. The letter reports that: "Both Dr. Woodruff and Mr. Ott (the officials who visited OTI and examined the program) were highly complimentary of the general program, the officers of instruction, and the general plan of operation."
The Council on Medical Education of the American Medical Association will take formal action on the above recommendation at its November meeting.

The Board accepted the report.

Action on rules and regulations in 1954 regarding educational broadcasting was last taken by the Board prior to the establishment of Oregon's educational television broadcasting complex.

It has been recommended by Vice Chancellor Sherburne, with the approval of the Chancellor, that the following revisions be made in the Administrative Code in order that programming can be established which is consistent with present acceptable standards and practices of educational broadcasting throughout the nation:

1 - Sections C-12 and C-13 of the Administrative Code are hereby repealed.

2 - In lieu thereof the following rules and regulations concerning educational radio and television broadcasting are hereby adopted:

C-12 Educational Broadcasting

A. Programs are authorized during the time of Oregon legislative sessions and members of the house of representatives and the senate are to be invited to participate. Legislators are free to handle the content of time allotted to them in any way they choose, to discuss any issues, and to invite other persons to participate with them.

B. Proper safeguards are to be taken in announcements on each program broadcast by the educational stations so that the Board and the stations do not bear any responsibility for material presented by members of the legislative assembly or their guests. Such announcements are to read as follows: "In offering the facilities of the state educational broadcasting service to elective officials of Oregon, this station and the state board of higher education take no position on controversial matters which may have been dealt with on the preceding program."

C. It is understood that the use of the studio facilities in the Capitol building will be made available to legislators and other state officials, and to other stations, for the preparation, at cost, of any broadcasts.

D. It is considered a part of programming policy that the governor of the state of Oregon or his authorized representative be invited to participate in various programs.

E. Oregon Educational broadcasting stations are authorized to present programs which offer differing points of view concerning political and controversial issues. Federal statutes and rules and regulations of the Federal Communications Commission covering political candidates and controversial issues will apply to programming.
F. Institutional credit announcements may be made by the stations in return for use of program material.

The Board approved the recommendations as presented.

President Holloway stated that the next meeting of the Board would be held on the campus of Oregon Technical Institute in Klamath Falls on October 26-27, 1964. President Purvine indicated that tentative motel reservations had been made for the Board and central office staff and that further information would be provided within the next week or two. He also announced that the dedication ceremonies for the new Oregon Technical Institute campus were presently scheduled to begin at 2:00 P.M. Sunday, October 25.

President Holloway introduced Senator Don S. Willner of Portland who had requested an opportunity to appear before the Board to present the following statement:

"Senate Joint Resolution 8, enacted by the 1963 Legislative Assembly, provides that the State Board of Higher Education shall:

1. Establish a quality program of graduate education in the arts and sciences in the Portland metropolitan area; and

2. Complete plans for such a program so that appropriate budgetary requests may be made for the 1965-1967 biennium.

"As the principal sponsor of Senate Joint Resolution 8, I would like to thank the Board of Higher Education for its thoughtful response to this legislative mandate. I agree with your assumptions that a graduate center should be built near Portland State College, that the initial graduate program should be offered at that center by the University of Oregon and Oregon State University, and that the undergraduate base of Portland State College in the physical sciences should be improved preparatory to graduate work in that field.

"Since SJR 8 was enacted, the Federal Government has passed a law providing matching money for graduate centers, and private groups in the Portland area seem to have increasing willingness to cooperate with the State System in the development of a quality graduate program. Private foundation grants for advanced research continue to be available.

"In addition to engineering we need an early start in Portland in advanced mathematics, biophysics and bioengineering which could have such a close relationship with the development of new science-based industry in the Portland metropolitan area.

"You have given us a blueprint with a specific price tag for a graduate study and research program in Portland. This is a good minimum program and may be all the Legislature would wish to allocate this biennium. I would, however, like to see you take the next step and tell us the wisest use of additional money that might be available from other sources for a Portland area graduate program and aggressively seek such additional funds. It is true
that education dollars are in some sense competitive, but I disagree with any assumption that additional dollars for a quality graduate program in Portland are necessarily a diminution of support available for other portions of the state system's budget.

"The people may wish to place a higher priority and a greater sense of urgency on this program because of its importance to Oregon's developing economy. We need from you a vision of what could grow at the Portland graduate center which would not be competitive with other graduate programs in the state and could give this Portland effort a unique excellence which would prove to be a magnet for present and future business and industry.

"I will do my best to rally support for this program for quality graduate education in the Portland metropolitan area which can be of such great value to the entire state."

At the conclusion of the above statement, Dr. Romney asked Senator Willner to identify again the possible sources of additional funds referred to, which would permit the early or immediate development of a graduate study and research program in the Portland area beyond the first stage approved by the Board for presentation to the 1965 Legislature. Dr. Romney indicated that it was his impression that one of the functions of the Board of Trustees appointed by the Governor to establish the autonomous Oregon Graduate Center for Study and Research was to seek private funds from the business and industrial community of Oregon, particularly the Portland area, and from other private sources.

Senator Willner emphasized that he had come in praise and support of the program as developed by the Board, but that he thought even more could be accomplished on a long-term basis through funds in addition to state appropriations. He identified the potential sources of additional funds as the federal government's matching fund program for graduate centers, private business and industry, and private foundation grants. He mentioned specifically the possibility of federal matching funds for a graduate center structure. Dr. Romney indicated that the Chancellor had been in close touch with Representative Edith Green and on several occasions had discussed with her the interest of the State System in making use of matching funds from the federal government. Dr. Romney added that he would follow through on Senator Willner's proposals to the extent possible in advance of the 1965 Legislature.

President Holloway expressed appreciation to Senator Willner for his presentation and indicated that an attempt would be made to provide him with additional information regarding the long-range plan for graduate work in the Portland area and an estimate of the probable costs.

**ADJOURNMENT**

The meeting was adjourned at 11:00 A.M.

Chas. R. Holloway, Jr., President

R. L. Collins, Secretary
SUPPLEMENT A

HOUSING AND HOME FINANCE AGENCY
COMMUNITY FACILITIES ADMINISTRATION

AGREEMENT FOR PUBLIC WORKS PLAN PREPARATION

Project No. __________
Contract No. __________

TO: (Legal Corporate Name of Applicant)

(Address of Applicant)

Pursuant to the provisions of Public Law 560, 83rd Congress, as amended, and your application, as modified and supplemented, and subject to the Terms and Conditions, dated __________, attached hereto and made a part hereof, the UNITED STATES OF AMERICA, acting by and through the Housing and Home Finance Administrator, hereby offers to make you an advance of not to exceed $ __________ to aid you in financing the cost of plan preparation to consist of

for the proposed construction of

By the acceptance of this offer, you agree to submit the above-described plan preparation within ___ days from the date of your acceptance hereof and covenant that you will repay the advance when required to do so under the provisions of said Law and Terms and Conditions.

This offer must be accepted, if at all, within sixty (60) days from the date hereof.

This ___ day of __________, 19__.

UNITED STATES OF AMERICA
Housing and Home Finance Administrator

By________________________
1. The applicant shall not use the advance, or any portion thereof, to defray the cost of any part of the plan preparation which, prior to the date borne by the offer to which these Terms and Conditions related, has been performed or has been included in any contract in which the applicant has agreed to finance such plan preparation with any specific funds other than those to be supplied by the Government.

2. The plan preparation to be paid for with the advance shall be limited to the project for which the advance is made, and the applicant shall cause the plan preparation to be such as will permit of the construction of the work contemplated thereby at a cost which is within its ability to finance and which bears a reasonable relation to the estimate of cost therefor contained in its application for an Advance for Public Works Planning.

3. If data obtained during plan preparation indicate that unforeseen conditions will increase the cost of the public work substantially beyond the original estimate, the applicant shall suspend plan preparation and notify the Government as soon as possible.

4. The applicant shall not perform the plan preparation with its own forces except (A) as shown in its application, or (B) as may be approved by the Government at the applicant's request prior to performance of the work.

5. In the event the Government has approved the use of the applicant's own employees to accomplish the plan preparation, only those costs incurred by the applicant for the plan preparation which would not have been incurred except for the undertaking of the plan preparation shall be paid from the Government's advance.

6. The applicant shall keep accurate accounting records of all costs involved in connection with each advance. The accounts and records of the applicant, together with all supporting documents, must be open at all times to inspection by authorized representatives of the HHFA, and copies furnished when requested. The applicant shall furnish a copy of any contract entered into in connection with plan preparation immediately upon execution thereof.

7. The applicant shall establish a separate planning account into which shall be placed all Federal funds estimated to be required for plan preparation, together with any of the applicant's own funds to cover that portion of the plan preparation cost not covered by the Federal advance.

8. The advance may be requisitioned when plan preparation is completed and presented to the Government, together with evidence of the applicant's approval thereof, including specifically the then estimated cost of constructing the public work contemplated by plan preparation, and any other approvals required by Federal, State or local law. Upon receipt of such data, in satisfactory form, and if the Government is satisfied that the applicant has complied with all its obligations under the said Agreement, the full advance but not exceeding the actual plan preparation cost will be paid.
Interim payments may be made if the Government finds such interim payments are justified to insure prompt completion of plans.

9. The Government may elect to terminate all or any of its obligations under the said Agreement:

(a) If any representation of the applicant, in its application or in any supplement thereto or amendment thereof, or in any documents submitted to the Government by the applicant in connection with such application, shall be incorrect or incomplete in any material respect;

(b) If the applicant shall fail to commence promptly or complete the plan preparation within the time provided therefor in the Agreement or within the limits of any extension of time as may be approved by the Government, or if the applicant shall fail otherwise in the performance or fulfillment of any of its obligations to be performed or fulfilled under the Agreement;

(c) If the applicant shall fail to submit or cause to be submitted to the Government any reports, data, plans, drawings, specifications, contracts, estimates, approvals, or other documents pertaining to the plan preparation contemplated by the Agreement, that may be requested by the Government;

(d) If any official of the applicant shall become directly or indirectly interested personally in any contract or subcontract in connection with the aforesaid plan preparation.

If the Government terminates its obligations the applicant will be liable for immediate refund of any funds advanced by the Government.

10. In the event the applicant has employed or shall employ any person, firm, or corporation, excepting bona fide employees and persons, firms, or corporations employed under a bona fide contract to render professional or technical services only, to solicit or secure the advance covered by the Agreement to which these Terms and Conditions relate, or any other contract right under such Agreement, upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, the Government shall have the right to annul said Agreement without liability or in its discretion to deduct from the advance otherwise payable under the Agreement the full amount of such commission, percentage, brokerage, or contingent fee.

11. The advance shall be repaid promptly upon the start of construction of the public work contemplated in the planning report. Construction shall be considered as undertaken or started when the first construction contract is awarded or the applicant begins construction with its own forces. If construction of only a portion of the planned work is undertaken, repayment is required of such proportionate amount of the advance related to the work as the Administrator determines to be equitable.

12. In the event the applicant should, for any reason, fail to repay promptly the advance in full in accordance with its obligation under this Agreement, whether such obligation shall arise by operation of law or under the said Agreement, such unpaid sum shall bear interest at the rate of four per centum per annum from the date of the Government's demand to the applicant for the repayment to the date of payment thereof by the applicant.

13. The Government shall not be obligated or liable under the Agreement to any party other than the applicant.
14. No member of or delegate to the Congress of the United States of America or resident commissioner shall be admitted to any share or part of the Government's advance or in any benefit arising therefrom.

15. The applicant may terminate the Agreement at any time prior to the Government's payment of any portion of the advance by written notice to the Government of such termination. In such event, the Government will be relieved of all its obligations under the Agreement. If the applicant terminates the Agreement after receiving any portion of the advance, it shall promptly refund to the Government the portion of the advance that has been paid by the Government unless the abandonment is concurred in by the Government.

16. This Agreement may be subject to rules, regulations, instructions and procedures to be issued pursuant to Title VI of the Civil Rights Act of 1964 approved by the President on July 2, 1964.
SUPPLEMENT B

COURSES AND INSTRUCTORS APPROVED FOR COLLEGE-TRANSFER PROGRAMS
OF
OREGON COMMUNITY COLLEGES SEPTEMBER 10, 1963 - SEPTEMBER 1, 1964

1. Blue Mountain Community College (Pendleton)

The following staff have been approved to teach the indicated subjects:

<table>
<thead>
<tr>
<th>Name</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald Ababerry</td>
<td>Psy 201,202,203 General Psychology</td>
</tr>
<tr>
<td>Truman Baily</td>
<td>Psy 201,202,203 General Psychology</td>
</tr>
<tr>
<td>Dorothy Baskins</td>
<td>Wr 111,112,113 English Composition&lt;br&gt;Eng 101,102,103 Survey of English Literature&lt;br&gt;Eng 107,108,109 World Literature&lt;br&gt;Eng 201,202,203 Shakespeare</td>
</tr>
<tr>
<td>Richard Bredemeier</td>
<td>Mth 100 Intermediate Algebra&lt;br&gt;Mth 101 College Algebra&lt;br&gt;Mth 102 Trigonometry&lt;br&gt;Mth 111,112 Mathematics for Elementary Teachers&lt;br&gt;Mth 200,201,202,203 Calculus with Analytic Geometry</td>
</tr>
<tr>
<td>Laurence Burman</td>
<td>Psy 201,202,203 General Psychology&lt;br&gt;Psy 204 Psychology of Adjustment</td>
</tr>
<tr>
<td>Donald Butler</td>
<td>Sp 111,112,113 Fundamentals of Speech</td>
</tr>
<tr>
<td>Mary Coffey</td>
<td>A 127 Art Appreciation</td>
</tr>
<tr>
<td>Guy Delamarter</td>
<td>Hst 101,102,103 History of Western Civilization&lt;br&gt;Hst 201,202,203 History of the United States</td>
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<tr>
<td>Frederick Douglas</td>
<td>Psy 201,202,203 General Psychology&lt;br&gt;Psy 204 Psychology of Adjustment</td>
</tr>
<tr>
<td>George Forrester</td>
<td>Sp 111,112,113 Fundamentals of Speech&lt;br&gt;Sp 120 Voice and Diction&lt;br&gt;Sp 121,122 Interpretation</td>
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<td>Dale Harmer</td>
<td>Mth 200,201,202,203 Calculus with Analytic Geometry</td>
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<tr>
<td>Calvin Hampel</td>
<td>A 127 Art Appreciation&lt;br&gt;AA 195,196,197 Basic Design&lt;br&gt;AA 201,202,203 Survey of Visual Arts&lt;br&gt;AA 290 Painting&lt;br&gt;AA 291 Drawing</td>
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<tr>
<td>Murray Innes, III</td>
<td>Wr 111,112,113 English Composition&lt;br&gt;Eng 101,102,103 Survey of English Literature&lt;br&gt;Eng 201,202,203 Shakespeare&lt;br&gt;Eng 253,254,255 Survey of American Literature</td>
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<tr>
<td>John Jacobs</td>
<td>Z 201,202,203 General Zoology</td>
</tr>
<tr>
<td>John Logan</td>
<td>CL 50,51,52 First year German&lt;br&gt;CL 101,102,103 Second year German&lt;br&gt;RL 50,51,52 First year French&lt;br&gt;RL 101,102,103 Second year French&lt;br&gt;PS 201,202,203 American Governments (one-year approval for PS 201,202,203 for 1964-65)</td>
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<td>Instructor</td>
<td>Courses</td>
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<tr>
<td>Ellsworth Mayer</td>
<td>Mth 100 Intermediate Algebra</td>
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<td>Mth 101 College Algebra</td>
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<td></td>
<td>Mth 102 Trigonometry</td>
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<td></td>
<td>Mth 200, 201, 202, 203 Calculus with Analytic Geometry</td>
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<tr>
<td>Robert Mosby</td>
<td>PE 180 Physical Education - women</td>
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<tr>
<td></td>
<td>PE 190 Physical Education - men</td>
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<td>HE 250 Personal Health</td>
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<tr>
<td>Donsavan Phillips</td>
<td>PE 180 Physical Education - women</td>
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<tr>
<td></td>
<td>PE 190 Physical Education - men</td>
</tr>
<tr>
<td></td>
<td>HE 250 Personal Health</td>
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<tr>
<td>Randall Phillips</td>
<td>GS 104, 105, 106 Physical Science</td>
</tr>
<tr>
<td>Ronald Rosbach</td>
<td>Hist 101, 102, 103 History of Western Civilization</td>
</tr>
<tr>
<td>Shirley Ruble</td>
<td>Hist 201, 202, 203 History of the United States Geog 105, 106, 107 Introductory Geography</td>
</tr>
<tr>
<td>Alfred Simon</td>
<td>Eng 101, 102, 103 Survey of English Literature</td>
</tr>
<tr>
<td></td>
<td>Eng 201, 202, 203 Shakespeare</td>
</tr>
<tr>
<td>Willard Staley</td>
<td>GS 104, 105, 106 Physical Science</td>
</tr>
</tbody>
</table>

(one-year approval for 1964-65)

The following courses have been approved for transfer credit:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>BA 211, 212, 213</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Mth 111, 112, 113</td>
<td>Mathematics for Elementary Teachers</td>
<td>3</td>
</tr>
<tr>
<td>Mth 200, 201, 202, 203</td>
<td>Calculus with Analytic Geometry</td>
<td>4</td>
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<tr>
<td>Z 201, 202, 203</td>
<td>General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>Ec 201, 202, 203</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>Psy 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Soc 204, 205, 206</td>
<td>General Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Eng 101, 102, 103</td>
<td>Survey of English Literature</td>
<td>3</td>
</tr>
<tr>
<td>Eng 253, 254, 255</td>
<td>Survey of American Literature</td>
<td>3</td>
</tr>
<tr>
<td>Mus 195</td>
<td>Band. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hours)</td>
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<tr>
<td>Mus 196</td>
<td>Orchestra. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hrs)</td>
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</tr>
<tr>
<td>Mus 197</td>
<td>Chorus. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hours)</td>
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<tr>
<td>J 211</td>
<td>Introduction to Journalism. 2 hours.</td>
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<tr>
<td>J 216</td>
<td>Reporting I. 2 hours.</td>
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</tr>
<tr>
<td>J 217</td>
<td>Reporting II. 2 hours.</td>
<td></td>
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<tr>
<td>A 127</td>
<td>Art Appreciation. 3 hours.</td>
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</tr>
<tr>
<td>GL 50, 51, 52</td>
<td>First-year German. 4 hours.</td>
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<tr>
<td>GL 101, 102, 103</td>
<td>Second-year German. 4 hours.</td>
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<tr>
<td>Sp 232</td>
<td>Group Discussion. 3 hours.</td>
<td></td>
</tr>
</tbody>
</table>

The following course change has been approved:

HE 250. Personal Health. 2 hours. (formerly HR 151 Personal Hygiene)

The following courses have been dropped:

Mth 105, 106, 107. Introductory College Mathematics. 3 hours each.
Eng 104, 105, 106. Appreciation of Literature. 3 hours each.
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Eng 107, 108, 109. World Literature. 3 hours each.
Psy 204. Psychology of Adjustment. 3 hours.
Ch 204, 205, 206. General Chemistry. 5 hours.

2. Central Oregon College (Bend)

The following staff have been approved to teach the indicated subjects:

Gerald Bogar
- Bot 201, 202, 203 General Botany
- FG 251, 252 Wildlife Conservation
- GS 104, 105, 106 Physical Science (Chemistry section only)

Mina Cook
- GS 104, 105, 106 Physical Science

Ernest Davidson
- Mth 100 Intermediate Algebra
- Mth 101 College Algebra
- Mth 102 Trigonometry
  (one-year approval for 1963-64)

Theodore Dowell
- Mth 100 Intermediate Algebra
- Mth 101 College Algebra
- Mth 102 Trigonometry
- Mth 104 Algebra and Trigonometry
- Mth 111 Mathematics for Elementary Teachers
- Mth 200, 201, 202, 203 Calculus with Analytic Geometry

Richard Herrig
Gary Isham
- FG 251, 252 Wildlife Conservation
- Ph 201, 202, 203 General Physics
- Ph 207, 208, 209 General Physics
- GS 104, 105, 106 Physical Science
- Mth 100 Intermediate Algebra
- Mth 101 College Algebra
- Mth 102 Trigonometry
- Mth 104 Algebra and Trigonometry
  (one-year approval 1964-65)

Alfred Land
- BA 125, 126, 127 Business Environment
- BA 101 Introduction to Business
- BA 211, 212, 213 Fundamentals of Accounting
- Ec 201, 202, 203 Principles of Economics

Harold Ogden
- Wr 111, 112, 113 English Composition
- Eng 201, 202, 203 Shakespeare

Sanford Owens
- HE 151 Personal Hygiene
- PE 180 Physical Education - women
- PE 190 Physical Education - men

R. V. Peavy
- SSC 103 Background of Social Science

Clay Shepard
- Sp 111, 112, 113 Fundamentals of Speech
  Sp 120 Voice and Diction

The following course has been added:

Sp 114. Speech Development. 3 hours.
3. Clatsop College (Astoria)

The following staff have been approved to teach the indicated subjects:

Delbert Bjork  
- PE 180 Physical Education - women  
- PE 190 Physical Education - men  
- HE 250 Personal Health

Mary Gabriel  
- PE 180 Physical Education - women  
(one-year approval 1963-64)

Vera Gault  
- Wr 111,112,113 English Composition

Donald Morgan  
- Psy 201,202 General Psychology  
- PS 201,202,203 American Governments  
- PS 205 International Relations  
(one-year approval for PS 201,202,203 and PS 205 for 1964-65)

Robert Scott  
- BA 211,212,213 Principles of Accounting

Rexford Sorenson  
- Wr 111,112,113 English Composition  
- Eng 104,105,106 Appreciation of Literature  
- Eng 107,108,109 World Literature  
- Eng 201,202,203 Shakespeare  
- Eng 253,254,255 Survey of American Literature

Gary Teach  
- Eng 104,105,106 Appreciation of Literature  
- Eng 201,202,203 Shakespeare  
- Eng 253,254,255 Survey of American Literature  
- SL 50,51,52 First year Russian  
- SL 101,102,103 Second year Russian

Otto Weigel  
- GL 50,51,52 First year German  
- GL 101,102,103 Second year German  
- RL 60,61,62 First year Spanish  
- RL 107,108,109 Second year Spanish

The following courses have been approved for transfer credit:

Bot 201, 202, 203. General Botany. 3 hours each.  
Eng 101, 102, 103. Survey of English Literature. 3 hours each.  
AA 201, 202, 203. Survey of Visual Arts. 3 hours each.  
Wr 226. Expository Writing. 3 hours.  
PS 205. International Relations. 3 hours.

The following course changes have been approved:

BA 101. Introduction to Business. 4 hours. (Formerly BA 121)  
HE 250. Personal Health. 2 hours. (Formerly 3 hours)  
Ch 204, 205, 206. General Chemistry. 5 hours each. (Formerly Ch 201, 202, 203 General Chemistry 3 hours each and Ch 204, 205, 206 General Chemistry Laboratory 2 hours each)

Z 201, 202, 203. General Zoology. 4 hours each. (Formerly 3 hours)  
GS 104, 105, 106. Physical Science. 4 hours each. (Formerly 3 hours)

The following courses have been dropped:

A 127. Art Appreciation. 3 hours  
BA 222. Elements of Finance. 3 hours  
BA 254, 255. Business Law. 3 hours
Eng 104, 105, 106. Appreciation of Literature. 3 hours each
Ph 161. Essentials of Photography. 3 hours.
Psy 208, 209, 210. Psychology Laboratory. 1 hour each.
SSc 101, 102, 103. Background of Social Science. 3 hours each.
Ch 101, 102, 103. Elementary Chemistry. 4 hours each.

4. Portland Community College

The following staff have been approved to teach the indicated subjects:

Elizabeth Barnes - Wt 111,112,113 English Composition
                     Eng 101,102,103 Survey of English Literature
Frederick DeWolfe - Hat 101,102,103 History of Western Civilization
Mary Douglas - Anth 101,102,103 General Anthropology
Helen Dickinson - Wt 111,112,113 English Composition
                     Eng 101,102,103 Survey of English Literature
Robert Dixon - GS 104,105,106 Physical Science
Albert Ellsworth - Geog 105,106,107 Introductory Geography
                   RL 50,51,52 First year French
                   Hat 101,102,103 History of Western Civilization
Bruce Johnson - Mus 111,112,113 Music Theory I
                   Mus 190 Applied Music
                   Mus 195 Band
                   Mus 196 Orchestra
                   Mus 197 Chorus
John Knutson - Mth 100 Intermediate Algebra
                   Mth 101 College Algebra
                   Mth 102 Trigonometry
                   Mth 200,201,202,203 Calculus with Analytic Geometry
Philip Loprinzi - Ec 201,202,203 Principles of Economics
                   BA 101 Introduction to Business
                   (one-year approval for 1964-65)
Mason McCoy - PE 190 Physical Education - men
                   (one-year approval for 1964-65)
Douglas Millican - GS 101,102,103 General Biology
                   GS 104,105,106 Physical Science
Roger Mockford - PE 190 Physical Education - men
Barbara Murphy - Eng 101,102,103 Survey of English Literature
                   Wr 111,112,113 English Composition
Walter Poepping - Wr 111,112,113 English Composition
                   Eng 101,102,103 Survey of English Literature
James Rogers - Mth 100 Intermediate Algebra
                   Mth 101 College Algebra
                   Mth 102 Trigonometry
                   Mth 200,201,202,203 Calculus with Analytic Geometry
Robert Rowe - Ps 201,202,203 American Governments
                   Hat 201,202,203 History of the United States
                   (one year approval for Hat 201,202,203 for 1964-65)
Roy Stave - Sp 111,112,113 Fundamentals of Speech
Arthur Stevens  -  GS 101, 102, 103 General Biology
Joan Sullivan  -  FE 180 Physical Education - women
William Thornton  -  Psy 201, 202, 203 General Psychology
Donald Uppendahl  -  Hist 101, 102, 103 History of Western Civilization
                          Hist 201, 202, 203 History of the United States

The following courses have been approved:

Mth 100. Intermediate Algebra. 4 hours.
Mth 101. College Algebra. 4 hours.
Mth 102. Trigonometry. 4 hours.
Mth 200, 201, 202, 203. Calculus with Analytic Geometry. 4 hours each.
GS 101, 102, 103. General Biology. 4 hours each.
GS 104, 105, 106. Physical Science. 4 hours each.
Anth 101, 102, 103. General Anthropology. 3 hours each.
Hist 101, 102, 103. History of Western Civilization. 3 hours each.
Hist 201, 202, 203. History of the United States. 3 hours each.
Geog 105, 106, 107. Introductory Geography. 3 hours each.
Ps 201, 202, 203. American Governments. 3 hours each.
Psy 201, 202, 203. General Psychology. 3 hours each.
Wr 111, 112, 113. English Composition. 3 hours each.
Eng 101, 102, 103. Survey of English Literature. 3 hours each.
Eng 253, 254, 255. Survey of American Literature. 3 hours each.
Sp 111, 112, 113. Fundamentals of Speech. 3 hours each.
Gl 50, 51, 52. First-year German. 4 hours each.
Rl 50, 51, 52. First-year French. 4 hours each.
Rl 60, 61, 62. First-year Spanish. 4 hours each.
Ps 180. Physical Education (women). 1 hour each term, maximum 6 terms.
Ps 190. Physical Education (men). 1 hour each term, maximum 6 terms.
Ec 201, 202, 203. Principles of Economics. 3 hours each.
He 250. Personal Health. 2 hours.
Mus 111, 112, 113. Music Theory I. 4 hours each term.
Mus 190. Applied Music. 1 hour each term.
Mus 195. Band. 1 hour each term (no more than 6 credit hours may be earned in Mus 195, 196, 197)
Mus 196. Orchestra. 1 hour each term (no more than 6 credit hours may be earned in Mus 195, 196, 197)
Mus 197. Chorus. 1 hour each term (no more than 6 credit hours may be earned in Mus 195, 196, 197.)
Ba 101. Introduction to Business. 4 hours.
AA 195, 196, 197. Basic Design. 2 hours each term.
AA 201, 202, 203. Survey of Visual Arts. 3 hours each term.
AA 290. Painting. 1-2 hours. Maximum credit - 6 hours.
AA 291. Drawing. 1-2 hours. Maximum credit - 6 hours.
The following staff have been approved to teach the indicated subjects:

<table>
<thead>
<tr>
<th>Name</th>
<th>Courses Offered</th>
</tr>
</thead>
</table>
| David Curry        | Sp 111, 112, 113 Fundamentals of Speech  
                    | Sp 232 Group Discussion  
                    | Ec 201, 202, 203 Principles of Economics  
                    | Eng 101, 102, 103 Survey of English Literature  
                    | Eng 107, 108, 109 World Literature  
                    | Eng 201, 202, 203 Shakespeare  
                    | Eng 253, 254, 255 Survey of American Literature  
                    | Wr 111, 112, 113 English Composition  
| Zaki El Wattar     | Hn 101 Introduction to Business  
                    | Mth 100 Intermediate Algebra  
                    | Mth 101 College Algebra  
                    | Mth 102 Trigonometry  
                    | Ph 201, 202, 203 General Physics  
                    | AA 195, 196, 197 Basic Design  
                    | AA 201, 202, 203 Survey of Visual Arts  
                    | AA 290 Painting  
                    | AA 291 Drawing  
| Robert Guyan       | Mth 100 Intermediate Algebra  
                    | Mth 101 College Algebra  
                    | Mth 102 Trigonometry  
                    | Ph 201, 202, 203 General Physics  
                    | GS 104, 105, 106 Physical Science  
                    | Ph 101, 102, 103 Essentials of Physics  
                    | (one-year approval for 1964-65)  
| Herbert Habeeb     | Hst 101, 102, 103 History of Western Civilization  
                    | Hst 201, 202, 203 History of the United States  
                    | Hst 201, 202, 203 American Governments  
                    | PS 201, 202, 203 American Governments  
                    | PS 205 International Relations  
| Howard Hall        | Sp 111, 112, 113 Fundamentals of Speech  
                    | Sp 232 Group Discussion  
                    | Wr 111, 112, 113 English Composition  
| Wilson Henderson   | Mth 100 Intermediate Algebra  
                    | Mth 101 College Algebra  
                    | Mth 102 Trigonometry  
                    | Mth 111, 112 Mathematics for Elementary Teachers  
| Hugh Hoyt, Jr.     | Mus 111, 112, 113 Music Theory I  
                    | Mus 190 Applied Music  
                    | Mus 195 Band  
                    | Mus 196 Orchestra  
                    | Mus 197 Chorus  
                    | Mus 201, 202, 203 Introduction to Music and Its Literature  
                    | Mus 211, 212, 213 Music Theory II  
| Willard James      | Mus 111, 112, 113 Music Theory I  
                    | Mus 190 Applied Music  
                    | Mus 195 Band  
                    | Mus 196 Orchestra  
                    | Mus 197 Chorus  
| Frank Leuck        | Mus 111, 112, 113 Music Theory I  
                    | Mus 190 Applied Music  
                    | Mus 195 Band  
                    | Mus 196 Orchestra  
                    | Mus 197 Chorus  
                    | Mus 201, 202, 203 Introduction to Music and Its Literature  
                    | Mus 211, 212, 213 Music Theory II  
| Ronald Lilienthal  | GS 101, 102, 103 General Biology  
                    | (one-year approval for 1964-65)  
| Lorin Miller       | Sp 111, 112, 113 Fundamentals of Speech  
| R. V. Peavy        | Psy 111 Personality and Development  
                    | Psy 201, 202, 203 General Psychology  
                    | Psy 204 Psychology of Adjustment  
| Myron Pollack      | Wr 111, 112, 113 English Composition  
                    | Wr 218 Creative Writing  

Meeting #330

<table>
<thead>
<tr>
<th>September 14-15, 1964</th>
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<tbody>
<tr>
<td>Wr 226 Expository Writing</td>
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<tr>
<td>Eng 101, 102, 103 Survey of English Literature</td>
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<tr>
<td>Eng 201, 202, 203 Shakespeare</td>
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<tr>
<td>Eng 253, 254, 255 Survey of American Literature</td>
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<tr>
<td>Mth 101 College Algebra</td>
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<tr>
<td>Mth 102 Trigonometry</td>
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<tr>
<td>Mth 111, 112 Mathematics for Elementary Teachers</td>
</tr>
<tr>
<td>Mth 200, 201, 202, 203 Calculus with Analytic Geometry</td>
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<tr>
<td>Ph 101, 102, 103 Essentials of Physics</td>
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<td>Ph 201, 202, 203 General Physics</td>
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<td>Wr 111, 112, 113 English Composition</td>
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<tr>
<td>Eng 101, 102, 103 Survey of English Literature</td>
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<tr>
<td>Eng 107, 108, 109 World Literature</td>
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<tr>
<td>Eng 201, 202, 203 Shakespeare</td>
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<tr>
<td>Eng 253, 254, 255 Survey of American Literature</td>
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<tr>
<td>Sp 111, 112, 113 Fundamentals of Speech</td>
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<tr>
<td>Sp 232 Group Discussion</td>
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<tr>
<td>Wr 111, 112, 113 English Composition</td>
</tr>
<tr>
<td>FE 190 Physical Education - men</td>
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<tr>
<td>FE 250 Personal Health</td>
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<tr>
<td>FE 252 First Aid</td>
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<td>(one-year approval for 1964-65)</td>
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<tr>
<td>Robert Wales</td>
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<tr>
<td>Geog 105, 106, 107 Introductory Geography</td>
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<td>(one-year approval for 1964-65)</td>
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<tr>
<td>Ronald Weinkauf</td>
</tr>
<tr>
<td>Geog 105, 106, 107 Introductory Geography</td>
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<tr>
<td>(one-year approval for 1964-65)</td>
</tr>
</tbody>
</table>

The following courses have been approved for transfer credit:

| Psy 203. General Psychology. 3 hours. |
| BA 101. Introduction to Business. 4 hours. |
| AA 195, 196, 197. Basic Design. 2 hours each. |
| AA 290. Painting. 1-2 hours each term, 6 maximum. |
| AA 291. Drawing. 1-2 hours each term, 6 maximum. |
| Mus 111, 112, 113. Music Theory I. 4 hours each. |
| Mus 190. Applied Music. 1 hour. |
| Mus 195. Band. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hours) |
| Mus 196. Orchestra. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hours) |
| Mus 197. Chorus. 1 hour. (Maximum credit in Mus 195, 196, 197 - 6 hours) |
| Mus 211, 212, 213. Music Theory II. 3 hours each. |
| Mus 214, 215, 216. Keyboard Harmony. 1 hour each. |

The following course changes have been approved:

| Sp 111, 112, 113. Fundamentals of Speech. 3 hours each. (Formerly Extempore Speech.) |

The following courses have been dropped:

| MIM 125, 126, 127. Business Environment. 3 hours each. |
| BA 211. Elements of Production. 4 hours. |
| BA 222. Finance. 3 hours. |
| BA 223. Marketing. 3 hours. |
Ch 101, 102, 103. Elementary Chemistry. 4 hours each.
Ph 101, 102, 103. Essentials of Physics. 3 hours each.
Psy 208, 209, 210. General Psychology Laboratory. 1 hour each.
Ssc 101, 102, 103. Background of Social Sciences. 3 hours each.
Sp 237. Argumentation. 3 hours.
Sp 238. Persuasion. 3 hours.

6. Treasure Valley Community College (Ontario)

The following staff have been approved to teach the indicated subjects:

Donald Binning
- Mus 111,112,113 Music Theory I
- Mus 201,202,203 Introduction to Music and Its Literature
- Mus 195 Band
- Mus 196 Orchestra
- Mus 197 Chorus

Gilbert Ford
- Ph 201,202,203 General Physics
- GS 104,105,106 Physical Science
- Ch 204,205,206 General Chemistry

Merl Iles
- Mth 100 Intermediate Algebra
- Mth 101 College Algebra
- Mth 102 Trigonometry
- Mth 111,112 Mathematics for Elementary Teachers

Adriana Kunkel
- Ch 204,205,206 General Chemistry

Charles McCready
- Wr 111,112,113 English Composition
- Eng 201,202,203 Shakespeare
- Eng 101,102,103 Survey of English Literature
- Eng 253,254,255 Survey of American Literature

Dean McDonald
- Psy 201,202,203 General Psychology

Dale McLane
- Sp 111,112,113 Fundamentals of Speech

John Mirich
- Psy 201,202,203 General Psychology
- Hst 201,202,203 History of the United States
- Hst 101,102,103 History of Western Civilization

Frances Purkhiser
- BA 211,212,213 Principles of Accounting
- SS 121,122,123 Typing

Robert Tarleton
- Eng 253,254,255 Survey of American Literature

Bonita Witty
- RL 60,61,62, First year Spanish
- RL 107,108,109 Second year Spanish

Laurine Wrenn
- Ec 201,202,203 Principles of Economics

The following courses have been approved for transfer credit:

Ph 201, 202, 203. General Physics. 5 hours each
Mus 195. Band. 1 hour. (Maximum credit in Mus 195,196,197 - 6 hours)
Mus 196. Orchestra. 1 hour. (Maximum credit in Mus 195,196,197 - 6 hours)
Mus 197. Chorus. 1 hour. (Maximum credit in Mus 195,196,197 - 6 hours)
Mus 201, 202, 203. Introduction to Music and Its Literature. 3 hours each.
AA 201, 202, 203. Study of Visual Arts. 3 hours each.
Eng 201, 202, 203. Shakespeare. 3 hours each.
The following course changes have been approved:

Z 201, 202, 203. General Zoology. 4 hours each. (formerly 3 hours each)
HE 250. Personal Health. 3 hours. (formerly HE 151 Personal Hygiene, 2 hours)
BA 101. Introduction to Business. 4 hours. (formerly BA 121 Introduction to Business and Industry, 3 hours.)

The following course has been dropped:

Mth 103. Analytic Geometry. 4 hours.

7. Umpqua College (Roseburg)

The following staff have been approved to teach the indicated subjects:

James Armson
- Psy 201, 202, 203 General Psychology
Gerald Droescher
- HE 250 Personal Health
Allan Gould
- GS 101, 102, 103 General Biology
Katherine King
- Ec 201, 202, 203 Principles of Economics
George Larsen
- Mth 100 Intermediate Algebra
- Mth 101 College Algebra
- Mth 102 Trigonometry
James Lombard
- AA 201, 202, 203 Survey of Visual Arts
  (one-year approval for 1964-65)
David Nye
- GS 104, 105, 106 Physical Science
Kurt Rees
- Hst 101, 102, 103 History of Western Civilization
Robert Robins
- Mus 201, 202, 203 Introduction to Music and Its Literature
John Schvaneveldt
- PE 180 Physical Education - women
- PE 190 Physical Education - men
Warren Schwartz
- Ch 204, 205, 206 General Chemistry
  (one-year approval for 1964-65)
Donald Severson
- PE 180 Physical Education - women
- PE 190 Physical Education - men

The following courses have been approved for transfer credit:

Wr 111, 112, 113. English Composition. 3 hours each.
Eng 101, 102, 103. Survey of English Literature. 3 hours each.
AA 201, 202, 203. Survey of Visual Arts. 3 hours each.
Mus 201, 202, 203. Introduction to Music and Its Literature. 3 hours each.
Hst 101, 102, 103. History of Western Civilization. 3 hours each.
Hst 201, 202, 203. History of the United States. 3 hours each.
Ec 201, 202, 203. Principles of Economics. 3 hours each.
Psy 201, 202, 203. General Psychology. 3 hours each.
Mth 100. Intermediate Algebra. 4 hours.
Mth 101. College Algebra. 4 hours.
Mth 102. Trigonometry. 4 hours.
Ch 204, 205, 206. General Chemistry. 5 hours each.
GS 101, 102, 103. General Biology. 4 hours each.
Sp 111, 112, 113. Fundamentals of Speech. 3 hours each.
BA 101. Introduction to Business. 4 hours.
BA 211, 212, 213. Principles of Accounting. 3 hours each.
HE 250. Personal Health. 2 hours.
PE 180. Physical Education. (women). 1 hour each term, 6 terms.
PE 190. Physical Education. (men). 1 hour each term, 6 terms.
GS 104, 105, 106. Physical Science. 4 hours each.