STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD IN
LIBRARY-COMMONS BUILDING, OREGON TECHNICAL INSTITUTE, KLAMATH FALLS, OREGON

October 23-24, 1967

MEETING #361-1  A regular meeting of the State Board of Higher Education was held
in the Library-Commons Building, Oregon Technical Institute, Klamath
Falls, Oregon, on October 23-24, 1967.

ROLL CALL  The meeting was called to order at 9:00 A.M. on Monday, October 23,
1967, by the President of the Board, Mr. J. W. Forrester, Jr., and
on roll call, the following answered present:

Mrs. Elizabeth H. Johnson      Mr. Ancil H. Payne
Mr. George H. Layman           Mr. Ray T. Yasui
Mr. Philip A. Joss             Mr. J. W. Forrester, Jr.

Absent: Mr. Chas. R. Holloway, Jr., was absent due to illness;
R. E. Purvine, M.D., was absent for business reasons; and Mr. John W.
Snider was out of the country.

OTHERS PRESENT

Centralized Activities--Chancellor R. E. Lieuallen; Secretary R. L.
Collins; Mr. H. A. Bork, Vice Chancellor for Business Affairs;
Dr. J. W. Sherburne, Vice Chancellor for Continuing Education;
Mr. J. L. Watson, Comptroller; Mr. D. R. Larson, Assistant Chancellor;
Mr. J. I. Hunderup, Director of Facilities Planning; Mr. Allan
McKenzie, Assistant to Vice Chancellor for Business Affairs;
Mr. Keith L. Jackson, Budget Officer; Mr. Guy Lutz, Associate
Director, Office of Institutional Research; Dr. George Diel,
Director, Communications Development; Dr. Carl G. Paetz, Assistant
Director of Facilities Planning; Mr. Kenneth Cushman, Director of
Publications; Dr. Jack Edling, Director, Teaching Research.

Oregon State University--President J. H. Jensen; Mr. M. Popovich,
Dean of Administration; Mr. G. M. Robertson, Director of Business
Affairs; Mr. S. M. Metzger, Superintendent of Planning and Con-
struction; Mr. Eugene F. Gilstrap, Assistant to the Director,
Agricultural Experiment Station; Dr. James Wenner, Administrative
Intern to the President.

University of Oregon--President A. S. Flemming; Mr. J. O. Lindstrom,
Director of Fiscal Affairs; Mr. H. L. Penny, Assistant to the
President; Dr. Richard Netzel, Administrative Intern to the
President.
University of Oregon Dental School--Dean L. G. Terkla; Mr. Eugene Bauer, Assistant Dean for Business Affairs.

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

Portland State College--Dr. B. P. Millar, President; Dr. Brock Dixon, Dean of Administration; Mr. William C. Neland, Planning Associate; Dr. James S. Hart, Associate Professor of English, representing the American Association of University Professors.

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

Southern Oregon College--President E. N. Stevenson; Dr. E. C. McGill, Dean of Faculty; Mr. D. E. Lewis, Dean of Administration; Mr. Glendon Owen, Administrative Internee from Jamaica.

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

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

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

Others--Mr. Howard Grimms, Chief Construction Analyst, State Department of Finance.

Student Representatives--Mr. Russell K. Sadler, Chairman, Inter-Institutional Student Committee on Higher Education; Mr. Charles Adams, member of the Public Affairs Committee, Oregon State University, representing the Student Body President; Mr. Don Nesbitt, President of the Associated Students of Oregon Technical Institute.

The Board voted to dispense with the reading of the minutes of the last regular meeting held on September 11-12, 1967, and approved them as printed in the preliminary minutes previously issued.

President Forrester then directed the attention of the Board members to the items in the docket of business. During the consideration of the docket items, President Forrester asked the chairman of the committee concerned with the item to review briefly the content of each item and the committee recommendation for those items which had previously been considered by the respective Board committee.
Second Revision of Preliminary Plans for Administration Building, OSU

On January 24, 1967, the Board approved revised preliminary plans for the proposed Administration Building at Oregon State University which had been assigned Priority No. 12 in the capital outlay program presented to the 1967 Legislature. It was indicated that the building would be located adjacent to the Armory on the southwest corner of Jefferson Street and Fifteenth Avenue and would consist of two separate but interconnected units containing a gross area of approximately 117,006 square feet. The five-story tower unit on the north, providing office accommodations for the institutional administrative staff, academic affairs, student affairs, news bureau, publications, facilities planning, institutional research, etc., was expected to be "lifted" about two floors above grade level to create a covered plaza adjoining the two-story unit, plus basement, which would provide offices for those having heavy student traffic, such as the registrar, director of admissions, business manager, director of housing, etc. Offices for the Comptroller of the State System and his staff, including the data processing center, would occupy a portion of this lower unit.

Of the total estimated cost of $3,670,000, it was reported that the direct construction costs would be about $3,120,120, averaging $26.67 per square foot. Provision was made for structural capacity adequate to permit vertical expansion of both units of the building, and the low-rise unit would allow horizontal expansion also, if desired at some future time.

During the presentation of this project to the Ways and Means Committee of the 1967 Legislature, it was apparent that there were objections to the design solution, particularly with respect to the concept of placing the tower unit on "stilts." Since the need for administrative space was recognized, the Committee indicated that "if acceptable plans could be developed, permission could be sought for the project from the State Emergency Board." The statutory limitation applicable to bond borrowings under authority of the proposed Article XI-F(1)A amendment to the Constitution, subject to voter approval in May 1968, was set sufficiently high to cover the estimated requirements for this project.

As a result of this action, further study has been given to the preliminary plans by the project architects, Hewlett & Jamison, in consultation with the campus planner, Mr. Louis DeMonte, institutional officials and members of the Board's staff. The factors which led to the initial decision to accommodate administrative departments into two building units have been reviewed thoroughly and have been confirmed. Large work areas for departments such as the Registrar's Office, Business Office and Comptroller's Office, requiring a minimum amount of partitioning and exterior windows, have been assigned to a rectangular building which has been designed for maximum efficiency and minimum foot traffic within each department. On the other hand, smaller departments requiring large amounts of partitioning and a high percentage of window availability would be served most efficiently in a relatively narrow building. To conserve land within a fairly restricted site, a high-rise multi-level structure has been planned for them.
Construction methods contemplated by the original design have been reviewed and confirmed also. By using the lift-slab method of construction for the tower unit, wherein the floor slabs are poured and stacked at ground level and then jacked vertically into place, economies can be gained as compared with more conventional construction methods. This type of construction has been used successfully in many projects at Oregon State University and elsewhere in the State System. In this type of construction, cost is not affected significantly by how high the floor slabs are raised, or by the interval between floors. This item was a major factor in determining the overall concept of the complex.

The concept of raising the high-rise sector on columns has also been re-evaluated and modifications are proposed. The initial proposal was based upon a desire to provide accessibility for students and the general public to both major sectors of the administration complex, visually and actually. A separation of the heavy student traffic flowing to the low-rise unit from the more limited visits of persons to offices within the tower unit seemed appropriate. It is believed, however, that these advantages can still be retained if the changes outlined below are effected.

Rather than raise the tower unit above grade level, it is now recommended that the lowest floor level be enclosed largely with glass, with a slight setback from the lines of the floors above, to provide an information center for the campus and to accommodate the offices of the staff concerned with International Education, including foreign student advising. Other floor levels of the tower unit would be dropped one floor, making this unit a six-story structure, plus partial basement. Minor modifications have been made in the connecting lobbies and corridors at basement, first and second floor levels. The impact of these changes is an increase of about 5,151 square feet in the gross area of the Administration Building, making the revised area approximately 122,157 square feet. Based upon the allowance of $3,120,120, assuming the price level in 1968 when bids for the project may be solicited if appropriate authorization is granted by the State Emergency Board following the approval of a satisfactory financial program, the direct construction costs would average about $25.54 per square foot. Of the total project cost of $3,670,000, it is expected that approximately $175,000 would be provided from self-liquidating bond borrowings under Article XI-F(1) of the Oregon Constitution (for the space assigned to the director of housing), and the balance would be financed from a combination of federal grants under Title I of the Higher Education Facilities Act of 1963, as amended, and from the proposed new bonding authority which is subject to voter approval in May 1968.

With the concurrence of the Chancellor, President Jensen recommended that the second revision of the preliminary plans for the Administration Building at Oregon State University be approved and that if such plans appear satisfactory to the appropriate legislative committees, then Board officials may instruct the architects to complete final plans and specifications for the project within a direct construction cost allowance of $3,120,120.
RECAP OF INFORMATION UPON COMPLETION OF SECOND REVISION OF PRELIMINARY PLANS

Project - OSU Administration Building

Architects - Hewlett & Jamison, Portland

Legislative authorization - none (subject to Emergency Board authorization)

Board's priority - No. 12 in 1967-1969

Approximate gross area - 122,157 square feet

Estimated total project cost - $3,670,000

Estimated direct construction costs -
Total $3,120,120
Average (per square foot) - $25.54

Tentative schedule:
Bidding - Mid-1968
Completion - Mid-1970

Tentative financing plan
State funds (bonding under proposed Article XI-F(1), subject to voter approval in May 1968) and offsets, including federal grants $3,495,000
Bond borrowings under Article XI-F(1) (for offices assigned to institutional housing department) $175,000

In the discussion at the Building Committee meeting on October 5, 1967, it was indicated that the primary objection of the Ways and Means Committee was to the placing of the tower building on piers with open spaces under the building at the grade level, although there was also some criticism of the fact that the design consisted of two buildings and that added cost was to be incurred to provide for two extra floor slabs to allow for future vertical expansion. The revised preliminary plans were designed to overcome the first objection by eliminating the open space at the ground level through the placing of offices for International Education and an information center at the ground level and through lowering other floor levels of the tower unit, including modifications in the connecting lobbies and corridors at basement, first and second floor levels. It was explained that the site for the Administration Building at 15th and Jefferson Streets was chosen to provide access from the downtown area of Corvallis, thus allowing a convenient approach for visitors to the campus as well as students.
Mr. Hunderup informed the Committee that it was hoped to obtain funds under Title I of the Higher Educational Facilities Act since the Administration Building would be eligible for such a grant. The amount of the grant, if obtained, might be in excess of $400,000.

The building is designed to bring together as an integrated staff all offices charged with the administration of Oregon State University. The administrative offices are now scattered in several buildings. Office space in the other buildings when released will provide needed space for instructional departments. The "temporary" wood frame building, moved to the campus in 1946, which now houses the registrar's office, business office, and comptroller's office will be razed, since it is fire hazardous and uneconomic in operation.

The Chancellor stated that the revised design could be presented either to the special session of the legislature or to the Emergency Board as contemplated at the time the 1967 Legislature acted to provide sufficient bonding capacity for the building. The Ways and Means Committee did not authorize construction during the regular 1967 session because of objections to the proposed design.

The Committee recommended that the Board approve the second revision of the preliminary plans for the Oregon State University Administration Building as presented, and that if the project is approved by the appropriate legislative committees, Board officials be authorized to instruct the architects to complete final plans and specifications for the project within a direct construction cost allowance of $3,120,120.

In answer to questions from Board members, Mr. Hunderup explained that the reason for the building design in two units is that the units are not compatible in structural design because of the varying types of functions served by each. He stated that it is cheaper to design two building elements to go as complements to each other than to try to integrate large numbers of small offices and a considerable area in large offices in one building unit. He indicated also that because the volume of traffic was not as great and the peak loads not as frequent or intense as in a classroom building, the elevator requirements were less sophisticated and less costly than in classroom buildings. He explained also that there are provisions for two elevators in the plans; but that it may be necessary because of limited funds to reduce the number to one.

The Board approved the recommendations as presented.

On July 24-25, 1967, the Board approved conceptual studies which Architects Jeppsen and Miller had prepared for the proposed Earth Sciences Complex at Oregon State University and also approved basic studies for the portion thereof authorized by the 1967 Legislature for Oceanography Facilities. It was indicated that a gross area of approximately 28,446 square feet would be provided in a three-story building connected to the initial Oceanography Building near 26th and Orchard Streets and that the total project costs would be approximately $960,000. Authorization was given for preliminary planning based upon a direct construction cost allowance of approximately $681,469, or about $23.96 per square foot.
Institutional officials and the architects have now filed the preliminary plans for the project with the Board's Office indicating that these plans are in substantial agreement with the basic studies. The brick facing proposed for the reinforced concrete structure is expected to harmonize well with the existing building. Refinements have been made in the assignment of individual areas within the basement and the other three levels and there has been a slight increase in the gross area of the building. General storage and refrigerated storage rooms, a general work area and mechanical equipment space have been allocated space within the basement level. Offices, laboratories, seminar rooms and related service areas for geology and oceanography have been identified more precisely in the three floor levels at grade or above. The connector between the existing building and the new unit would contain a lobby and exhibition area on the first level, a photography studio, dark rooms and drafting room on the second level, and an instructional and research materials center, containing current periodicals and recent research publications in related disciplines would be located on the third level. A service dock and receiving room have been added at the north end of the building in close proximity to the elevator and stairway.

The preliminary plans for the proposed Oceanography Facilities reflect a gross area of approximately 29,820 square feet. Based upon the price level expected to prevail in 1968 when bids for the project may be received upon completion of final plans and appropriate authorization of the State Emergency Board, it is estimated that the direct construction costs of $681,469 would average approximately $22.85 per square foot, including air conditioning, fixed equipment, site development and landscaping. Hopefully, construction would be completed early in 1969.

Funds for the project are to be provided from a federal grant of $550,000 approved by the National Science Foundation and from state funds of $410,000 authorized by Chapter 404, Oregon Laws 1967. The total expenditure limitation of $960,000 includes the cost of acquiring the remainder of the site.

With the concurrence of the Chancellor, President Jensen recommended that the preliminary plans for the proposed Oceanography Facilities be approved and that appropriate Board officials be authorized to direct the architects to complete the final plans and specifications for the project, solicit bids, and award construction contracts within the budget total of $960,000 following appropriate authorization by the State Emergency Board.

**RECAP OF INFORMATION AT COMPLETION OF PRELIMINARY PLANS**

**Project** - OSU Oceanography Facilities, including land

**Architects** - Jeppsen, Miller & Tobias, Corvallis

**Legislative authorization** - Ch. 404, O. L. 1967
Board's Priority - Portion of No. 25 in 1967-1969
(remainder of Earth Sciences Complex was not authorized
by 1967 Legislature)

Approximate gross area - 29,820 square feet

Estimated total project cost, including land $960,000

Estimated direct construction cost -
Total - $681,469
Average (per square foot) - $22.85

Tentative Schedule
Bidding - Early 1968
Completion - Early 1969

Tentative financing plan:
State funds (General Fund appropriation or bonding
under existing authority of Article XI-G of Oregon
Constitution) $410,000
Federal grant approved by National Science Foundation $550,000

In the discussion at the Building Committee meeting on October 5,
1967, it was indicated that the National Science Foundation does
not require that plans be approved by that agency when grant funds
are given for construction purposes. The grant of $550,000 toward
the construction of the Oceanography Building is not contingent
on the Foundation's approval of plans but is intended to assist in
accomplishing the objectives outlined in the application for funds.
The application was based upon an assumption of a preliminary plan
very similar to the present plan.

The efficiency factor (relationship of net assignable area to gross
area) for the Oceanography Facilities, as planned, is approximately
53.1 percent.

The Committee recommended that the Board approve the recommendations
as presented.

The Board accepted the report as presented.

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On September 28, 1967, upon the recommendation of Oregon State
University officials, the Vice Chancellor for Business Affairs
inspected and accepted the work performed by the three principal
construction contractors for Finley Hall, which is Unit 1 of
Complex A of the South Residence Hall Group, subject to the com-
pletion of a few minor items. A revised semifinal budget for the
project is shown below in comparison with the budget reported to
the Board on April 25-26, 1966:

| Project Costs:                           | Revised      | Original     | Increase      |
|                                         | 9/28/67      | 4/25/66      | (Decrease)   |
| Direct Construction Costs:              |             |              |              |
| General Work - Todd Building            | $1,226,179   | $1,204,717   | $21,462(1)   |

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Report of Inspection and Acceptance
of Unit 1 of Complex A of South Residence
Hall Group, OSU
Meeting #361-9

October 23-24, 1967

Project Costs:

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget 9/28/67</th>
<th>Original Budget 4/25/66</th>
<th>Increase (Decrease)</th>
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<tbody>
<tr>
<td>Mechanical Work - W. D. Claggett Mechanical Contractors, Salem</td>
<td>288,426</td>
<td>286,783</td>
<td>1,643 (2)</td>
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<td>Electrical Work - Ace Electric Co., Portland</td>
<td>91,424</td>
<td>89,771</td>
<td>1,653 (3)</td>
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<td>Telephone Duct System - Wm. A. Ylinen, Portland</td>
<td>13,011</td>
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<td>13,011 (4)</td>
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<td>Total direct construction costs</td>
<td>$1,619,040</td>
<td>$1,581,271</td>
<td>$37,769</td>
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<td>Professional service fees</td>
<td>91,452</td>
<td>88,700</td>
<td>2,752</td>
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<td>Furnishings and equipment</td>
<td>84,500</td>
<td>95,000</td>
<td>(10,500)</td>
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<tr>
<td>Construction supervision</td>
<td>14,400</td>
<td>14,400</td>
<td>--</td>
</tr>
<tr>
<td>Site preparation</td>
<td>2,057</td>
<td>5,500</td>
<td>(3,443)</td>
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<tr>
<td>Legal and miscellaneous expenses</td>
<td>8,551</td>
<td>3,504</td>
<td>5,047</td>
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<tr>
<td>Contingencies</td>
<td>--</td>
<td>31,625</td>
<td>(31,625)</td>
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<tr>
<td>Total</td>
<td>$1,820,000</td>
<td>$1,820,000</td>
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Sources of Funds:

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<tr>
<th>Source</th>
<th>Revised Budget 9/28/67</th>
<th>Original Budget 4/25/66</th>
<th>Increase (Decrease)</th>
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<tr>
<td>Institutional auxiliary enterprise balances</td>
<td>$ 93,417</td>
<td>$ 93,417</td>
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<tr>
<td>Series 1966 bond borrowings issued pursuant to Article XI-F(1) of Oregon Constitution (par value $1,735,000)</td>
<td>1,726,583</td>
<td>1,726,583</td>
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<tr>
<td>Total</td>
<td>$1,820,000</td>
<td>$1,820,000</td>
<td>--</td>
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</table>

(1) Includes reinstatement of alternate for carpeting in selected areas; revision of mail room and office rooms; provision for basement landing for future elevator; installation of concrete sun deck on roof; change in ceiling area of shower rooms; and other minor changes incorporated in thirteen approved change orders.

(2) Includes installation of sump for future sidewalk elevator; provision for additional air supply in toilet and shower rooms to correct exhaust air imbalance; and other minor changes incorporated in seven approved change orders.

(3) Includes installation of television antenna system and other minor changes incorporated in three approved change orders.

(4) Includes one change order for installation of additional steel conduits.

Plans and specifications for Finley Hall were prepared by Architects Bear, McNeil, Bloodworth & Hawes of Portland. The building is the first unit of the residence hall complex located south of Washington Way between Fifteenth and Nineteenth Streets. It contains a basement and seven stories and was designed for a flat slab,
reinforced concrete, post tensioned "lift slab" method of construction with steel fireproofed columns. Exterior walls feature pre-cast concrete panels, reinforced concrete with some brick veneer and concrete "eyebrows" above the aluminum windows for sun protection. Heating is provided from the nearby central heating plant.

For the gross area of 84,751 square feet, the direct construction costs of $1,619,040 average approximately $19.10 per square foot. Based upon the total rated capacity of 378 students, the total project cost of $1,820,000, excluding land, averages approximately $4,815 per student.

The Board accepted the report as presented.

Purchase of Carver Property, OSU

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Carver property located within the approved projected campus boundaries at 2618 Arnold Way, Corvallis. The owner has indicated a desire to sell the property and has executed an option in the amount of $9,800, which is in line with Board appraisals. The property consists of a lot containing approximately 3,125 square feet improved with a two-bedroom frame residence. The property is located in the area designated for the Family Study Center but is also needed for the vacation of an alley prior to the construction of the Oceanography Building. Funds to finance the acquisition are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.

Revised Basic Studies for Computer Center, OSU

Oregon State University officials have filed with the Board's Office revised basic studies for the proposed Computer Center for which a budget of $555,000 was authorized by the 1967 Legislature as part of the 1967-1969 capital construction program. Some background information may be of assistance to the Board in the analysis of this project.

Early in 1961, the institution received a grant of $200,000 from the federal government to cover a portion of the cost of designing and constructing a high-speed computer. It was anticipated that further grant assistance would be obtained within a year or so to finish the equipment assembly. Consequently, in order to provide the facilities necessary to accommodate this computer and related equipment, a request was made to the 1961 Legislature for funds in the amount of $350,000 and arrangements were made with Architect Herman Brookman of Portland to prepare the plans for this project. Legislative authorization was limited to $150,000 with the understanding that the Emergency Board or a subsequent legislative assembly could increase the expenditure limitation if additional funds became available for the construction of the facilities.
The preliminary plans for the proposed Computer Center were approved by the Board in March 1962. It was indicated that the building would be located east of Kidder Hall, the former library building, and would have an estimated gross area of approximately 21,265 square feet. Of the total project cost estimate of $350,000, the direct construction costs were expected to be approximately $289,785, including air conditioning equipment. The design contemplated a reinforced concrete and steel structure of two stories, plus basement, compatible in appearance with the former library unit to which it would be connected by a passageway. Authorization was given to the architect to complete the final planning, but this planning was suspended when it became apparent that construction would need to be deferred for subsequent legislative authorization. (Except for a nominal amount released for architectural planning, the 1961 General Fund appropriation was canceled during the special legislative session in 1963. Furthermore, additional grant assistance for the computer itself did not appear to be available.)

The continuing rapid increase in demands for computational services at Oregon State University has led recently to the creation of a Computer Center as a separate administrative unit in order to consolidate the campus computing facilities and to serve as a focal point in the coordination of computer-related activities on the campus. This center has been allocated approximately 5,000 square feet in Kidder Hall, meeting only minimal needs and occupying areas which are expected to be assigned to the Mathematics and Statistics Departments. Anticipated equipment acquisitions, together with the addition of personnel for operations and for research, taxes severely the present space allocation and will necessitate additional space. The Control Data 3300 System, installed at the institution following receipt of grant assistance in 1966 from the National Science Foundation, is to be expanded considerably in the very near future and will require substantially more area along with space for production programmers, system programmers, system analysts, key punchers and other clerical assistants.

In recognition of these requirements, the Board's capital construction program for 1967-1969 included, as Priority No. 17, a request for $555,000 to plan, construct and equip the proposed new Computer Center. The architectural firm of Brookman, Zaike & Miller was authorized to review the planning which had been accomplished earlier in order to determine the changes needed to give effect to current requirements. As noted above, the architects and institutional officials have now filed with the Board's Office the revised basic studies for this project, reflecting an initial gross area of approximately 20,875 square feet in a one-story building, plus basement, to be constructed on the original project site east of Kidder Hall. These studies also reflect projections of future construction phases, including the horizontal and vertical expansion of the initial unit and the potential development of a separate five-story unit, plus basement, immediately south of the proposed initial unit. Ultimately, a total gross area of 104,500 square feet could be made available for the Computer Center.
The main floor area of the basic building would include the area for the computing equipment with adjoining spaces for data preparation, control, customer engineering and related service spaces, including the key punch rooms and remote teletype units. Office spaces would be provided for several faculty and staff members associated with the Center. A conference room would also be provided. The basement area would include space for mechanical and electrical equipment, two laboratories, restroom facilities and storage rooms. Structural capacity would be provided for a future second floor level to include additional computational laboratories and staff offices. The building would be of reinforced concrete construction with exterior wall panels of precast concrete and possibly some brick veneer. One of the special features within the building would be a prefabricated raised floor in the computer room to permit easy access to the mechanical and electrical services. (A similar floor was installed in Kidder Hall.) Based upon the price level expected to prevail in 1968 when bids for the project may be solicited, institutional officials estimate that the direct construction costs would be approximately $465,000, or an average of $22.28 per square foot, including fixed equipment.

With the concurrence of the Chancellor, President Jensen, recommended that the revised basic studies for the Computer Center, as developed with the assistance of Architects Brookman, Zaik & Miller, be approved and that the appropriate Board officials be authorized to instruct the architects to complete the preliminary and final plans for the project based upon direct construction cost allowance of $465,000. Of the total project cost estimate of $555,000, it is expected that an application will be made for federal grant assistance under the Higher Education Facilities Act of 1963 and the remaining requirements would be financed from the General Fund appropriation or from bonding under Article XI-G of the Oregon Constitution. Tentatively, it is anticipated that bids would be solicited in mid-1968 with occupancy of the building expected early in 1969.

RECAP AT COMPLETION OF REVISED BASIC STUDIES

Project - OSU Computer Center
Architects - Brookman, Zaik & Miller, Portland
Legislative authorization - Chapter 404, Oregon Laws 1967
Board's priority - No. 17 in 1967-1969
Approximate gross area - 20,875 square feet

Estimated total project cost - $555,000

Estimated direct construction costs:
Total $465,000
Average (per square foot) - $22.28

Tentative schedule:
Bidding - Mid-1968
Completion - Early 1969
Tentative financing plan:
State Funds (General Fund appropriation or Article XI-G bonding), and offsets, such as federal grant assistance under Higher Education Facilities Act of 1963, as amended $555,000

The Board discussed the provisions for expansion of the building and the cost factors involved, particularly for the expansion of the basement area. It was pointed out that the second phase of the project would consist of an expansion of the basement and the first and second floors of the building, but that it was also hoped that the basement in the first unit of the building could be excavated completely under bid alternates.

Board members inquired whether computer systems at both Corvallis and Eugene were an unnecessary duplication and also asked about the status of efforts to coordinate the computer development in the State of Oregon as a whole. It was indicated that the computer equipment was currently being used a substantial number of hours at both the University of Oregon and Oregon State University, and that in the near future it probably would be operating on a 24-hour basis. It was reported also that interconnections between computer systems in the state can be accomplished readily by either telephone lines or microwave relays. It was pointed out that an understanding of computer science is almost a necessity in the technological fields for any student with a baccalaureate degree; also that computer science is becoming increasingly important in all fields and it is difficult to provide sufficient computer instruction time for training all of the individuals who will need to be familiar with computer operation and use. It was noted also that recent experience has shown that computers and data processing equipment become obsolescent in three to five years.

The Chancellor said that there are three tasks which the computers will help to perform. One is in the centralized fiscal control and management role of the Board's Office which will require a central computer installation with input and output devices at the various campus locations. The second task will be in connection with the management responsibilities of the individual institutions, which require sophisticated, detailed data at the local level to be handled by computer equipment on the campuses rather than through feedback from a centralized computer. The local installations may be combined for institutions in close geographical proximity. A third task involves instruction of students and research using computers which would be under institutional control.

The Chancellor said it would appear that the three tasks would require fairly extensive computer installations and connections with the central computer. He said there was little likelihood that computer centers at the University of Oregon and Oregon State University would result in unnecessary duplication because these facilities will both be operating full time and there will be pressures to increase their capacities, especially for student instruction.
Board members emphasized the need to provide in the computer center a potential for expansion in the development of computer installations. Mr. Hunderup indicated that the proposed plans are completely new and that they include the potential for future expansion both horizontally and vertically. The original plans had been discarded because they did not meet the requirements for such potential expansion. He said that the size of the computer equipment was getting smaller but that increased space was required for the ancillary equipment, for offices, and for users of the equipment.

The Chancellor said also that the growing need for student instruction in the use of computers would have an impact on the instructional budgets of the institutions because at the present time no funds have been provided in the budgets to pay for time on the computers to be used for student instruction. Institutional executives indicated that recent small expenditures for this purpose have had to be financed from funds diverted from other needed items in the budgets. The problem of purchasing computer time is less serious for research use because the necessary research costs frequently can be included in applications to the granting agencies.

The Board approved the recommendations as presented.

As noted in the minutes of the September 12, 1967, meeting of the Board, Architects Zaik & Miller of Portland were commissioned to assist the staff of Oregon State University in the design and construction supervision of Dairy Center Facilities replacing those which were destroyed by fire on February 7, 1967. Members of the Board toured the project site on Oak Creek Road west of Thirty-Fifth Street at the time of the March 13-14, 1967, meeting in Corvallis.

Institutional officials and the architects have filed with the Board's Office completed preliminary plans for this project involving two principal building units, coordinated with the existing milking parlor which was constructed in 1960. The work would be scheduled in two phases under a single contract:

1. Removal of the existing heifer barn, cleaning up the debris from the area of the former dairy barn, relocating and repairing two damaged silos, and constructing a new Feed Storage Barn containing a gross area of approximately 11,520 square feet.

2. Removal of the existing loafing barn, milk barn, equipment shed and other minor structures as well as the large concrete slab adjacent to these facilities, and constructing in this location a new Dairy Barn containing a gross area of approximately 34,048 square feet with connection to the existing milking parlor unit. Some remodeling would be required in the south portion of the milking parlor to accommodate equipment for washing the cattle and storing water for flushing the floors of the Dairy Barn.
The proposed new facilities would incorporate the most recent developments in dairy operation and management and would provide an appropriate environment for related instructional and research programs. The Dairy Barn would provide housing and feeding for a herd of approximately 250 cows, which is the same number previously housed by the old barn. The flexibility of the new design, however, would make possible far greater utilization of the animals for study and research. Each animal would be fed and restrained individually so that the entire herd would be available for various research projects in nutrition, physiology, endocrinology, genetics and management. Techniques of identification, dehorning, clipping, fitting, parasite control, calf feeding, semen collection and preservation, etc., would be taught in the new barn. The facilities would also permit demonstration of the latest methods of cattle waste disposal and sanitation, using a system patented by Agpro, Inc., of Santa Rosa, California.

The Feed Storage Barn would serve primarily as a shelter for forage, replacing the former "loft" area of the barn which was destroyed by fire. Sufficient storage space would be provided for 400 tons of baled hay and for the storage of concentrates, minerals, salt, bedding and research feeds, etc. Trucks, tractors, carts, etc., would be able to drive right into the building for loading and unloading. Space would also be provided for unloading silage material from the adjacent silos. The building would be constructed of laminated wood columns, beams and purlins with solid wood roof decking. Ultimately, the exterior walls would be constructed of horizontal bevel cedar siding but it may be necessary in the initial project to omit the siding. A ventilating skylight would run lengthwise throughout the building in order to permit constant air movement.

The Dairy Barn would be constructed of round concrete columns with laminated wood beams and purlins and solid wood roof decking. Exterior walls would be of reinforced concrete block with some horizontal bevel cedar siding. Except for the animal stalls, which would be earth filled with sawdust cover, the floor of the barn would be concrete sloping uniformly to the south. A ventilating skylight similar to that in the Feed Storage Building would provide constant air movement and light to the interior of the building. Overhead doors would be installed along the south wall to provide protection from wind and rain during winter months.

Tentatively, it is estimated that the total project cost would be approximately $232,210, of which the direct construction costs, including site work, would be approximately $192,362. Based upon the total gross area of approximately 46,768 square feet, including about 1,200 square feet of remodeled area within the milking parlor unit, these direct construction costs would average approximately $4.11 per square foot. The project would be financed from proceeds from the State Restoration Fund. Some of the demolition work and site clearance may be undertaken by University employees, but it is contemplated that bids would be received for the new construction work very early in 1968. Work included in the first phase, primarily related to the Feed Storage Barn, is to be completed late in April.
1968. The construction of the Dairy Barn and other work within the second phase is to be completed by August 30, 1968, if possible. Institutional officials have indicated that the present make-shift operation is not economical because cattle feed cannot be purchased in large quantities at reasonable prices since storage facilities are not available. Inasmuch as the temporary units where the cattle will be housed this winter must be removed to clear the site for new construction, the replacement facilities must be available prior to the fall of 1968.

With the concurrence of the Chancellor, President Jensen recommended that the preliminary plans for the proposed new Dairy Center Facilities, as prepared with the assistance of Architects Zaik & Miller, be approved and that the appropriate Board officials be authorized to instruct the architects to complete the final plans and specifications, solicit bids and award construction contracts within the budget total of approximately $232,210, financed from State Restoration funds.

RECAP ON COMPLETION OF PRELIMINARY PLANS

Project: OSU Dairy Center Facilities

Architects: Zaik & Miller, Portland

Legislative authorization: None

Board's priority: Not applicable (Replacement of facilities destroyed by fire in February 1967)

Approximate gross area: 46,768 square feet, including 1,200 square feet within existing milking parlor unit to be remodeled.

Estimated total project cost $232,210

Estimated direct construction costs:
  Total, including site work $192,362
  Average (per square foot) - $4.11

Tentative schedule:
  Bid - January 1968
  Completion - August 1968

Financing plan:
  State Restoration Fund $232,210

The Board approved the recommendations as presented.
President Jensen reports that the Depoe Bay Water District has indicated a need for a perpetual easement to enable placing and maintaining a water main across property which is owned by Oregon State University. Involved is a strip of land two and one-half feet on either side of the property line dividing two lots in Depoe Bay, one of which is owned entirely by the Board and the other in which the Board has a 50 percent interest. In addition, the District requires a temporary easement on an additional two and one-half feet on either side of the perpetual easement for construction purposes. The permanent easement is conditioned upon the maintenance of a water main thereon.

The Water District is embarking upon a program of replacement of water service facilities including the relocation of a water tower and new water lines to better service the property in the area including 19 lots owned by the Board in their entirety and 11 lots in which the Board has a 50 percent interest. The lots were received by the Board pursuant to a 1941 agreement between the Board and Mr. and Mrs. J. C. Braly. Moneys received by the Board as the result of the agreement shall be used to reimburse the Board for payments which it had made to Mr. and Mrs. J. C. Braly, and the remainder is to be used to establish a fund with the income or principal to be used for the benefit of the Braly Ornithological Collection maintained at Oregon State University.

The Depoe Bay Water District has obtained an easement, at no cost, from the owner of the other 50 percent interest in the one lot.

President Jensen, with the concurrence of the Chancellor, recommended that the easement be granted in the form approved by the Board's attorney.

The Board approved the recommendation as presented.

In accordance with Board regulations, Mr. Ray T. Yasui represented the Board at the 1967 Summer Commencement exercises of the University of Oregon and acted for the Board in approving candidates for degrees and diplomas. The signed copies of the list of approved candidates are on file in the Board's Office.

The Board confirmed the action of Mr. Yasui in approving the degree lists.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Raybourn-King property located within the approved projected campus boundaries at 1811-1811½ Moss Street, Eugene. The owners have indicated a desire to sell the property and have executed an option in the amount of $15,316, which is in line with Board appraisals. The property consists of a lot containing approximately 8,736 square feet improved with two frame
residences. The property is in the area designated for future dormitory construction, and funds are to be provided from proceeds of sale of Article XI-F(1) Series 1963B bonds available to the University for acquisition of dormitory sites.

The Board approved the recommendation as presented.

Report of Bids and Contract Award for New Cafeteria, UOMS

Pursuant to authorization granted by the Board on September 11, 1967, bids were received in Portland on September 19 for the proposed Cafeteria Addition and Alterations to the Medical Science Building at the University of Oregon Medical School. As adjusted for various deductive alternates, the five bids received ranged from a low of $274,633 to a high of $283,876. The project budget is summarized below:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs - Paul B. Emerick Co., Portland</td>
<td>$274,633</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>15,929</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>38,699</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>2,500</td>
</tr>
<tr>
<td>Contingencies (3% of direct construction costs)</td>
<td>8,239</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$340,000</strong></td>
</tr>
</tbody>
</table>

The increase of $10,000 above the earlier estimate of $330,000 is expected to be provided from gift and grant funds available to the Medical School, supplementing $5,000 from state funds authorized by Chapter 404, Oregon Laws 1967 (for work relating to future remodeling of existing cafeteria space into administrative offices) and $325,000 of restricted funds, principally self-liquidating bond borrowings under Article XI-F(1) of the Oregon Constitution. Following appropriate authorization by the State Emergency Board on October 16, 1967, a contract award was made to the low bidder and construction was authorized within the budget total of $340,000 outlined above.

Plans and specifications for the new cafeteria were prepared by Architects Dukehart and Kinne of Portland. For the gross area of 10,452 square feet, the direct construction costs average approximately $26.28 per square foot. Following the completion of the project in mid-1968, it is expected that bids will be solicited for the conversion of the existing cafeteria into office space in accordance with the program outlined in the minutes of the September 11, 1967, meeting of the Board. An expenditure limitation of $425,000 was established by the 1967 Legislature for the construction of the new cafeteria and the alterations in the Medical Science and Administration Buildings.

The Board accepted the report 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 are to be presented to the Finance Committee of the Board for approval. The present schedule has been in effect since April 1, 1967, and needs revision to reflect the increase in costs of hospital operations particularly recent pay increases for classified personnel.

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

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

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

<table>
<thead>
<tr>
<th>Days</th>
<th>Present Schedule</th>
<th>Proposed Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st-4th days</td>
<td>18.00</td>
<td>19.00</td>
</tr>
<tr>
<td>5th-8th days</td>
<td>16.00</td>
<td>17.00</td>
</tr>
<tr>
<td>9th-12th days</td>
<td>14.00</td>
<td>15.00</td>
</tr>
<tr>
<td>13th day</td>
<td>10.00</td>
<td>11.00</td>
</tr>
<tr>
<td>14th day</td>
<td>9.00</td>
<td>10.00</td>
</tr>
<tr>
<td>15th and following days</td>
<td>2.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

The above rates for special services are all inclusive with the exception of the following additional fees:

- Cardiac Catheterization: $160.00
- Chromosomal Studies: 120.00
- Buccal Smear: 10.00
- Dermal Prints: 10.00
- Special Orthopedic and Surgical Appliances: At cost
- Surgery Use Fee for Outpatients: 25.00

The above schedules do not apply to the Premature Infant Nursery where the all inclusive rate will be $20.00 per day for room, board, nursing, plus special services at $3.00 per day.

The Board approved the recommendation as presented.

As provided in Paragraph C-7-C(5) of the Administrative Code of the Board of Higher Education, charges in fees charged patients at the University of Oregon Medical School Teaching Hospital are to be presented to the Finance Committee of the Board for approval. During the past several years it has been necessary to adjust upward the schedule of hospital charges to reflect the continuing increases in operating costs. This year's operating costs were particularly affected in the early spring by pay increases for nursing personnel and again in July by pay increases for other classified personnel. It is expected that additional changes will be required as the Medical School adds many new types of special examinations to its hospital services.
Because of the frequent changes in nurses' salary rates and other operating costs, Dean Baird, with the concurrence of the Chancellor, recommended that the Administrative Code be revised as follows to authorize the Chancellor to approve the charges as the level of operating costs may require:

Paragraph C-7-C(5). Preparation of Schedule for Charges for Hospital Care. A schedule of charges for hospital care reflecting the cost of services rendered and subsequent modification thereof will be prepared by the Medical School and presented to the Chancellor for approval.

Board members expressed the opinion that from a public relations standpoint it would be preferable to have changes in hospital fees approved by the Board because it would make the Board and the public aware of the reasons for the increased charges. It was pointed out that present policy requires that the charges for medical services be related to the costs, and that any policy change in this respect should come to the attention of the Board.

Mr. Layman then moved that Paragraph C-7-C(5) of the Administrative Code of the Board of Higher Education be amended to reflect the fact that the changes in hospital fees are no longer presented to the Finance Committee but are to be presented directly to the Board. The indicated section, as amended, appears below:

Paragraph C-7-C(5). Preparation of Schedule of Charges for Hospital Care. A schedule of charges for hospital care reflecting the cost of services rendered and subsequent modification thereof will be prepared by the Medical School and presented to the Board for approval.

The Board approved the revision to the Administrative Code as amended in Mr. Layman's motion.

Portland State College officials and Architects Campbell-Michael-Yost have filed with the Board's Office a copy of the preliminary plans for the proposed Science II unit which was included as Priority No. 16 in the Board's capital construction program for 1967-1969. Generally, these plans conform to the basic studies approved by the Board on March 13-14, 1967, except as follows:

a. The gross area of the building has been increased from 200,176 square feet to approximately 208,896 square feet:

<table>
<thead>
<tr>
<th></th>
<th>Basic Studies</th>
<th>Preliminary Plans</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science facilities</td>
<td>123,484</td>
<td>127,109</td>
<td>3,625</td>
</tr>
<tr>
<td>Food service facilities</td>
<td>10,640</td>
<td>11,915</td>
<td>1,275</td>
</tr>
<tr>
<td>Parking facilities</td>
<td>66,052</td>
<td>69,872</td>
<td>3,820</td>
</tr>
<tr>
<td>Totals</td>
<td>200,176</td>
<td>208,896</td>
<td>8,720</td>
</tr>
</tbody>
</table>
b. In lieu of expanding the central heating plant adjacent to the Physical Education Building and routing utility services through temporary lines to Science II, it is now expected that the additional 15,000 m.b.h. boiler would be installed in the central heating plant within the State Hall complex and that steam would be routed through the existing utility tunnel on S. W. Mill Street. An 850-ton chiller would be installed within the sub-basement area of Science II and provision would be made for the future installation of a similar unit to serve additional science units. Temporarily, two 425-ton cooling towers would be installed at grade level in close proximity to Science II, but would be relocated to a permanent site when the institution has resolved its plans for areas to be acquired under the Urban Renewal project. It is possible that a grouping of cooling towers might be located near the central heating plant west of the Physical Education Building.

c. The estimated direct construction costs have been modified slightly. Whereas it had been reported earlier that these costs would average about $31.76 per square foot for the science facilities alone, excluding built-in laboratory fixtures, the comparable estimate now is $32.89 per square foot. Unit costs for the parking areas have decreased from about $6.50 to approximately $6.15 per square foot, and the estimates for food service facilities have been reduced from $23.00 to $20.54 per square foot. All of these amounts reflect the price level expected to prevail in 1968 when bids for the project may be received following voter approval of a bonding program for educational and general buildings.

The estimated total project cost of $7,045,000 remains unchanged. Restricted funds, such as bond borrowings under the provisions of Article XI-F(1) of the Oregon Constitution, would be used to finance the $490,000 budget for parking facilities and the $345,000 budget for food service facilities, leaving $6,210,000 to be financed from state funds, federal grants, etc.

Science II would be sited south of Science I and west of the Ione Plaza. It would be connected to Science I by a pedestrian bridge across S. W. Mill Street at the mall level, and would also be served by an elevated walkway extending easterly over S. W. Montgomery Street to the existing bridge between the College Center Building and State Hall. The two basement levels would provide automotive parking for approximately 196 vehicles in an average area of about 356 square feet each and an average investment of approximately $2,500 per vehicle space.

The outline specifications for the project correspond with those mentioned during the presentation of basic studies. The building would be of concrete construction with some brick veneer, principally as the exterior finish of the eight vertical towers which provide structural support and accommodate the mechanical systems including the fume hood exhaust system. A total of six floor levels would be provided in addition to the partial sub-basement mechanical room.
Laboratories and other large teaching spaces would be located within the central areas of the top four floors, with smaller spaces, such as offices, seminar rooms, etc. grouped along exterior walls where ceiling heights can be reduced to allow the installation of major mechanical systems between laboratory spaces and the vertical towers. All laboratory spaces would be air conditioned using 100 percent outside air. Offices would be air conditioned also, but would be on a recirculated air system with a minimum of 25 percent of fresh air.

Tentatively, it is expected that 263 classroom and 476 laboratory stations would be provided and about 99 faculty and staff office stations would be included in Science II. Interior space arrangements have been defined more precisely in the completion of the preliminary plans but conform generally to the basic studies reviewed and approved at the March 1967 meeting. The architects have been assisted by Earl L. Walls & Associates of La Jolla, California, in the planning of the laboratory facilities and the various utility systems required in the building. Special emphasis has been given to design concepts which are intended to provide a high degree of flexibility in the use of the science areas as requirements change.

With the concurrence of the Chancellor, President Millar recommended that the preliminary plans for Science II be approved and that the appropriate Board officials be authorized to instruct Architects Campbell-Michael-Yost to complete the final plans and specifications for the project based upon a direct construction cost allowance of $5,985,084. This amount excludes the estimate of $78,440 for the installation of the additional boiler and related piping in State Hall, to be designed by others, but includes an estimate of $726,100, or about $5.71 per square foot of science areas, for built-in laboratory fixtures. Funds required for the planning are to be provided from the General Fund appropriation in Chapter 404, Oregon Laws 1967, except for the portion applicable to auxiliary enterprises (parking and food service facilities). Following the completion of the final plans, and the development of a satisfactory financial program, including voter approval of the bond measure in May 1968, it is expected that bids will be solicited and contract awards made subject to appropriate expenditure authorization by the State Emergency Board.

RECAP OF INFORMATION AT COMPLETION OF PRELIMINARY PLANS

Project – PSC Science II
Architects – Campbell-Michael-Yost, Portland
Legislative authorization – Ch. 404, O. L. 1967
Board's Priority – No. 16 in 1967-1969
Approximate gross area – 208,896 square feet
Estimated total project cost: $7,045,000

Estimated direct construction costs:
- Total: $6,063,524
  - Average (per square foot):
    - Total project (excluding malls, boiler and pipe in State Hall): $26.90
    - (Science facilities, including cooling and fixed equipment): 38.60
    - (Food service facilities, including fixed equipment): 23.65
    - (Parking facilities for 196 cars): 6.15

Tentative schedule:
- Bidding: Mid-1968
- Completion: Fall 1970

Tentative financing plan:
- State funds (bonding under proposed Article XI-F(1)A subject to voter approval in May 1968) and offsets, including federal grants: $6,210,000
- Bond borrowings under Article XI-F(1) for food service facilities ($345,000) and parking facilities ($490,000): $835,000

Discussion by the Building Committee at the meeting of October 5, 1967: The following facts were brought out in answer to questions from Board members: First, it was explained that consideration of the project was deferred from the September Board meeting because the Board members felt that before an official decision was made it was desirable for the Building Committee to have an opportunity for a thorough examination of the plans, the implications of the plans and the financial program for Science II, one of the largest and most costly building projects the Board has ever undertaken.

Mr. Hunderup, Director of Facilities Planning, Mr. Yost of the architectural firm of Campbell-Michael-Yost, and Mr. Walls, a planning consultant from La Jolla, California, gave detailed square foot cost analyses based on current and expected 1968 indexes. These costs were compared with costs of other State System science buildings. It was brought out that the principal areas of cost differences related to the heavy concentration of mechanical work in Science II at Portland State College. Charts showing cost comparisons were distributed and discussed in some detail. Caution was urged in the interpretation of statistical data on square foot costs, particularly when there are differences in the calculation of areas, the inclusion or exclusion of fixed equipment, air conditioning or other mechanical and electrical systems, the degree of completion of all interior spaces, etc. It was noted, for example, that the unit costs for a recent science project at the University of Oregon excluded the central air cooling equipment and had not been weighted to recognize the unfinished areas within the building. Escalation of prices from
one period of time to another must also be considered. The Chancellor indicated that in his opinion the estimated costs based on the plans, although seemingly high, were justified in that the design contemplated requirements ten years from now in science, a field that is constantly and rapidly developing and changing. Later in the discussion it was emphasized that any substantial decrease in the dollar amount provided to meet the estimated cost of the building as planned would result in a lowering of efficiency and could affect the quality of the instruction program in science at Portland State College.

Alternatives to including food service in Science II were explored. The most logical alternative appeared to be expansion of the area and facilities in the Student Center. It was pointed out, however, that this alternative would not meet the needs of the concentrated numbers of students and staff who would be located in the west area development of Portland State College. There would also be the added hazard created by the movement of large numbers of persons from Science II to the Student Center. The food service area in Science II could be converted to academic use later if and when needed. It is planned that the food service will be of the limited snack-bar type rather than a complete meal service.

With regard to the proposed underground parking area in Science II, it was indicated that:

1. The space can be converted later to academic or other use if necessary. The underground space is not suitable for science laboratories, but can be converted to other institutional use if relative needs change at a later date. Part of the cost assigned to the parking area is a result of providing higher than normal ceiling heights to permit later conversion if necessary.

2. The cost of $2,500 per car space is somewhat higher than in the initial parking structure at Portland State College but must be considered in relation to the cost of facilities other than parking that would be required if the parking were provided elsewhere and the basement level used for other purposes. In addition to the cost of parking facilities elsewhere, it would probably be necessary to provide shuttle buses and facilities for additional pedestrian circulation both inside and outside the building.

3. If parking were moved elsewhere, it would be necessary to shift other facilities in the over-all campus plan.

4. It appears that if parking places are to be provided at a ratio of one for each three students, as approved by the Board in considering the long-range development plan, it will be necessary to utilize spaces under new buildings for parking, as well as to have some surface parking and other parking structures.
5. The assignment of the cost to the basement parking area is based on the structural cost, ventilating, sprinkling and lighting costs of the area, plus a prorated cost of the footings.

It was stated by the architects and the staff that the exterior design of Science II has been planned to identify well with other Portland State College structures.

Included in the total cost of the building is an estimate of approximately $125,000 for an interlocking or network protection, electrical system designed to prevent any break in power service. In the event of a failure or outage in the distribution system for Science II, part of the load can automatically be picked up through an adjacent building. Portland State College is serviced by more than one substation of the utility company which supplies electric power. Power outages could be costly in terms of both time and money in a science building where research is being conducted.

Science II is designed for a commingling of disciplines—that is rooms and laboratories for physics, chemistry, biology, etc., are intermingled. No one discipline is isolated in a separate section or floor. Services within the building have been centralized to accommodate all disciplines. Dr. Howard Boroughs, the newly appointed Dean of Faculty at Portland State College, indicated that the boundaries between science disciplines were becoming less distinct and that science instructional and research facilities should have maximum flexibility. Mr. Walls stated that his firm specializes in both industrial and educational laboratory buildings from coast to coast. He reported that modern science laboratories are more advanced and sophisticated than in prior years and are becoming increasingly more so. He stated also that flexibility appears costly but is a necessity which will add to the longevity of the building with a minimum need for alterations in the future.

No provision has been made for vertical expansion of Science II beyond the six floors, plus partial subbasement, because of the high costs of vertical transportation to move masses of people in short periods of time.

The architects and their consultant, Mr. Walls, indicated that the efficiency factor (relation of assignable area to the gross area) in the plans for Science II as presented is 65.6 percent for total area, inclusive of parking and food service areas and approximately 44 percent in the laboratory area. The average efficiency factor for science buildings was reported as approximately 55.5 percent for total area with about 38 percent in laboratory areas.

The Committee recommended that the Board approve the preliminary plans for Science II and that the appropriate Board officials be authorized to instruct the architects to complete the final plans and specifications for the project based upon a direct construction cost allowance of $5,985,084.
The Board discussed the proposed science facility for Portland State College, including the differences between this facility and the facilities under construction at the University of Oregon. It was again pointed out that the science disciplines located in the Portland State College building would be intermingled while the University of Oregon has traditionally been organized along departmental lines. Also, the existing science facilities at Portland State College are not extensive which makes it possible to use a new approach in the development of the program. Both the Portland State College and the University of Oregon facilities provide flexibility for change in the science disciplines and instruction.

The Board considered the relative costs of recent science construction, the student stations to be provided, the costs related to the limited food service to be provided and lower level parking, and the potential for conversion of these spaces to other uses.

In the discussion of costs, it was indicated that it was unlikely that in 1967 or later it would be possible to develop science facilities involving the same kinds of disciplines that are proposed for Science II at a lower cost per square foot. It was also emphasized that any new science construction must include the flexibility for change as the needs of science instruction change in the future.

President Millar pointed out that the present science facilities at Portland State College consisted of remodeled space in Old Main which originally had been planned for high school science over 50 years ago and a recently constructed building on S. W. Mill Street between S. W. 10th Avenue and S. W. 11th Avenue which had been planned for science within the past few years, but because of various delays in the start of construction, costs had increased and it had not been possible to construct the building as originally planned. He expressed the opinion that the estimated cost of the proposed new building should not be considered excessive but should be regarded as the present cost requirement for adequate science instruction and research facilities. He pointed out that one of the leading national consultants on science facilities had indicated that the proposed Science II at Portland State College was not an unusually expensive science building compared with those currently being built throughout the country.

The Chancellor stated that this building appeared to represent the hard reality of the future of science construction and that science in the future would require this kind of sophisticated facility. Therefore, it seemed unwise to recommend construction which would be less than adequate at the time it was built, and also knowing that by 1975 the plans for science units would be even more extensive and more costly than they are at the present time.

The Board approved the recommendations as presented.
In view of the interest which several individuals and organizations in Portland had shown earlier for the preservation of the frame building located at 1734 S. W. Park, which needs to be removed soon to permit the construction of additions to State Hall at Portland State College authorized by the 1967 Legislature, institutional officials invited proposals for the relocation and rehabilitation of this building, popularly known as the "Jennings House." Although considerable publicity was given to the history of the structure and its architectural significance, principally for its Roman Ionic derivations, only a few inquiries have been received and none has developed into a firm offer.

President Millar has advised the Board's Office that an alternate solution has been found which would accomplish the aims of civic responsibility and provide an opportunity to meet an academic-related need, both within a cost range which, in his judgment, would represent a prudent investment of state and federal funds. It has been determined that the building qualifies as an historic and architecturally valuable building and would be eligible, therefore, for project expenditures through the pending Urban Renewal project at Portland State College.

Under this procedure, the expenses for relocation and rehabilitation would become a part of the overall project costs and would be shared by the federal government on the basis of two-thirds of the net project expense. The other third would be borne by the state. As estimated by the Portland Development Commission, the costs involved would be approximately $45,000, or the equivalent of about $10.00 per square foot for the gross area of 4,485 square feet. The rehabilitation would not include restoration of the interior of the building to its original style.

President Millar has suggested that after the relocation and rehabilitation were accomplished, the building would be operated by the College as an International Student Center and would contain the office of the International Student Counselor, meeting and discussion space for international students enrolled at Portland State College as well as at other colleges and universities in the Portland area. These uses have the endorsement of the director of international programs at the College and the International Relations Committee of the Portland Junior Chamber of Commerce.

The permanent site recommended for the building is on the west half of Block 196, with the entrance facing the Park Blocks between Southwest Jackson Street and the Stadium Freeway. Since this property is to be acquired through the Portland Development Commission, which cannot initiate action until the contract for the Urban Renewal project has been achieved, and since the College must clear the State Hall building sites within the next two months or so, it would appear necessary to handle the relocation and rehabilitation in two separate stages. Initially, subject to appropriate authorization by the Board, the building would be moved to College-owned property on the east half of Block 196. Later, after site acquisition and preparation were accomplished and a new foundation provided, the building would be relocated permanently and the necessary repairs and alterations would be undertaken.
Inasmuch as the expense of moving the "Jennings House" may be applied as a noncash grant-in-aid credit in the Urban Renewal project, President Millar recommended that the initial requirements of approximately $8,100 be financed from Series 1966 General Obligation bonds which were authorized by Chapter 599, Oregon Laws 1965, to cover land acquisition and related costs at Portland State College. The rehabilitation expenses would be borne later by the Portland Development Commission as project costs of which the State's share would be one-third.

Although the Chancellor recognized the interest and efforts of various individuals and organizations in attempting to preserve buildings of architectural historic value and believed that Portland State College officials had developed a program which would accomplish this objective for the "Jennings House" at a fairly reasonable cost, he suggested that the Committee on Buildings and Other Physical Facilities review the policy implications of spending public funds for higher education for such a purpose before a recommendation is formulated and submitted to the Board for final action.

Discussion at Building Committee Meeting of October 5, 1967:

Mr. Holloway mentioned that several buildings in the Portland State College expansion area might qualify as being of historic or architectural significance. Among these are the Jewish Community Center, the Martha Washington Apartments, and the Fruit and Flower Day Nursery, in addition to the Jennings House. It was indicated that both the Jennings House and the Fruit and Flower Day Nursery were listed in a recent Oregon Historical Society publication on significant Portland architecture. Conceivably, similar circumstances could exist on other State System campuses. For this reason, Mr. Holloway moved to retain the matter in the Building Committee for further study with the thought that there should be a Board policy on the use of State Funds for the preservation of historic buildings.

It was explained that the total cost of $45,000 included about $8,000 for moving the Jennings House to a temporary site, then to the permanent site, plus restoration costs for a new foundation, heating system, electrical system, painting and millwork to bring the exterior back to its original condition, and the construction of a full basement with a nine-foot ceiling. Restoration of the interior to its original condition would not be required; however, in order to meet city fire code requirements, it would be necessary to install an additional stairway between the first and second floors to an existing exit. A representative of the Portland Development Commission, which is the urban renewal agency for the City of Portland indicated that the costs of moving and rehabilitation would qualify as eligible costs under the proposed federal program of acquiring and clearing the land for Portland State College, but would require an increase in the amount of the federal government's commitment. It was estimated that the cost to construct a comparable building at current prices would approximate $60,000.
Mr. Layman indicated an interest in the project, but agreed that ordinarily the Board would not want to expend state funds to restore a building than it would to build comparable new facilities. However, if the cost were less or comparable, he saw no reason why it would not be appropriate for the Board to use its funds for restoring buildings of historical, architectural, or artistic interest in the particular community. He recognized that such expenditures would require a new Board policy.

Further discussion brought out the fact that the International Student Center is now housed in rented property and that permanent space for the Center has been considered in the overall campus planning. Institutional officials acknowledged, however, that such facilities would not likely be assigned a high priority in capital construction program recommendations.

They reported that funds other than state funds are not available for the relocation and restoration of the Jennings House since Portland State College does not have any unrestricted gift funds or other funds which can be used for such a purpose.

Because of the need to clear the site on which the Jennings House is located in order to prepare for the construction of additions to State Hall, it was indicated that an early decision on the disposition of Jennings House was necessary. For this reason, Mr. Holloway amended his motion to read "to refer the matter to the Board for consideration at the October 23-24, 1967, meeting in Klamath Falls" rather than to retain it in the Building Committee for further study.

The motion, as amended, was approved.

Mr. Joss said that there were several points involved in the consideration of this project by the Building Committee. First, the building is presently owned by the state. Therefore, the proposed action did not require the use of public funds to purchase from a private property owner, or other persons, a building of artistic and historic significance in order to preserve it. The Board is only deciding whether to wreck the building or to move it. A second unusual factor, from the fiscal standpoint, is that the federal government would pay two-thirds of the cost of relocating the house under the Urban Renewal Project. Third, state funds of $15,000 would be used to move a building which would be used for a foreign student center. The College is now renting property for this purpose and the cost of constructing a comparable building at current prices is estimated at about $60,000.

Mr. Joss said that the expenditure required to move the building would be a good bargain for the state for College purposes and would, at the same time, preserve a building that has artistic value. He moved that the recommendation be approved.

Mr. Layman indicated his agreement with Mr. Joss because for an investment of $15,000 the Board would retain and get the benefit of a building that would cost much more to duplicate and because the building does have interest from an architectural standpoint. Educational funds would be spent to the Board's advantage, and at the same time, something of local interest would be retained.
The Board discussed the status of the Urban Renewal grant for this portion of the project and it was stated that the federal funds have been reserved tentatively for this purpose. The Board discussed also other possible sources of funds for equipping the building.

The Board approved the recommendation as presented.

Report of Acquisition of Reisacher Property, PSC

At the July 24-25, 1967, meeting, the Board authorized acquisition by condemnation, if necessary, of the Reisacher property located at 1701-07 S. W. Broadway, Portland. The property will be used as part of the site for State Hall, N.E. and S.W. units, Portland State College. Pursuant to a compromise offer, the property is being purchased for $65,000 without resorting to condemnation. The necessary funds will be provided from the proceeds of the sale of Article XI-G Series 1966 A bonds as authorized in Chapter 599, Oregon Laws 1965, for the acquisition of property in the area of development of Portland State College.

The Committee recommended that the Board accept the report as presented.

The Board accepted the report as presented.

Increase in Estimated Income, Italian Studies Program and Zagreb Institute, PSC

President Millar reports that estimated student fee income for the Portland State College, Italian Studies Program will exceed the original budget estimate by $28,755 and that student fee income for the Zagreb Institute in Yugoslavia to begin in the fall of 1967 will produce student fee income estimated at $23,800.

President Millar recommended, with the concurrence of the Chancellor that the aggregate amount of $52,555 be added to the expenditure budget for year 1967-68 at Portland State College, to apply toward the cost of operation of the two foreign study programs.

The Board approved the recommendation as presented.

The meeting was recessed at 3:10 P.M., October 23, 1967, and reconvened at 9:00 A.M., October 24, 1967, with the following Board members present:

Mrs. Elizabeth H. Johnson  Mr. Ancil H. Payne
Mr. George H. Layman  Mr. Ray T. Yasui
Mr. Philip A. Joss  Mr. J. W. Forrester, Jr.

Absent: Mr. Chas. R. Holloway, Jr., was absent due to illness; R. E. Purvine, M.D., was absent for business reasons; and Mr. John W. Snider was out of the country.

Expansion of Campus Boundaries, OCE

At the December 1964 meeting, the Board reviewed and approved in principle the long-range Campus Development Plan for Oregon College of Education as prepared with the assistance of Architects Lutes and Amundson. At the January 25-26, 1965, meeting, the Board approved the expansion of the campus boundaries of the College along the lines recommended by Lutes & Amundson. The architects have indicated in
their plan that the campus boundaries should include, for 4,000 to 6,000 student body, the north one-half of the block bounded by Jackson Street on the north, Main Street on the south, Monmouth Avenue on the west, and Warren Street on the east. The use of this property was indicated for educational and general purposes, particularly an expansion of the Library and related facilities, which would necessitate the closing of Jackson Street. The expansion of the campus boundaries, however, deleted approximately 20,419 square feet in the east one-half of the north one-half of that block inasmuch as it was substantially improved by the commercial building of the Monmouth Cooperative Warehouse. In July 1967, the improvements of the Cooperative Warehouse property were totally destroyed by fire and it now appears economically feasible to acquire the remainder of the north one-half of the block.

President Rice, with the concurrence of the Chancellor, recommended that the campus boundaries of Oregon College of Education be revised to include all of the property in the north one-half of the block indicated, thus increasing the total area within the campus boundaries by approximately 20,419 square feet, or .47 acres, from 96.53 acres to approximately 97.00 acres.

The Board approved the recommendation as presented.

The preceding item recommends the expansion of the campus boundaries of Oregon College of Education to include all of the property in the north one-half of the block bounded by Jackson Street on the north, Main Street on the south, Monmouth Avenue on the west and Warren Street on the east. As the result of negotiations, the Board's Office has received a proposal from the Monmouth Cooperative Warehouse to sell their property located in the north one-half of the block. The proposal involves the sale by the Cooperative Warehouse of approximately 20,419 square feet of unimproved property for the sum of $14,250, which is in line with appraisals obtained by the Board.

President Rice, with the concurrence of the Chancellor, recommended that authorization be given to purchase the indicated property of the Monmouth Cooperative Warehouse for the sum of $14,250. Funds for the acquisition are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.
On October 3, 1967, upon the recommendation of Southern Oregon College officials, the Vice Chancellor for Business Affairs inspected and accepted the work performed by the three principal construction contractors for the Library Building, subject to the completion of a few minor items. A revised semifinal budget for the project is shown below in comparison with the budget reported to the Board on April 25-26, 1966:

### Project Costs:

<table>
<thead>
<tr>
<th>Description</th>
<th>Revised Budget 10/3/67</th>
<th>Original Budget 4/25-26/66</th>
<th>Increase/Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direct construction costs:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - Todd Building Co., Roseburg</td>
<td>$1,066,387</td>
<td>$993,585</td>
<td>$72,802(1)</td>
</tr>
<tr>
<td>Mechanical Work - Western Mechanical, Inc., Medford</td>
<td>302,665</td>
<td>300,920</td>
<td>1,745(2)</td>
</tr>
<tr>
<td>Electrical Work - Trowbridge Electric Co. of Medford</td>
<td>112,778</td>
<td>109,874</td>
<td>2,904(3)</td>
</tr>
<tr>
<td><strong>Total direct construction costs:</strong></td>
<td>$1,481,830</td>
<td>$1,404,379</td>
<td>$77,451</td>
</tr>
<tr>
<td>Professional service fees</td>
<td>86,382</td>
<td>82,045</td>
<td>4,337</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>150,000</td>
<td>150,000</td>
<td>--</td>
</tr>
<tr>
<td>Landscaping</td>
<td>505</td>
<td>12,000</td>
<td>(11,495)(6)</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>11,283</td>
<td>8,488</td>
<td>2,795</td>
</tr>
<tr>
<td>Contingencies</td>
<td>--</td>
<td>28,088</td>
<td>(28,088)</td>
</tr>
<tr>
<td><strong>Total project costs</strong></td>
<td>$1,730,000</td>
<td>$1,685,000</td>
<td>$45,000(4)</td>
</tr>
</tbody>
</table>

### Sources of Funds:

<table>
<thead>
<tr>
<th>Source</th>
<th>Revised Budget 10/3/67</th>
<th>Original Budget 4/25-26/66</th>
<th>Increase/Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund appropriation in Chapter 599, Oregon Laws 1965</td>
<td>$1,146,705</td>
<td>$1,373,512</td>
<td>$(226,807)</td>
</tr>
<tr>
<td>Federal grant under Title I of Higher Education Facilities Act of 1963, as amended</td>
<td>573,065</td>
<td>311,488</td>
<td>261,577(5)</td>
</tr>
<tr>
<td>Redirected auxiliary enterprises net income &amp; student building fees</td>
<td>10,230</td>
<td>--</td>
<td>10,230</td>
</tr>
<tr>
<td><strong>Total sources of funds</strong></td>
<td>$1,730,000</td>
<td>$1,685,000</td>
<td>$45,000(4)</td>
</tr>
</tbody>
</table>

(1) Includes the relocation of a masonry wall and door; modification for built-up roofing and a waterproof membrane; reinstatement of various deductive alternates exercised at time of initial contract award, such as for certain casework, landscaping and other site improvements; revisions in the mechanical room ceiling; relocation of the microfilm booth and other changes incorporated in nine approved change orders.

(2) Includes the realignment of drain tile; adding a poured-in-place concrete manhole in lieu of a precast manhole; and other changes incorporated in five approved change orders.
(3) Includes the reinstatement of a deductive bid alternate for landscaping work and exterior lighting; the installation of some additional fixtures and receptacles; and other changes incorporated in four approved change orders.

(4) An increase of $45,000 in the expenditure limitation for the project was authorized by the Board on December 12, 1966, and thereafter by the State Emergency Board in order to reinstate several of the deductive alternates which had been exercised at the time of initial contract awards.

(5) Following the adoption of amendments to the State Plan which the Oregon Educational Coordinating Council filed with the U. S. Office of Education for the distribution of funds under Section 104 of the Higher Education Facilities Act of 1963, the grants on various projects, such as this one, were increased to approximately 33 1/3 percent of the eligible project development costs -- the maximum federal share. Minor adjustments may be required following final audit by the appropriate federal agencies.

(6) Most of the landscaping work was accomplished by change order additions to the General Work contract, and the amount thereof is included as part of the direct construction costs.

Plans and specifications for the Library Building were prepared by Architects Hamlin, Martin and Oredson of Ashland and Eugene. The building was designed for reinforced concrete construction with aluminum window units. It contains three floor levels, but has the structural capacity to accommodate two additional floors in the future. The gross area of the building is approximately 66,529 square feet. It provides seating accommodations for about 1,052 readers, including 108 spaces within the children's library, and has stack capacity for approximately 155,000 volumes. The direct construction costs of $1,481,830 average approximately $22.27 per square foot.

The Board accepted the report as presented.

President Stevenson, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Kidwell property located within the approved projected campus boundaries at 1546 Webster Street, Ashland. The owner has indicated a desire to sell and has executed an option in the amount of $13,500, which is in line with Board appraisals. The property consists of a lot containing approximately 7,998 square feet improved with a modern two-bedroom house and garage. The property is located in an area designated for development of physical education facilities, and funds are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.
President Stevenson, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Case-Davis property located within the approved projected campus boundaries at 400 Stadium Street, Ashland. The owners have indicated a desire to sell and have executed an option in the amount of $5,300, which is in line with Board appraisals. The property consists of a lot containing approximately 12,900 square feet improved with a one-bedroom house. The property is located in the area designated for physical education facilities, and funds are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.

As noted in the minutes of the July 25-26, 1966, meeting of the Board, current bid procedures may be summarized as follows:

**Bid Procedures.** Normally, in soliciting bids, the Board will seek separate quotations for at least three major categories of work (general, mechanical, and electrical). In cases where substantial amounts of built-in equipment are included, separate bids may be sought for such equipment. Normally, an exception to the above policy will be made and a single bid will be sought when the total cost of construction of a project is estimated to be $500,000 or less or when the project consists principally of alterations to an existing building. Furthermore, when it is estimated that less than $50,000 will be spent for any one of the categories of work, that category will be lumped together with one or more of the other categories.

The Chancellor recommended that a modification of this statement be made to reflect an intent to bid projects of $1,000,000 or less on a lump-sum basis in the future and to anticipate including built-in fixture work, in most instances, as a part of the general work contract:

**Bid Procedures.** Normally, in soliciting bids for construction, the Board will seek separate quotations for the three major categories of work (general, mechanical and electrical). However, in most instances involving direct construction cost estimates of $1,000,000 or less, or when the project consists principally of alterations to an existing building, a single bid will be sought for the work. Furthermore, when it is estimated that less than $100,000 will be spent for any one of the categories of work, that category may be combined with one or more of the other categories.

These policies shall not preclude the possibility of soliciting separate bids for certain portions of work, such as built-in fixtures or special equipment items involving substantial sums if, in the judgment of the appropriate Board officials, such procedures appear necessary or desirable.
It will be noted that the revised statement increases from $50,000 to $100,000 the amount for a particular category of work which would be bid separately, thus retaining the same general relationship of $100,000 to $1,000,000 that the earlier figure of $50,000 had to $500,000.

Discussion at Building Committee meeting of October 5, 1967:
Mr. Hunderup described the present and proposed bid procedures in detail and said it was desirable to have lump sum bids on some projects, particularly those for alterations work and those involving relatively small amounts.

In response to a question from the members of the Committee, the Chancellor mentioned various advantages and disadvantages of having fewer bids on projects. He said that more individual bids are received if there are several categories of work bid separately for a project. Mechanical and electrical contractors have indicated preference for prime contractor status rather than being subcontractors on major projects, and there is an expectation that the multiple bid procedure results in slightly lower construction costs. On the other hand, savings from the increased competition are offset to some extent by the increased amount of clerical work and bookkeeping required in the institutional and Board’s offices when several prime contractors are employed. There are also problems of coordinating the work of the various prime contractors.

The Chancellor said also that the Association of General Contractors has urged the State System to move in the direction of a single bid on all projects. Similarly, architects have indicated their preference for lump-sum bidding. However, since there appears to be an economy for the state, particularly on the large projects, to seek separate bids for general, mechanical and electrical work, the only policy changes proposed relate to the size of the projects for which single bids would be sought and to the expectation that built-in equipment would normally be included with the general work contract bid rather than being bid separately.

The Chancellor called attention to the fact that most contractors who have been awarded built-in equipment contracts in recent years have been from out of the state. It is believed that if the built-in equipment work is bid as part of the general work contract, the general contractors may be able to generate enough interest so that Oregon manufacturers can become competitive in providing the built-in equipment.

(Oregon statutes do not prescribe detailed bid procedures for construction work, but do require that whenever the estimated cost of a project is $10,000 or more, bids must be solicited from private persons, firms, or corporations.)

The Committee recommended that the Board approve the recommendation as presented.

The Board approved the recommendation as presented.
Transfers Among Functions, Operating Budget

At the meeting of September 11-12, 1967, a summary report was presented showing transfers between functions in the 1967-68 operating budgets as required in the 1967 appropriation act. Following is a summary report of such budget transfers which have been requested by the institutions since the date of the report presented at the September Board meeting:

<table>
<thead>
<tr>
<th>University of Oregon</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$2,789,213</td>
<td>$ -</td>
<td>$2,789,213</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>11,026,270 (50,101)</td>
<td>11,776,169</td>
<td></td>
</tr>
<tr>
<td>Extension</td>
<td>194,834</td>
<td>-</td>
<td>194,834</td>
</tr>
<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>1,021,573</td>
<td>52,023</td>
<td>1,073,596</td>
</tr>
<tr>
<td>Reserves</td>
<td>108,022 (122)</td>
<td>107,900</td>
<td></td>
</tr>
<tr>
<td>VEA F Reserves</td>
<td>(148,278)</td>
<td>(148,278)</td>
<td></td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>126,824</td>
<td>17,083</td>
<td>143,907</td>
</tr>
<tr>
<td>Total UO</td>
<td>$15,918,458</td>
<td>$18,883*</td>
<td>$15,937,341</td>
</tr>
</tbody>
</table>

*$200 increase in restricted funds (budgeted gifts) from unbudgeted balances; $1,600 from Board’s Plant Rehabilitation Fund; $17,083 increase from incidental fee transfer.

Oregon State University

| Administration & Services | $2,486,411 | $23,683 | $2,510,094 |
| Instruction & Libraries | 12,914,714 (13,936) | 12,900,778 |
| Extension | 201,340 | 86 | 201,426 |
| Physical Plant Op. & Maint. | 1,854,764 | 4,136 | 1,858,900 |
| Reserves | 194,133 (13,969) | 180,164 |
| VEA F Reserves | (166,591) | (166,591) |
| Non-expendable Reserve | 143,666 | 17,529 | 161,195 |
| Total, OSU | $17,628,437 | $17,529* | $17,645,966 |

*$17,529 increase from incidental fee transfer

Portland State College

| Administration & Services | $1,796,022 | $6,959 | $1,789,063 |
| Instruction & Libraries | 7,231,776 | 10,520 | 7,242,296 |
| Extension | 76,163 | 1,568 | 74,595 |
| Physical Plant OP. & Maint. | 703,109 | 2,261 | 700,848 |
| Reserves | (2,096) (14,152) | (16,248)# |
| VEA F Reserves | (95,273) | 20,170 (75,103) |
| Non-expendable Reserve | 344,624 | 11,253 | 355,877 |
| Total, PSC | $10,054,325 | $17,003* | $10,071,328 |

*$5,750 transfer from DCE: $11,253 increase from incidental fee transfer

#Negative balance of $16,248 in Reserves is temporary pending issuance of budget change for 1967-68 student fee income from Italian Studies Program and Zagreb Institute.
<table>
<thead>
<tr>
<th>Oregon College of Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$554,378</td>
<td>$900</td>
<td>$555,278</td>
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<tr>
<td>Instruction &amp; Libraries</td>
<td>1,864,637</td>
<td>(12,053)</td>
<td>1,852,584</td>
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<td>Extension</td>
<td>7,956</td>
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<td>Physical Plant Op. &amp; Maint.</td>
<td>242,071</td>
<td>-</td>
<td>242,071</td>
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<tr>
<td>Reserves</td>
<td>18,410</td>
<td>3,095</td>
<td>21,505</td>
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<tr>
<td>VEAF Reserves</td>
<td>(28,249)</td>
<td>18,058</td>
<td>(10,191)</td>
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<tr>
<td>Non-expendable Reserve</td>
<td>22,175</td>
<td>3,396</td>
<td>25,571</td>
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<tr>
<td>Total, OCE</td>
<td>$2,681,378</td>
<td>$13,396*</td>
<td>$2,694,774</td>
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</table>

*$10,000 increase in estimated income from self-sustaining workshop; $3,396 increase from incidental fee transfer

<table>
<thead>
<tr>
<th>Southern Oregon College</th>
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<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$684,906</td>
<td>$2,558</td>
<td>$687,464</td>
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<tr>
<td>Instruction &amp; Libraries</td>
<td>2,530,778</td>
<td>3,832</td>
<td>2,534,610</td>
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<tr>
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<td>13,849</td>
<td>-</td>
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<tr>
<td>Physical Plant Op. &amp; Maint.</td>
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<td>-</td>
<td>324,864</td>
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<tr>
<td>Reserves</td>
<td>53,020</td>
<td>(6,390)</td>
<td>46,630</td>
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<tr>
<td>VEAF Reserves</td>
<td>(33,026)</td>
<td>-</td>
<td>(33,026)</td>
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<tr>
<td>Non-expendable Reserves</td>
<td>274,669</td>
<td>5,209</td>
<td>279,878</td>
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<tr>
<td>Total, SOC</td>
<td>$3,849,060</td>
<td>$5,209*</td>
<td>$3,854,269</td>
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*$5,209 increase from incidental fee transfer

<table>
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<tr>
<th>Eastern Oregon College</th>
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</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
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<td>$2,400</td>
<td>$332,517</td>
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<tr>
<td>Instruction &amp; Libraries</td>
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<td>1,121,827</td>
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<tr>
<td>Extension</td>
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<td>-</td>
<td>3,927</td>
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<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>207,972</td>
<td>-</td>
<td>207,972</td>
</tr>
<tr>
<td>Reserves</td>
<td>19,549</td>
<td>-</td>
<td>19,549</td>
</tr>
<tr>
<td>VEAF Reserves</td>
<td>(17,215)</td>
<td>9,008</td>
<td>(8,207)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>13,927</td>
<td>2,104</td>
<td>16,031</td>
</tr>
<tr>
<td>Total, EOC</td>
<td>$1,691,512</td>
<td>$2,104*</td>
<td>$1,693,616</td>
</tr>
</tbody>
</table>

*$2,104 increase from incidental fee transfer

<table>
<thead>
<tr>
<th>Oregon Technical Institute</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$512,804</td>
<td>1,000</td>
<td>$513,804</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>1,242,713</td>
<td>-</td>
<td>1,242,713</td>
</tr>
<tr>
<td>Extension</td>
<td>8,137</td>
<td>-</td>
<td>8,137</td>
</tr>
<tr>
<td>Reserves</td>
<td>4,178</td>
<td>(1,000)</td>
<td>3,178</td>
</tr>
<tr>
<td>VEAF Reserves</td>
<td>(19,047)</td>
<td>-</td>
<td>(19,047)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>16,342</td>
<td>1,416</td>
<td>17,758</td>
</tr>
<tr>
<td>Total, OTI</td>
<td>$2,067,522</td>
<td>$1,416*</td>
<td>$2,068,938</td>
</tr>
</tbody>
</table>

*$1,416 increase from incidental fee transfer.
### Division of Cont. Education

<table>
<thead>
<tr>
<th>Division of Cont. Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$662,643</td>
<td>$ -</td>
<td>$662,643</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>145,140</td>
<td>-</td>
<td>145,140</td>
</tr>
<tr>
<td>Extension</td>
<td>3,206,182</td>
<td>(10,895)</td>
<td>3,195,287</td>
</tr>
<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>104,126</td>
<td>-</td>
<td>104,126</td>
</tr>
<tr>
<td>Reserves</td>
<td>10,000</td>
<td>-</td>
<td>10,000</td>
</tr>
<tr>
<td>VEEAF Reserves</td>
<td>(39,772)</td>
<td>5,145</td>
<td>(34,627)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>19,611</td>
<td>-</td>
<td>19,611</td>
</tr>
<tr>
<td><strong>Total, DCE</strong></td>
<td><strong>$4,107,930</strong></td>
<td><strong>($5,750)</strong></td>
<td><strong>$4,102,180</strong></td>
</tr>
</tbody>
</table>

*$5,750 transferred to PSC

### Teaching Research Division

<table>
<thead>
<tr>
<th>Division of Cont. Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$6,233</td>
<td>$ -</td>
<td>$6,233</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>103,576</td>
<td>-</td>
<td>103,576</td>
</tr>
<tr>
<td>VEEAF Reserves</td>
<td>(1,040)</td>
<td>-</td>
<td>(1,040)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>972</td>
<td>-</td>
<td>972</td>
</tr>
<tr>
<td><strong>Total, TRD</strong></td>
<td><strong>$109,741</strong></td>
<td><strong>-</strong></td>
<td><strong>$109,741</strong></td>
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</tbody>
</table>

### Centralized Activities

<table>
<thead>
<tr>
<th>Division of Cont. Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$1,310,818</td>
<td>$ -</td>
<td>$1,310,818</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>57,643</td>
<td>-</td>
<td>57,643</td>
</tr>
<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>100</td>
<td>-</td>
<td>100</td>
</tr>
<tr>
<td>Reserves</td>
<td>14,814</td>
<td>-</td>
<td>14,814</td>
</tr>
<tr>
<td>VEEAF Reserves</td>
<td>(14,482)</td>
<td>-</td>
<td>(14,482)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>38,764</td>
<td>-</td>
<td>38,764</td>
</tr>
<tr>
<td><strong>Total, Cent. Activities</strong></td>
<td><strong>$1,407,657</strong></td>
<td><strong>-</strong></td>
<td><strong>$1,407,657</strong></td>
</tr>
</tbody>
</table>

### Board's Special Reserve

<table>
<thead>
<tr>
<th>Division of Cont. Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction &amp; Libraries</td>
<td>$17,690</td>
<td>$ -</td>
<td>$17,690</td>
</tr>
<tr>
<td>Extension &amp; WICHE</td>
<td>68,400</td>
<td>-</td>
<td>68,400</td>
</tr>
<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>249,412</td>
<td>(1,600)</td>
<td>247,812</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>182,562</td>
<td>-</td>
<td>182,562</td>
</tr>
<tr>
<td><strong>Total, Board's Reserve</strong></td>
<td><strong>$518,064</strong></td>
<td><strong>($1,600)</strong></td>
<td><strong>$516,464</strong></td>
</tr>
</tbody>
</table>

*$1,600 transferred to U of O.

### Summary of Preceding Transfers

<table>
<thead>
<tr>
<th>Division of Cont. Education</th>
<th>Budget as Previously Reported</th>
<th>Adjustments, Increases or Decreases</th>
<th>Budget as Last Adjusted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Services</td>
<td>$11,133,545</td>
<td>$23,582</td>
<td>$11,157,127</td>
</tr>
<tr>
<td>Instruction &amp; Libraries</td>
<td>39,068,172</td>
<td>(73,146)</td>
<td>38,995,026</td>
</tr>
<tr>
<td>Extension</td>
<td>3,780,786</td>
<td>(12,377)</td>
<td>3,768,411</td>
</tr>
<tr>
<td>Physical Plant Op. &amp; Maint.</td>
<td>5,010,386</td>
<td>52,298</td>
<td>5,062,684</td>
</tr>
<tr>
<td>Reserves</td>
<td>420,030</td>
<td>(32,538)</td>
<td>387,492</td>
</tr>
<tr>
<td>VEEAF Reserves</td>
<td>(562,973)</td>
<td>52,381</td>
<td>(510,592)</td>
</tr>
<tr>
<td>Non-expendable Reserve</td>
<td>1,184,136</td>
<td>57,990</td>
<td>1,242,126</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$60,034,084</strong></td>
<td><strong>$68,190</strong></td>
<td><strong>$60,102,274</strong></td>
</tr>
</tbody>
</table>
Net budget increase caused by (1) $200 increase in restricted funds budget; (2) $10,000 increase in estimated income from self-sustaining workshops; (3) $57,990 increase from incidental fee transfer.

Note: See following pages for detailed report of budget transfers, included above, which amount to $1,000 or more.
DETAILS OF BUDGET TRANSFERS OF $1,000 OR MORE BETWEEN FUNCTIONS
REQUESTED BY INSTITUTIONS
SINCE THE SEPTEMBER 11, 1967 BOARD MEETING

University of Oregon

From: Instruction and Libraries $50,423
To: Physical Plant, Capital Outlay $50,423

Equipment acquisition funds originally budgeted as unallocated
instructional equipment applied toward equipping the Pine
Mountain Observatory.

Note: The unallocated equipment funds were intended for the above
use in the original budget. It was necessary to transfer the
amount to Physical Plant, Capital Outlay, because the equip-
ment was built into the Pine Mountain Observatory building.

Oregon State University

From: Instruction and Libraries $13,936
To: Administration and Services $ 9,800
   Physical Plant 4,136

Allocation of equipment funds for equipment purchases

Note: In its original 1967-68 budget, OSU placed $223,371 in an
unallocated amount for equipment acquisition which was in-
cluded in the Instruction function. Of the original amount,
$41,160 was transferred to the unexpendable reserve as part
of the required budget savings and $168,275 was transferred
to Instruction and Libraries.

From: Operating Reserves $13,000
To: Administration and Services $13,000

Establishment of state purchasing assessment account to meet
estimated cost of charges for purchasing services from the State
Department of General Services. (The 1967 Legislature placed that
division largely on a self-sustaining basis through service charges
to state agencies.)

Portland State College

From: Operating Reserves $ 4,092
To: Administration and Services $ 1,000
   Instruction and Libraries 3,092

Provides matching funds for audio-visual equipment ($3,092) and
for increased services and supplies ($1,000).
Portland State College (continued)

From: Extension (DCZ) $5,750
To: Instruction and Libraries $5,750

Transfer to finance an academic position budgeted jointly to DCE and PSC, (Assoc. Professor of Education - financing of PSC portion had been omitted from the PSC budget).

From: Administration and Services $9,474
Instruction and Libraries 6,867
Extension 1,568
Physical Plant 2,261
To: VEAF Reserves $20,170

Wage savings anticipated to be realized during fiscal year, as required in budget approved by the 1967 Legislature.

From: Operating Reserves $10,000
To: Administration and Services $1,500
Instruction and Libraries 8,500

Provides for physics equipment and materials and expenses.

Oregon College of Education

From: Instruction and Libraries $3,995
To: Operating Reserves $3,995

Saving resulting from redistribution of time and salary for academic staff in several instructional departments.

From: Instruction and Libraries $18,058
To: VEAF Reserves $18,058

Salary savings resulting from staff turnover, appointments of salary rates lower than budgeted and reductions in FTE of staff, applied to staff turnover savings required in budget approved by the 1967 Legislature.

Southern Oregon College

From: Operating Reserves $10,050
To: Instruction and Libraries $10,050

To provide funds for Director of Associate Nursing Program.
Southern Oregon College (Continued)

From: Instruction and Libraries $6,552
To: Operating Reserves $6,552

Resignation of catalog librarian

From: Operating Reserves $1,288
To: Instruction and Libraries $1,288

To provide for part-time Assistant Professor of Art

From: Operating Reserves $1,072
To: Instruction and Libraries $1,072

To provide for two part-time instructors in Science.

From: Operating Reserves $2,000
To: Administration and Services $2,000

Establishment of state purchasing assessment account to cover costs of charges from State General Services Department for purchasing services. (General Services Department was required by the 1967 Legislature to become more nearly self-sustaining from services charges to state agencies.)

Eastern Oregon College

From: Instruction and Libraries $11,408
To: VEAP Reserves $11,408

Academic salary savings to VEAP Reserves to apply to staff turnover savings required in budget approved by the 1967 Legislature.

From: VEAP Reserves $2,400
To: Administration and Services $2,400

To provide for special assistant to president for four months through January 15, 1968.

Oregon Technical Institute

From: Operating Reserves $1,000
To: Administration and Services $1,000

Establishment of state purchasing assessment account
Division of Continuing Education

From: Instruction and Libraries $5,145
To: VEA Reserves $5,145

Academic salary savings to VEA Reserves to apply to staff turnover savings required in budget approved by 1967 Legislature.

The Board approved the transfers between functions as shown in the report.
Members of the Board have been provided with the annual investment of June 30, 1967. The total investments at the end of the past fiscal year of benefit to the Department of Higher Education amounted to $28,462,075.59. Of the total, the amount of Pooled Endowment Fund assets was $5,154,760.82, and the interest earned on the Pool during the past year was 4.69 percent. The increase in the Pooled Endowment Fund assets during last fiscal year was about $350,000.

The Vice Chancellor for Business Affairs recommended, with the concurrence of the Chancellor, that for the Pool:

1. A reserve be accumulated and maintained for investment losses and income stabilization in an amount no less than 5 percent of the total book value of investments, exclusive of U. S. Government bonds and interfund loans; provided, though, that the amount to be added to the reserve in any year is not to exceed 5 percent of anticipated earnings of the pool for such year.

2. For the year 1967-68, participating accounts of the Pool be credited with interest at the rate of 4.5 percent per year.

Mr. Bork pointed out that under present law the Board is not permitted to purchase stocks but may hold or sell any received as gifts. Legislation has been sought but not enacted to modify this limitation, and similar authorization will again be requested from the Board and the Legislature, prior to the next legislative session.

Mr, Payne indicated that the Finance Committee and the Board should meet with outside financial advisers to consider investment policies so that the Board would be able to obtain the maximum amount of earnings and at the same time handle investments in a prudent and conservative manner.

President Flemming questioned the need to reserve 5 percent of the earnings from the Pool each year. It was explained that this provided a cushion if earnings were low due to market conditions in a given year. It was also pointed out that the earnings from the 5 percent reserve would be included with the earnings for a succeeding year.

The Board approved the recommendations as presented.

Proposed Changes in Committee Organization & Procedures

Article I, Section 1 of the Board's Bylaws, as amended, and Section B-2 of the Administrative Code, presently read as follows:

In addition to the regular meetings required by ORS 351.050, which are scheduled in January, April, July and October of each year, the Board will hold additional regular meetings in March, June, September and December of each year. In each of the eight months for which regular meetings are scheduled,
the meetings shall be scheduled for the fourth Tuesday and
the preceding Monday of January, April, July and October, and
the second Tuesday and the preceding Monday in March, June,
September and December, except that when one of these dates
falls on a holiday, the meeting shall be held on the two days
following.

The July meeting shall be the occasion for the annual election
of officers, but the election of officers may be held at other
meetings when so required because of resignations, expirations
of appointments, or vacancies otherwise created.

In the report of the President of the Board at the meeting of
September 11-12, 1967, President Forrester stated that in an
informal discussion of Board organization and procedures the
Board members had reached the conclusion that the Board committee
system should be strengthened to give the committees greater
responsibility in developing information for the entire Board.

In connection with this plan, it was also proposed that the Board
committees meet before the regular Board meetings and that the Board
change from two-day meetings to one-day meetings to consider matters
previously studied by the Board committees. President Forrester
recommended that Article I, Section 1 of the Bylaws of the State
Board of Higher Education and Section B-2 of the Administrative
Code be changed to read as follows:

In addition to the regular meetings required by ORS 351.050,
which are scheduled in January, April, July and October of
each year, the Board will hold additional regular meetings in
March, June, September and December of each year. The January,
April, July and October meetings shall be scheduled for the fourth
Tuesday and, if necessary, the preceding Monday, and the March,
June, September and December meetings shall be on the second
Tuesday and, if necessary, the preceding Monday, except that
when one of these dates fall on a holiday, the meeting shall be
held on the two days following if the meeting is to be a two-day
meeting, or on the day following if the meeting is to be a one-day
meeting.

The July meeting shall be the occasion for the annual election
of officers, but the election of officers may be held at other
meetings when so required because of resignations, expirations
of appointments, or vacancies otherwise created.

Mr. Layman and Mr. Joss suggested amendments to the proposed revision
of the Administrative Code and the Bylaws. Mr. Joss moved that
Article I, Section 1 of the Bylaws of the State Board of Higher
Education and Section B-2 of the Administrative Code be changed as recommended by Mr. Forrester and amended by Mr. Layman and Mr. Joss. The sections would read as follows:

In addition to the regular meetings required by ORS 351.050, which are scheduled in January, April, July, and October of each year, the Board will hold additional regular meetings in March, June, September, and December of each year. The January, April, July, and October meetings shall be scheduled for the fourth Tuesday and, on written call of the President, the preceding Monday, and the March, June, September, and December meetings shall be on the second Tuesday, and, on the written call of the President, the preceding Monday, except that when one of these dates falls on a holiday, the meeting shall be held on the second and third days following the holiday if the meeting is to be a two-day meeting, or on the second day following the holiday if the meeting is to be a one-day meeting.

The July meeting shall be the occasion for the annual election of officers, but an election of officers may be held at other meetings when so required because of resignations, expirations of appointments, or vacancies otherwise created.

On roll call vote the Board approved unanimously Mr. Joss' motion to amend the proposed changes to the Administrative Code and the Bylaws.

On roll call vote the Board approved Article I, Section 1 of the Bylaws of the State Board of Higher Education and Section B-2 of the Administrative Code, including the changes recommended by President Forrester, as amended, with the following voting in favor of approval: Directors Johnson, Joss, Layman, Payne, Yasui, and Forrester.

Those voting no: None.

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

Membership of Executive Committee

At the Board's meeting of July 24-25, 1967, at the time of election of Board officers, action was taken by the Board to amend Article A-5 of the Administrative Code to increase the Executive Committee of the Board from three to four members. President Forrester recommended that Article II, Section 2 of the Board's Bylaws be correspondingly changed to read as follows:

A. The executive committee of the Board shall consist of the president and vice-president of the board, ex officio, and of one two other members elected for each fiscal year at the first regular meeting (July) of that year.
B. The executive committee shall have the following functions:

(1) It shall take final action for the board in such matters only as may be specifically referred to it by the board with power to act.

(2) Between meetings of the board, the executive committee shall act for the board in minor or emergency matters subject to approval of the board at its first subsequent meeting.

On motion by Director Joss, the Board adopted the recommended changes to Article II, Section 2 of the Board's Bylaws, with the following voting in favor of adoption: Directors Johnson, Joss, Layman, Payne, Yasui, and Forrester.

Those voting no: None.

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

Article II, Section 5 of the Board's Bylaws and Section A-6 of the Administrative Code presently read as follows:

In addition to the executive committee, the standing committees of the board shall consist of the committee on finance; committee on buildings, grounds, and capital outlay; committee on curricula; committee on public relations; committee on insurance; and committee on agricultural extension service and experiment stations. Standing committees shall be appointed at the beginning of each fiscal year.

In connection with the proposed reorganization of Board committees and procedures, President Forrester recommended that Article II, Section 5 of the Board's Bylaws and Section A-6 of the Administrative Code be changed to read as follows:

In addition to the executive committee, the standing committees of the Board shall consist of the committee on finance and business affairs; the committee on buildings and other physical facilities; and the committee on academic affairs, personnel and public affairs.

On motion by Director Joss, the Board adopted the recommended changes to Article II, Section 2 of the Board's Bylaws, with the following voting in favor of adoption: Directors Johnson, Joss, Layman, Payne, Yasui, and Forrester.

Those voting no: None.

The President of the Board thereupon declared the motion duly adopted by a unanimous vote.
Order of Business at Board Meetings

Article I, Section 7 of the Board's Bylaws and Section B-10 of the Administrative Code presently read as follows:

The order of business at all meetings of the board shall be:

1. Roll call.
2. Reading of minutes of previous meeting.
3. Reports of committees.
5. Communications, petitions, memorials.
7. Unfinished and miscellaneous business.
8. Election of officers.
10. Adjournment.

In recent discussions by Board members of Board committee organization and procedures it was proposed that in future meetings the Board handle all of the business concerning an institution before going on to the next institution's business. Previously, the Board has considered in groups all of the items related to academic affairs, finance and buildings and capital outlay. It was suggested that the new procedure would be helpful to the persons representing the institutions. President Forrester recommended that Article I, Section 7 of the Board's Bylaws and Section B-10 of the Administrative Code be changed to read as follows:

The order of business at all meetings shall be:

1. Roll call.
2. Reading of minutes of previous meeting.
3. Matters presented to the board by committees and other matters presented to the board.
5. Communications, petitions and memorials.
7. Unfinished and miscellaneous business.
8. Election of officers (July meeting, or as required to fill vacancies).

Mr. Layman suggested changes to item 3 in the order of business so that the suggested order of business would be as follows:

1. Roll call.
2. Reading of minutes of previous meeting.
3. Reports of Committees.
4. Other scheduled matters.
5. Report of the president of the board.
6. Communications, petitions and memorials.
8. Unfinished and miscellaneous business.
9. Election of officers (July meeting, or as required to fill vacancies).
10. Adjournment.
On motion by Mr. Joss the Board adopted the order of business as recommended by Mr. Forrester and modified by Mr. Layman, with the following voting in favor of adoption: Directors Johnson, Joss, Layman, Payne, Yasui, and Forrester.

Those voting no: None.

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

Mr. Collins presented the following report on the Condition of the Board's Unappropriated Fund and Special Reserves:

CONDITION OF BOARD'S UNAPPROPRIATED FUND AND SPECIAL RESERVES
ESTIMATED AS OF OCTOBER 23, 1967
For the Fiscal Year Ending June 30, 1968

I. Board's Unappropriated Fund

UNAPPROPRIATED FUND BALANCE reported as of September 11, 1967 $ 5,190.00

Add: Balances brought forward from year 1966-67: unexpended budget balances (equal to 1/4 of 1 percent of budget) 134,645.71

Overrealized income from student fees and other sources (8/10 of 1 percent of estimated income) 114,600.00

Less: Portion of balances applied to reduce expenditures from state appropriations during biennium 1967-1969 200,000.00

Balances brought forward from year 1966-67 available for use during year 1967-68 $ 49,245.71

TOTAL BALANCES, estimated as of October 23, 1967 $ 54,435.71

II. Board's Reserve for Plant Rehabilitation

RESERVE FOR PLANT REHABILITATION BALANCE, reported as of September 11, 1967 $ 53,938.00

Add: Unexpended balances from completed projects approved during prior years 12,677.79*

Less: Amount for finishing room 18A in Johnson Hall, U of O, for State Scholarship Commission, approved by Chancellor 1,600.00

BALANCE, Estimated as of October 23, 1967 $ 65,015.79

*See details of rehabilitation balances on following page.
II. Board's Reserve for Plant Rehabilitation (Continued)

*Unexpended balances come from the following projects:

<table>
<thead>
<tr>
<th></th>
<th>Initial Allocation</th>
<th>Unexpended Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Date Approved</td>
<td>Amount</td>
</tr>
<tr>
<td>OCE Replacement of Heating Plant Burners</td>
<td>June 1965</td>
<td>$12,500</td>
</tr>
<tr>
<td>SOC Improvement of Ventilation in Science 116</td>
<td>July 1963</td>
<td>3,000</td>
</tr>
<tr>
<td>SOC Library Basement Remodeling</td>
<td>June 1964</td>
<td>10,000</td>
</tr>
<tr>
<td>UODS Exterior Screens for Clinic Windows</td>
<td>Dec. 1966</td>
<td>5,000</td>
</tr>
<tr>
<td>UOMS Clinical Laboratory Classroom Alterations</td>
<td>April 1965</td>
<td>8,500</td>
</tr>
<tr>
<td>PSC Fire alarm system in Old Main</td>
<td>June 1964</td>
<td>5,400</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$12,677.79</strong></td>
</tr>
</tbody>
</table>

Project deferred indefinitely

The Chancellor recommended that the Board approve the report as presented in order to establish the special reserve of $200,000 included in the report to apply to the required reduction in state expenditures.

The Board approved the report as presented.

The final headcount student enrollments on the nine campuses of the State System for the fall term of 1967-68 will aggregate approximately 47,210. This compares with an enrollment estimate in the 1967-1968 annual operating budget of 47,375, or 165 less than had been estimated in the operating budget.

The student enrollments in the fall of 1967 are summarized as follows:

- Total budget enrollment estimate, fall 1967: 47,375
- Present estimated final total, fall 1967: 47,210
- Number of actual enrollments under budget estimate: 165

Because of the smaller number of students than estimated in the revised operating budget for year 1967-68, it is necessary to reduce the estimate of aggregate student fee income for the State System during year 1967-68 in the net amount of $34,158. As indicated in the summary on the following page, the enrollments at some of the institutions are below the budget estimates and higher than the budget estimates at other institutions.

In view of the above circumstances, the Chancellor recommended budget decreases at those institutions which did not reach the budget enrollment estimates and budget increases in those institutions which exceeded the enrollments estimated in the operating budget. The net result of the recommended budget adjustments will be to reduce the aggregate operating budget for the nine campus institutions by $34,158, which is the amount of the necessary downward adjustment in student fee income estimates. The enrollment results and the recommended budget adjustments at each campus institution are summarized as follows:
Proposed 1967-68 Operating Budget Adjustments Which Are Required Because of Fall 1967-68 Student Enrollments Greater or Less Than Estimated in 1967-68 Annual Budget

<table>
<thead>
<tr>
<th>Headcount Enrollments, Fall 1967</th>
<th></th>
<th>Non-</th>
<th>Resi-</th>
<th>Resi-</th>
<th>Grad-</th>
<th>Totals</th>
<th>3-Term</th>
<th>Budget Addition or (Reduction) per FTE Student</th>
<th>Amount of Proposed Budget Addition or (Reduction)</th>
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<tr>
<td>Estimated Final Total as</td>
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<tr>
<td>Estimated in Budget of This Date</td>
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<tr>
<td>UO</td>
<td>13,676</td>
<td>13,980</td>
<td>155</td>
<td>(55)</td>
<td>204</td>
<td>304</td>
<td>266</td>
<td>$ 263.06</td>
<td>$ 69,974</td>
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<tr>
<td>OSU</td>
<td>13,522</td>
<td>13,332</td>
<td>(130)</td>
<td>22</td>
<td>(82)</td>
<td>(190)</td>
<td>(179)</td>
<td>263.06</td>
<td>(47,088)</td>
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<tr>
<td>PSC</td>
<td>9,691</td>
<td>9,479</td>
<td>(210)</td>
<td>(18)</td>
<td>16</td>
<td>(212)</td>
<td>(170)</td>
<td>263.06</td>
<td>(44,720)</td>
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<td>OCE</td>
<td>2,672</td>
<td>2,805</td>
<td>119</td>
<td>2</td>
<td>12</td>
<td>133</td>
<td>124</td>
<td>263.06</td>
<td>32,619</td>
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<tr>
<td>SOC</td>
<td>3,942</td>
<td>3,744</td>
<td>(127)</td>
<td>19</td>
<td>(90)</td>
<td>(198)</td>
<td>(172)</td>
<td>263.06</td>
<td>(45,246)</td>
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<td>EOC</td>
<td>1,556</td>
<td>1,514</td>
<td>(39)</td>
<td>10</td>
<td>(13)</td>
<td>(42)</td>
<td>(40)</td>
<td>263.06</td>
<td>(10,522)</td>
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<td>OTI</td>
<td>1,091</td>
<td>1,128</td>
<td>24</td>
<td>13</td>
<td>-</td>
<td>37</td>
<td>34</td>
<td>263.06</td>
<td>8,944</td>
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<tr>
<td>Subtotal</td>
<td>46,150</td>
<td>45,982</td>
<td>(200)</td>
<td>(7)</td>
<td>47</td>
<td>(168)</td>
<td>(137)</td>
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<td>(36,039)</td>
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<tr>
<td>UOMS</td>
<td>835</td>
<td>832</td>
<td>29</td>
<td>(34)</td>
<td>2</td>
<td>(3)</td>
<td>(3)</td>
<td>627.00</td>
<td>(1,881)</td>
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<tr>
<td>UODS</td>
<td>390</td>
<td>396</td>
<td>8</td>
<td>(2)</td>
<td>-</td>
<td>6</td>
<td>6</td>
<td>627.00</td>
<td>3,762</td>
</tr>
<tr>
<td>Totals</td>
<td>47,375</td>
<td>47,210</td>
<td>(171)</td>
<td>(43)</td>
<td>49</td>
<td>(165)</td>
<td>(134)</td>
<td></td>
<td>(34,158)</td>
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</table>

Note: In calculating the budget adjustments at the individual institutions the estimated fee income changes have been averaged separately for the Medical and Dental Schools and for the other institutions. The larger amount of the budget adjustment per student at the Medical and Dental Schools than at the other institutions reflects the greater student fee rates at the Medical and Dental Schools.

The Board approved the recommendation as presented, subject to minor adjustments when more complete full-time equivalent enrollment figures are available.
Mr. Forrester said that earlier in the meeting, and at the September meeting, the Board had adopted several changes in Board procedures which were intended to strengthen the committee system of the Board. The membership of each of the Board's three regular committees has been increased from three to five members, and it is planned that committee meetings will be held approximately midway between Board meetings. Mr. Forrester said that the Board realized this procedure might create difficulties for an institution in having matters ready for Board consideration so far in advance of the Board meeting and emphasized that the Board would handle matters of urgency at the latest possible hour before a regular session without the item having been presented to a committee. However, he said that the Board felt it could improve its efficiency if it had time, through the committee procedure, to examine matters in greater detail and depth than has been possible under the present procedures. He expressed the hope that business to be presented at the regular Board meetings could be transacted in one day by placing greater reliance on the committee studies. He said the Board meetings would normally be held on Tuesdays, which would permit the institutional executives, and also the Board members, to hold conferences on Monday evenings prior to the Tuesday sessions.

Mr. Forrester concluded by saying that this procedure would be followed at the December meeting and that the meeting would be held at Portland State College on Tuesday, December 12, 1967.

During the discussion it was indicated that the Board committees would meet consecutively rather than concurrently, and it was also understood that committee members would generally attempt to meet on the dates indicated in the schedule which was distributed. However, the exact date of committee meetings might depend somewhat on the chairman and the committee members concerned and also upon the volume of business to be transacted by each of the committees.

Mr. Russell K. Sadler, Chairman of the Interinstitutional Student Committee on Higher Education, mentioned that the regular December meeting fell during examination week at the institutions and it would be difficult for students to attend. He asked whether the meeting could be moved one week earlier or one week later. The Chancellor responded that such a change would require thoughtful attention because the Board could find itself restricted by circumstances in which a variety of groups that had a legitimate and powerful interest in the activities of the Board might find similar complications in being present at its meetings. He suggested that no action be taken to change the December 1967 meeting but that an attempt be made to develop proposals for future years which would deal with this problem but also consider other possible interests in addition to those of the student group.

The Chancellor pointed out also that with the strengthening of the committee procedures, it was probable that some of the issues on which the students would want to be heard would occur at committee meetings which are scheduled about midway between regular Board meetings.
Meeting #361-53

COMMUNICATIONS, Petitions and Memorials

Secretary R. L. Collins indicated that a letter had been received from Mr. Jesse V. Fasold, Secretary of the State Board of Education, which would be discussed under the Chancellor's report.

CHANCELLOR'S REPORT

The Chancellor stated that the letter from Mr. Fasold transmitted the following resolution which had been adopted by the State Board of Education at its regular meeting in Portland on October 10, 1967:

Resolution from State Board of Education

Mr. Chandler moved that the Chairman of the State Board of Education communicate with the President of the State Board of Higher Education and inform the President it is the wish of this Board to offer its fullest cooperation to the State Board of Higher Education in any matters affecting both Boards, and that the Chairman is authorized by this Board to appoint an equal number of members to any committee or study group named by the President of the State Board of Higher Education to study any common interest involving education in Oregon. The Chairman should further inform the President that this Board is ready to meet with the State Board of Higher Education at times other than the September meeting, when the Chairman and President agree such additional meeting or meetings are necessary or desirable. The Chairman should also inform the President that this Board wishes to assure the State Board of Higher Education that the staff of the Department of Education is ready to join staff members of the System of Higher Education in any joint studies or to serve on any joint committees the Chairman and President may create. The motion was seconded by Mr. Fisher and carried.

The Chancellor suggested that the State Board of Higher Education, through its President, respond to the Board of Education expressing its cooperation in such endeavors and suggesting that the Superintendent of Public Instruction and the Chancellor, and possibly the officers of the two boards, meet to explore the most effective areas of coordination and to make plans for any action that would follow.

The Board concurred with the Chancellor's suggestion and President Forrester indicated that he would respond to the communication.

Enrollment Report

The Chancellor presented the "Report of Enrollments for Fall Term 1967 as of October 7, 1967, Compared with the Corresponding Day in 1966." Copies of the report were distributed. He called attention to the fact that for the tenth consecutive year the increase in the enrollment of women students has been at a higher percentage than that of men students.

The Chancellor said also that from the statistics it appeared the freshmen enrollment had dropped 1.2 percent from the preceding year, but that there was actually a 3.2 percent increase in the number of graduates of Oregon high schools enrolled for the first time in the State System institutions this fall. This represented a statistical phenomenon resulting from the classification of students as freshmen,
sophomores, juniors, and seniors, based on the number of term credit hours which the student has accumulated. This year the total number of students classified as freshmen was lower than in the preceding year.

The Chancellor said the largest percentage increase in enrollment, except for special students, was in graduate enrollment, which constitutes the most expensive part of the instructional program. Enrollment of students from Oregon community colleges has increased 83.5 percent over the preceding year.

The Chancellor then commented on the trend in nonresident enrollments. He said that in the fall of 1962 nonresident students constituted 16.3 percent of the State System enrollment. Effective in the fall term of 1963, the admission requirements and the tuition fees for nonresident students were increased which caused a decline in the percentage of nonresident students. During the past three years the percentage of nonresident students in the State System has been approximately 10.5 percent or slightly below that figure.

The Chancellor concluded by saying that in 1961 the State System received just slightly less than 30 percent of the Oregon high school graduates and that this percentage increased to 32 percent in 1963. Since that time, the percentage has decreased, and it appears that enrollments of high school graduates in the community colleges are having the effect of reducing the percentage of Oregon high school graduates who will be entering the State System schools. The percentage has now leveled off at about 28 percent of the Oregon high school graduates entering State System institutions.

Dormitory Occupancy

The Chancellor summarized the report on dormitory occupancy which was distributed. He said that for the System as a whole the number of dormitory occupants was 98.3 percent of the rated capacities of the dormitories and that the percentage varies from about 94 percent at Eastern Oregon College to 112-113 percent at the Medical-Dental School dormitory, which is overfilled. He asked Mr. Hunderup to present additional details.

Mr. Hunderup indicated that 25.2 percent of the State System students lived in housing provided by the institutions, while 8.7 percent lived in sororities and fraternities, 1.7 percent in privately financed dormitories, 1.0 percent in cooperatives, and 63.4 percent lived at home or in commercially rented residences, including apartments.

Adjustments in Operating Budget To Meet Department of Finance Requirements

The Chancellor stated that at the Ashland meeting in July the Board had approved adjustments in the operating budget for year 1967-68 to comply with the notice from the Department of Finance that during the first year of the biennium no more than 47 percent of the appropriated resources could be expended. It was hoped that improvement in the state's fiscal condition would permit restoration of these postponements later during the biennium, but in late September notification was received from the Department of Finance that it expected the
Governor's budget to recommend that the operating budgets of the agencies supported by the General Fund actually be cut by a series of percentages depending upon the kinds of services which the agency provided. Those agencies providing patient care would be cut 2 percent; those providing direct services to people, such as the instructional programs of the State System, by 3 percent; and those providing only indirect services, such as agricultural research, by 4 percent. The Chancellor was asked to indicate how such cuts would be made and he responded that he could only indicate tentative ways of making the cuts, subject to action by the Board.

The Chancellor said that the instructional budget would need to be cut back by approximately $2,750,000 at the 3 percent level and that these cuts could be taken essentially by extending into the second year of the biennium the postponements which were approved by the Board for the first year of the biennium, plus the $200,000 balance in other funds brought forward from the 1966-67 annual budget. To absorb the remainder of the reduction it would be necessary to reduce to a smaller number for the second year of the biennium the 134 teaching positions authorized in the budget approved by the 1967 Legislature to care for expected increases in student enrollments during fiscal year 1968-69.

Following the transmission of this report to the State Department of Finance, it was determined that the State Welfare Department was in a very critical financial condition and it was impossible to effect the reductions of state appropriations for that agency. Consequently, other agencies would be required to take additional budget reductions to the extent of 1/2 of 1 percent. This would increase the reductions to $3,551,393 for the Instruction and General function for higher education for the biennium, and the biennial total of the reductions for all divisions in the State System would be $4,372,899.

If the amount of the reductions remaining after extending the current postponements and using the $200,000 brought forward from the preceding year were taken from the amount provided for the 134 additional teaching staff members in 1968-69, it would be possible to add only 30 additional staff members to serve an expected increase in enrollment of 2,400.

The Chancellor indicated that a cut in staff level of this amount was extremely serious and that efforts were being made to find other places where cuts might be made in order to restore some of these positions. Some of the areas that are being considered include a further limitation on the building maintenance and operation budget, which was minimal at the beginning of the biennium; the elimination of programs which would produce the least negative impact on the instruction of students; the possibility of enrollment limitations; changes in admission requirements in order to serve a smaller number of students; possible general tuition increases or increases on a selective basis, such as for nonresident students; and the possibility of an increase in board and room charges by withdrawing the state support for counseling purposes.
Mr. Forrester then commented that Board members have been deeply concerned about the fiscal situation and had asked him to prepare a statement which reflected generally the thinking of the Board on the problem.

The statement was read, and after discussion and minor modifications the following statement was adopted by the Board:

Enrollments in the nine institutions of the State System of Higher Education this year have increased by 3,342. The increase will be nearly that large next year. In the face of this the system is asked now to reduce its budget for instruction and general services by $3,551,393.

It is obvious that to make such a reduction at a time when enrollment is going up will severely penalize students.

The Board of Higher Education must face up to the necessity of making reductions in areas that will seriously affect students. They will be affected by the increasing of already heavy teaching loads of faculty and the further reduction in funds for library books and teaching equipment.

The Board also faces the possibility that it may have to modify admission requirements, increase board and room charges, and increase tuition charges.

There also is the possibility that the development of graduate education at Portland State College and other new programs may be slowed or postponed.

The sacrifice this will require of students cannot very well be avoided, but the overall effect of this situation goes beyond that. Oregon can ill afford to reduce its investment in higher education at a time when the economy needs a vigorous thrust, for higher education has proved itself to be one of the strongest forces in expansion of the economy.

During the discussion, institutional executives and student representatives indicated agreement with and support of the statement of the seriousness of the proposed cutbacks. The Board also emphasized that approval of the statement did not indicate firm decisions with regard to the methods of reduction of expenditures set forth in the statement.

Resolution re Private Residential Facilities

Mr. Layman said that he had noted the use of "OTI" in the sign designating the construction of privately-owned dormitory housing Oregon Technical Institute. He said that the use of institutional names or initials implies to public and students some institutional responsibility or supervision. He suggested the adoption of the following resolution:
RESOLVED, that the Board as a policy disapproves the use of any institutional name or initials in the promotion of privately-owned residential facilities under circumstances which imply to the public any institutional ownership, control, responsibility or supervision thereof.

Upon motion by Mr. Joss, the Board adopted the resolution as presented.
It was recommended that the following personnel adjustments and appointments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1967-68 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective September 16, 1967. The Board approved the recommendation as presented.

<table>
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<tr>
<th>Budgeted Name, Rank and/or Title, Department</th>
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<th>Recommended Salary Rate of Funds</th>
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<td>Oregon State University:</td>
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<td>Dr. Malcolm Daniels, Associate Professor</td>
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<td>$10,700</td>
<td>$12,000 Grant (Reappointment, yearly tenure.)</td>
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<td>Department of Chemistry</td>
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<td>12,209</td>
<td>13,800 Budget</td>
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<td>Mr. Nelson C. Anderson, Extension Agent</td>
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<td>11,640</td>
<td>12,240 Budget (Returning from leave without pay and was previously scheduled for salary increase; effective September 18, 1967.)</td>
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<td>at Heppner</td>
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<td>Dr. David B. King, Associate Professor</td>
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<td>13,800 Budget (Appointment as Director of the University Honors program; increase in recognition of added duties; effective 9/1/67.)</td>
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<tr>
<td>Mr. Roger E. King, Assistant Professor,</td>
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<td>10,036 Budget (Added responsibilities as Director of English Education.)</td>
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<td>University of Oregon</td>
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<tr>
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<td>Recreation and Park Management, Professor</td>
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<td>of Recreation Management</td>
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<tr>
<td>Dr. Barton E. Clements, Supervisor of</td>
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<td>Educational Interns, Asst. Professor</td>
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<td>Dr. Saul Toobert, Assistant Director,</td>
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<td>Dr. Frederick J. Seubert, Associate</td>
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<td>13,100 Grant (Increase provided in grant; added duties at Tongue Point.)</td>
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<tr>
<td>Professor of Management</td>
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Budgeted Name, Rank and/or Title, Department

Dr. Jarold A. Kieffer, Asst. to the President with rank of Professor

Mr. Herbert L. Penny, Director of Informational Services, Associate Professor

Mr. Leonard J. Calvert, Coordinator, Economic Opportunity Program, Asst. Prof.

Mr. Stafford G. Thomas, Supervisor, Instructional Media, Job Corps Center

Mr. William Dellinger, Assistant Track Coach, Instructor in Physical Education

Mr. Joe K. Stephens, Instructor in Philosophy

Dr. Walther L. Hahn, Associate Professor of Germanic Languages

Mr. Philip I. McHugh, Asst. Football Coach with rank of Asst. Professor; Instructor in Physical Education

Mr. Edward Johns, Jr., Assistant Football Coach with rank of Asst. Professor and Instructor in Physical Education

University of Oregon Medical School

Dr. Victor D. Menashe, Assistant Director of the Crippled Children's Division with rank of Assoc. Prof. of Pediatrics

Dr. Herbert E. Griswold, Professor and Head of Division of Cardiology

Dr. J. David Bristow, Associate Professor of Medicine

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</table>
Dr. David Phillips, Associate Professor of Medical Psychology

Dr. Arthur Wiens, Professor of Medical Psychology

Dr. F. Robert Brush, Associate Professor of Medical Psychology

Dr. Robert D. Fitzgerald, Associate Professor of Medical Psychology

Dr. John L. Butler, Associate Clinical Professor of Psychiatry

Dr. Richard L. Grant, Assistant Professor of Psychiatry

Dr. Arlen Quan, Assistant Professor of Psychiatry

Miss Mary Lou House, Assistant Professor of Nursing

Dr. Jeanne S. Phillips, Associate Professor of Psychiatry

Dr. A. Wesley Norton, Professor of Environmental Medicine and Biochemistry

Dr. Benjamin B. Ross, Associate Professor of Physiology

<table>
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<tr>
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<td>(Increase provided in grant; 90 percent time; effective September 1, 1967.)</td>
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<td>(Increase provided in grant; 90 percent time; effective September 1, 1967.)</td>
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<td>(Promotion to Professor of Physiology; effective July 1, 1967.)</td>
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<td>Budgeted Name, Rank and/or Title, Department</td>
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<td>Present Salary Rate</td>
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<td>(The following salary adjustments are for supervisory teachers to correspond to Portland School District pay scale.)</td>
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<tr>
<td>Mr. James H. Adamson</td>
<td>9</td>
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<td>12,744</td>
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<td>Assistant Professor of Education</td>
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<td>Mr. Edward F. Gottlieb, Assistant Professor of Education</td>
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<td>Ms. Irene I. Langston, Assistant Professor of Education</td>
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<td>Mr. Omer K. McCaleb, Assistant Professor of Education</td>
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<td>Mr. Georgie M. Matthews, Assistant Professor of Education</td>
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<td>Mr. Richard S. Phillips, Assistant Professor of Education</td>
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<td>6,630</td>
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<td>Mr. Wesley V. Tolliver, Assistant Professor of Education</td>
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<td>Mr. Dave Allen, Assistant Professor</td>
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<tr>
<td>Mr. Burdette L. Dodge, Assistant Professor</td>
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<tr>
<td>Mr. Earl Sweet, Assistant Professor</td>
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<td>9,276</td>
<td>9,636</td>
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</table>
The following gifts and grants to the institution have been approved for acceptance and expenditure by the institution and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

Oregon State University

Scholarships & Fellowships

Gifts totaling $79,984.64 from the following donors for scholarships and fellowships:

Albany Union High School Girl's League Scholarship, Albany $120.00
American Society for Engineering Education, Washington, D.C. $10,000.00
Beneficial Foundation, Inc., Wilmington, Delaware 175.00
Benton County Medical Auxiliary, Corvallis 105.00
Boise Cascade Corporation, Boise, Idaho 300.00
Business and Professional Women's Club, Junction City 369.00
Central Lincoln People's Utility District, Newport 369.00
Clarkson College of Technology, Potsdam, New York 333.00
Crater High School, Central Point 125.00
Crown Zellerbach Foundation, San Francisco, California 3,875.00
Doctors' Wives of Washoe County, Reno, Nevada 350.00
Oregon Chapter of Electrical Women's Round Table, Inc., Portland 150.00
Elks Lodge No. 1934, Brookings 300.00
Elks Lodge No. 1413, Corvallis 660.00
Elks Lodge No. 358, Happpner 100.00
Elks Lodge No. 1663, Lebanon 300.00
Emblem Club No. 175, Crescent City, California 125.00
Equitable Savings & Loan Association, Portland 250.00
ESCO Corporation, Portland 1,000.00
Ford Motor Company Fund, Dearborn, Michigan 583.00
The General Foods Fund, Inc., New York City 5,000.00
General H. H. Arnold High School, New York City 500.00
Grants Pass Public Schools 526.00
Green Giant Foundation, Minneapolis, Minnesota 400.00
International Association of Machinists, Washington, D.C. 335.00
J. E. Olinger & Sons, Milton-Freewater, Oregon 200.00
Kaiser Aluminum & Chemical Corporation, Oakland, California 3,900.00
Robert Johnson Trust Fund 938.32
Kindley Air Force Base Parent-Teacher Association, New York 300.00
Lane County Bank, Florence 250.00
Carlton-Yamhill Lions Club, Yamhill 330.00
Longview Fibre Company, Longview, Washington 1,980.00
Northwest Canners & Freezers Association, Portland 123.00
Order of the Eastern Star of Oregon, Portland 1,725.00
Oregon City Senior High School 200.00
Oregon Dairy Industries, Corvallis 123.00
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<th>Organization</th>
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<td>Oregon Federation of Women's Clubs, Portland</td>
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<td>Oregon State University Dads' Club, Corvallis</td>
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<td>Portland Rose Festival Association</td>
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<td>Ralston Purina Company, St. Louis, Missouri</td>
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<td>Rayonier, Inc., Hoquiam, Washington</td>
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<td>The Sears-Roebuck Foundation, Chicago, Illinois</td>
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<td>South Eugene High School Girls' League, Eugene</td>
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<td>Max D. Tucker Trust Fund</td>
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<td>U. S. Submarine Veterans of WW II, Los Angeles, California</td>
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<td>Western Kraft Corporation, Portland</td>
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<td>Weyerhaeuser Company Foundation, Tacoma, Washington</td>
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<td>Chester M. Wilcox Memorial Scholarship Fund through the Pioneer Trust Company, Salem</td>
<td>8,000.00</td>
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<td>Willamette Industries, Inc., Dallas</td>
<td>2,678.00</td>
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<tr>
<td>Mr. Ray T. Yasui, Hood River</td>
<td>100.00</td>
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</table>

**Agency for International Development**

Grant of $32,000 from the Agency for International Development, Washington, D.C., "to give assistance to the government of Turkey for improvement of wheat production," July 1, 1967, through August 31, 1968, under the direction of Mr. Gene M. Lear, Director of Extension Service.

**National Aeronautics and Space Administration**

Grant of $105,200 from the National Aeronautics and Space Administration, Washington, D.C., for a graduate training program in space-related sciences and technology, September 1, 1967, through August 31, 1970, under the direction of Dr. Henry P. Hansen, Dean of the Graduate School, and the chairmen or department heads of the chemistry department, botany department, electrical engineering department, mechanical and industrial engineering, mathematics and oceanography.

**OSU Book Stores, Inc.**

Grant of $6,841.12 from the Oregon State University Book Stores, Inc., Corvallis, "to be used as matching funds for the United Student Aid Funds Program," under the direction of Mr. J. Frank Jonasson, Assistant Director of Financial Aids.

**R. M. Wade Foundation**

Gift of $450 from the R. M. Wade Foundation, Portland, for partial support of a trip taken by a staff member.

**The Rockefeller Foundation**

Grant of $8,000 from The Rockefeller Foundation, New York City, as an unrestricted gift to Oregon State University.

**The S&H Foundation, Inc.**

Grant of $800 from the S&H Foundation, New York City, as an unrestricted gift to Oregon State University.
Grants totaling $727,330 from the National Science Foundation, Washington, D.C., for research, construction, and other purposes, as follows:

1. $52,630 - "Pycnogonida of the Antarctic Regions," August 1, 1967, through July 31, 1969, under the direction of Dr. Joel W. Hedgpeth, Professor and Resident Director of Marine Science Center.

2. $124,700 - "Rare Gas Study of Interplanetary Material in Pelagic Sediments," August 15, 1967, through August 14, 1969, under the direction of Dr. David Tilles, Associate Professor of Oceanography.

3. $550,000 - "For the construction of an addition to the Oregon State University Oceanographic Research Laboratory," March 15, 1967, through March 14, 1969, under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.

Grant of $2,000 from the Pacific Northwest Ski Areas Association, Corvallis, for research entitled, "Economic Analysis of Ski Area Operation in Oregon," September 15, 1967, through June 15, 1968, under the direction of Dr. Arthur I. Stonehill, Assistant Professor of Business Administration.

Grants totaling $1,620,766 from the U. S. Department of Health, Education & Welfare, Washington, D.C., for research, construction, student loans, and other purposes, as follows:


2. $1,047,186 - "To assist in the construction of a Bioscience Building," August 16, 1967, until completion, under the direction of Mr. M. Popovich, Dean of Administration.

Grant of $4,110.70 from the U. S. Department of the Interior, Washington, D.C., for research entitled, "Adaptation of Technicon Autoanalyzer for Seawater Nutrient Analyses." August 1, 1967, through June 30, 1968, under the direction of Dr. Kilho Park, Associate Professor of Oceanography.

Grant of $130,000 from the U. S. Navy Department, Washington, D.C., "to provide education instruction for students enrolled in the Naval ROTC program," for the 1967-68 academic year, under the direction of Captain John H. Hitchcock, Commanding Officer, Oregon State University.
Grants totaling $212,232 from the U. S. Public Health Service, Bethesda, Maryland, September 1, 1967, through August 31, 1968, unless otherwise indicated, for research, fellowships, loans, supplies and other purposes, as follows:

1. $20,236 - "Survival Mechanism of Microorganisms in Food," under the direction of Dr. Jong S. Lee, Assistant Professor of Food Science and Technology.

2. $12,513 - "Osmotic and Ionic Regulation in Urodeles," under the direction of Dr. Ronald H. Alvarado, Assistant Professor of Zoology.

3. $5,600 - "Predoctoral fellowship in behalf of Sidney J. Hayes, III," under the direction of Dr. Adam W. Lis, Department of Microbiology.

4. $36,361 - "Metabolism of Herbicides and Transformation Products," under the direction of Dr. Sheng C. Fang, Associate Professor of Chemistry.

5. $48,380 - "Reconstitution of Mitochondrial Respiratory Chain," under the direction of Dr. Tsoo E. King, Professor of Chemistry.

6. $25,941 - "Optical Studies of Macromolecules," under the direction of Dr. Kensi E. Van Holde, Professor of Biochemistry and Biophysics.

7. $14,513 - "Survival of Food Pathogens in Radiation Pasteurization of Seafood," under the direction of Dr. Arthur Anderson, Associate Professor of Food Microbiology.

8. $16,688 - "Metabolic Changes Induced by Tumor Virus," under the direction of Dr. V. R. Freed, Head of Agricultural Chemistry. This is a career development award on behalf of Dr. George S. Beaudreu.

9. $31,000 - "Health Professions Student Loan Program," July 1, 1967, through June 30, 1968, under the direction of Dean Richard Pahre, Director of Financial Aid.

10. $1,000 - "Post-doctoral supply grant in behalf of Dr. Robert V. Klucas," August 7, 1967, through August 7, 1968, under the direction of Dr. Harold J. Evans, Professor of Botany.
Grants to the several Agricultural Experiment Station Departments and divisions for research work and other purposes from various donors as follows:

**American Poultry & Hatchery Federation**

$1,000 - "The Nutrition of Dwarf White Leghorn Layers," under the direction of Dr. G. H. Arscott, Professor of Poultry Nutrition.

**CIBA Pharmaceutical Company**

$3,000 - "Hereditary and Environmental Factors Related to the Performance of Turkeys," "Improving Year Around Egg Production of Turkeys," under the direction of Dr. J. A. Harper, Professor of Poultry Science.

**Curry County**

$5,000 - "A research program on the Chinook salmon at the Port Orford station," under the direction of Dr. William J. McNeil, Associate Professor of Fisheries.

**Klamath County**

$5,500 - "Forage crop research at the Klamath Experiment Station," under the direction of Mr. A. E. Gross, Professor of Agronomy.

**Oregon State Department of Agriculture**

$3,000 - "Development of a Methodology for Producing Rose Bushes That Can Be Certified Free of Virus," under the direction of Dr. J. A. Milbrath, Professor of Plant Pathology.

**Port of Tillamook Bay**

$500 - "The Early Life History of Basket Cockle Clam in Netarts Bay," under the direction of Dr. Howard F. Horton, Associate Professor of Fisheries.

**Selenium–Tellurium Development Association**

$3,000 - "To assist in the study of the implications of selenium in animal nutrition," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

**Oregon State Dept. of Agriculture**

$5,000 - "The cost of producing Grade A fluid milk in Oregon," under the direction of Dr. M. J. Conklin, Associate Professor of Agricultural Economics.

**Technological Laboratory-Preservation**

$468.75 - "Analysis of fish meal samples and swabs for presence of salmonella in fish meal plants," under the direction of Dr. A. W. Anderson, Professor of Microbiology.

**U.S.D.A., Soil Conservation Service**

$365.69 - "Superior Grasses and Legumes for Soil and Water Conservation and Forage," under the direction of Mr. S. Swanson, Soil Conservation Service.

**U.S. Dept. of Interior; Water Resources Research**

$3,000 - "Economic Consequences of Inter-Basin Water Transfers," under the direction of Dr. E. N. Castle, Professor of Agricultural Economics.

**Williams' Bakery**

$750 - "Factors Affecting Bread Loaf Volume and Dough Structure," under the direction of Dr. Andrea C. Mackey, Professor of Foods and Nutrition.
University of Oregon

Scholarships & Fellowships

Gifts totaling $57,229.21 from the following donors for scholarships and fellowships:

- African-American Institute, New York City $7,214.50
- Agnes Beach Memorial Scholarship Fund, Portland 400.00
- Agnew Timber Products, Brookings 900.00
- American Legion Auxiliary, Dundee 325.00
- Anaheim High School Student Body, Anaheim, California 150.00
- Ann Arbor Rotary Foundation, Ann Arbor, Michigan 250.00
- Anonymous donor, Brookings 100.00
- Associated Student Body, Roseburg Senior High School 335.00
- Associated Student Body, Union High School, Silverton 395.00
- Associated Students, Washington High School, Portland 250.00
- Associated Students of William C. Overfelt High School, San Jose, California 100.00
- Astoria Education Association, Astoria Junior High School, Astoria 300.00
- Ausland Construction Co., Grants Pass 100.00
- Baptist Life Association, Buffalo, New York 300.00
- Bate Plywood Co., Inc., Merlin 100.00
- Bible Club of Bend Senior High School, Bend 100.00
- Boise Cascade Papers, Salem 500.00
- The Britt Memorial Scholarship, Medford 350.00
- The Carpenter Foundation through School District No. 6, Central Point 433.38
- The Carpenter Foundation through the Medford Senior High School, Medford 1,371.00
- Chubb Foundation, New York City 350.00
- Columbia University Scholarship Program for Officer's Children, New York City 499.50
- Cottage Grove High School Student Body 100.00
- Criswell Scholarship Fund through the U.S. National Bank Trust Department, Portland 1,000.00
- Crown Zellerbach Foundation, San Francisco, California 6,125.00
- Cummins Engine Foundation, Columbus, Indiana 600.00
- Edward Arthur Mellinger Education Foundation, Monmouth, Illinois 250.00
- Elks Lodge No. 1934, Brookings 300.00
- Elks Lodge No. 358, Heppner 400.00
- Elks Lodge No. 1663, Lebanon 250.00
- Entre Nous Club, Parkrose Senior High School, Portland 100.00
- Fortin Foundation, Inc., Billings, Montana 1,045.00
- Frank Tou Velle Trust, Medford 167.00
- Georgia Pacific Foundation, Portland 2,750.00
Gervais Union High School District Parents' Club, Gervais $100.00
Grand Guardian Council of Job's Daughters, Portland 600.00
The Gray Line Co., Portland 300.00
Hanna Ladies, Riddle 150.00
Harold E. Fellow Memorial Scholarship through the National Association of Broadcasters, Washington, D.C. 1,100.00
Hauert Tractor, Medford 200.00
Health Careers Scholarship Organization, Cottage Grove 194.00
Hector Campbell, Parent-Teacher Association, Milwaukee 200.00
Hunt Foods & Industries Foundation, Fullerton, California 123.00
Industrial Electric Service Co., Roseburg 500.00
Jackson County Retail Credit Association, Medford 100.00
Jantzen, Inc., Portland 500.00
The Latin American Scholarship Program of American Universities, Inc., Cambridge, Massachusetts 3,730.00
Lester D. Harris Memorial, Medford 100.00
Max D. Tucker Scholarship through the U. S. National Bank Trust Department, Portland 666.00
Lions Club, Myrtle Creek 100.00
Madras High School Student Affairs, Madras 185.00
Marin General Hospital, Greenbrae, San Rafael, California 300.00
Marshfield Senior High School Latin Club, Coos Bay 100.00
Matanuska Electric Association, Palmer, Alaska 500.00
McKenzie-Willamette Hospital, Springfield 100.00
McMinneville Rotana Club, McMinneville 250.00
Mildred Litster Scholarship through the U. S. National Bank Trust Department, Medford 167.00
Mu Phi Epsilon Alumnae Chapter, Eugene 150.00
The National Foundation - March of Dimes, Whatcom County Chapter, Bellingham, Washington 500.00
North Eugene High School Associated Student Body, Eugene 123.00
Northwestern Region, Soroptimist Federation of the Americas, Bozeman, Montana 2,500.00
Oregon Association of Broadcasters, Eugene 500.00
Oregon Congress of Parents & Teachers, Portland 840.00
Oregon Education Association, Portland 300.00
O.N.C. Scholarship Foundation, Palo Alto, California 1,000.00
Grand Chapter of Oregon, Order of Eastern Star, Portland 1,500.00
Oregon State Elks Association, Prineville 2,343.33
Oregon State Chapter, P.E.O. Sisterhood, Ashland 825.00
Oregon State Employee's Association, Salem 370.00
Oregon State University Foundation, Corvallis 768.00
Parent Faculty Association, Parkrose Senior High School, Portland $ 100.00
Parent-Teacher Association, Mapleton 200.00
Parkrose Senior High School Student Body, Portland 390.00
Portland Legal Secretaries Association 100.00
Portland Rose Festival Association 553.00
Richfield Methodist Church, Minneapolis, Minnesota 900.00
Vera B. Richter, Coos Bay 100.00
Ricketts Music Store, Roseburg 200.00
Rotary Academic, Medford 123.00
Rotary Club of Fairfield-Suisun, Fairfield, California 150.00
Rotary Club, Eugene 797.50
Rotary Club, Grants Pass 166.00
Southern Oregon Plywood, Inc., Grants Pass 166.00
Supreme Chapter P.E.O. Sisterhood, Des Moines, Iowa 200.00
The Sears-Roebuck Foundation, San Francisco, California 300.00
Smith River Lumber Co. & Woolley Logging Co., Drain 668.00
Student Body, South Eugene High School, Eugene 200.00
Taft Union High School and College Parent-Teacher Association, Taft, California 100.00
Thora B. Gardiner Junior High School Parent-Teacher Association, Oregon City 300.00
Turner Educational Trust through the U. S. National Bank Trust Department, Portland 100.00
20-Year Club of the Eugene Register-Guard, Eugene 123.00
U. S. Naval Academy Class of 1935, Falls Church, Virginia 500.00
Western Conference of Teamsters, Burlingame, California 250.00
Yale University, New Haven, Connecticut 325.00
Zeta Tau Alpha Foundation, Evanston, Illinois 200.00
Zonta Club, Roseburg 123.00

Mrs. G. E. Avery: Gift of a Manchu Imperial Lung P'ao man's robe and a pair of K'o Tsu Panels, valued at $500, from Mrs. George E. Avery; Cottage Grove, to the Museum of Art.

American Council on Education: Grant of $11,229.96 from the American Council on Education, Washington, D.C., to provide an internship for Dr. Donald L. Thompson, September 1, 1967, through May 31, 1968, under the direction of Dr. Thompson.

Coordinating Council of Literary Magazines: Grant of $1,500 from the Coordinating Council of Literary Magazines, Washington, D.C., as a gift for the general support of the Northwest Review, beginning August 18, 1967, under the direction of Mr. George Belknap, University Editor.
E. C. Brown Trust Foundation

Grant of $3,862.80 from the E. C. Brown Trust Foundation, Portland, to provide a portion of the salary of Dr. Theodore B. Johannis during the 1967-68 academic year. Dr. Johannis is Associate Professor of Sociology.

National Council for Education in Family Finance

Grant of $1,000 from the National Council for Education in Family Finance, New York City, to provide supplemental funds for a workshop in Education in Family Finance, January 1 through December 31, 1967, under the direction of Dr. Hugh B. Wood, Professor of Education.

National Institute for Advanced Study in Teaching Disadvantaged Youth

Grant of $8,600 from the National Institute for Advanced Study in Teaching Disadvantaged Youth, Washington, D.C., to cover one-fourth of the salary of Dr. Arthur Pearl, Professor of Education, and the salary of one graduate assistant and payroll assessments for 1967-68, in connection with Dr. Pearl's service as a member of the National Committee of the National Institute for Advanced Study in Teaching Disadvantaged Youth.

National Science Foundation

Grants totaling $52,100 from the National Science Foundation, Washington, D.C., for research, as follows:

1. $10,500 - "Thermal-metabolic Relationships of Stenothermal Fishes," September 1, 1967, through August 31, 1968, under the direction of Dr. Robert W. Morris, Associate Professor of Biology.

2. $41,600 - "Physiology of Photosynthetic Bacteria," September 1, 1967, through August 31, 1969, under the direction of Dr. W. R. Sistrom, Associate Professor of Biology.

Pacific Power and Light Company

Grant of $9,600 from Pacific Power and Light Company, Klamath Falls, for archaeological reconstruction at Collier State Park, Oregon, September 1, 1967, through August 31, 1968, under the direction of Mr. David L. Cole, Curator of Anthropology, Museum of Natural History.

Secondary Commission of the NW Association

Grant of $13,750 from the Secondary Commission of the Northwest Association for Secondary and Higher Schools, Eugene, to provide half of the salary, secretarial help, materials, travel, and other expenses for the Executive Director of the Commission for the year 1967-68.

Mrs. G. Skeie

Gift of a lady's obi ornament from the Japanese Meiji Period, valued at $360, from Mrs. George Skeie, Eugene, to be added to the collection of the Museum of Art.

U. S. Atomic Energy Commission

Grants totaling $42,800 from the U. S. Atomic Energy Commission, Richland Operations Office, Richland, Washington, for research, August 1, 1967, through July 31, 1968, as follows:

1. $16,800 - "Electrophoretic and Histochemical Studies of Tissues and Body Fluids of X-Irradiated Hamsters," under the direction of Dr. A. L. Soderwall, Professor of Biology.
2. $26,000 - "Nucleo-Cytoplasmic Interactions During Amphibian Development," under the direction of Dr. Philip Grant, Professor of Biology.

U. S. Dept. of Labor

Grant of $9,553 from the U. S. Department of Labor, Washington, D.C., for research entitled, "Local Union Leadership and Technological Change," September 16, 1967, through June 15, 1968, under the direction of Dr. Steven E. Deutsch, Assistant Professor of Sociology.

U. S. Office of Education

Grants totaling $1,132,041 from the U. S. Office of Education, Washington, D. C., for construction and other purposes, as follows:

1. $807,316 - "To assist in the construction of a Law School Legal Center," September 1967 through September 1969, under the direction of Mr. I. I. Wright, Director of the Physical Plant.

2. $239,750 - "For continued support of a Special Education Instructional Materials Center," September 1, 1967, through August 31, 1968, under the direction of Dr. Melton Martinson, Professor of Education.


U. S. Public Health Service

Grants totaling $462,942 from the U. S. Public Health Service, for research, fellowships, training grants, and other purposes, effective September 1, 1967, through August 31, 1968, unless otherwise indicated, as follows:

1. $5,300 - "Predoctoral research fellowship award on behalf of Mr. Leland H. Donald," under the direction of Dr. Vernon Dorjahn, Head, Department of Anthropology.

2. $1,000 - "Postdoctoral fellowship supply allowance on behalf of Dr. Bruce McConnell," July 1, 1967, through June 30, 1968, under the direction of Dr. Peter Von Hippel, Professor of Chemistry and Research Associate, Institute of Molecular Biology.

3. $1,000 - "Postdoctoral fellowship supply allowance on behalf of Dr. Patricia C. Jost," under the direction of Dr. Franklin W. Stahl, Research Associate, Institute of Molecular Biology.

4. $5,100 - "Predoctoral fellowship award on behalf of Mr. Barry L. Isaac," August 18, 1967, through August 17, 1968, under the direction of Dr. Vernon R. Dorjahn.

5. $19,862 - "Structure and Relations of Proteins and Nucleic Acids," September 1 through December 31, 1967, under the direction of Dr. Peter H. Von Hippel.
6. $20,229 - "Development Award - Research Career Program grant on behalf of Dr. Lloyd J. Dolby, Associate Professor of Chemistry," July 1, 1967, through June 30, 1968, under the direction of Dr. R. M. Noyes, Head of the Department of Chemistry.

7. $36,840 - "Syntheses Related to Cardioactive Natural Products," under the direction of Dr. Virgil C. Boekelheide, Professor of Chemistry.

8. $7,300 - "Predoctoral fellowship award in behalf of Mr. Ray Stinnett," under the direction of Dr. Herbert Prehm, Associate Professor of Education.

9. $48,106 - "Inelastic Light Scattering in Biopolymers," under the direction of Dr. Warner L. Peticolas, Professor of Chemistry.


11. $7,140 - "Field Research Training Grant award in Anthropology on behalf of Jeanette E. Carter, Research Fellow," September 1, 1967, through January 31, 1969, under the direction of Dr. Vernon Dorjahn.

12. $9,010 - "Field Research Training Grant award in Anthropology on behalf of James C. Riddell, Research Fellow," September 1, 1967, through November 30, 1968, under the direction of Dr. Vernon Dorjahn.

13. $40,480 - "Enzyme Catalytic Mechanism Studies," under the direction of Dr. Raymond G. Wolfe, Jr., Associate Professor of Chemistry.

14. $5,600 - "Predoctoral fellowship award on behalf of Mr. Sheldon Smith," under the direction of Mr. Philip D. Young, Acting Assistant Professor of Anthropology.

15. $239,327 - "Molecular Basis of Control Mechanisms," under the direction of Dr. Aaron Novick, Director, Institute of Molecular Biology.

Mrs. L. Colwell  Gift of a ceramic pot by Henry Takemoto, from Mrs. Lila Colwell, Portland, to the Museum of Art. The gift is valued at $2,500.

UO Development  Gifts totaling $189,696 from the University of Oregon Development Fund, Eugene, for the following purposes during the 1967-68 academic year:

1. $25,903 - "Funds from the Wallace Development fund for the Institute of Community Art Studies," under the direction of Dr. June McFee, Director of the Institute.
presentation on the statewide educational television network for the benefit of the general adult audience, utilizing northwest talent," August 30, 1967, through January 1, 1968, under the direction of Mr. Kenneth Warren, Assistant Director, Educational Media.

Office of Economic Opportunity

Grant of $44,988 from the Office of Economic Opportunity, Washington, D.C., beginning September 18, 1967, to provide for a training program for Head Start Personnel to be offered on a state-wide basis through Division of Continuing Education Centers and Regional Offices, under the direction of Mr. E. J. DeRocher, Director.

ADJOURNMENT


J. W. Forrester, Jr., President

R. L. Collins, Secretary
2. $163,793 - "For salaries and payroll assessment charges in connection with the School of Community Service and Public Affairs," under the direction of Mr. Ralph Sunderland, Chief Budget Officer.

Vocational Rehabilitation Administration

Grants totaling $238,322 from the Vocational Rehabilitation Administration, Washington, D.C., for training programs and traineeships, September 1, 1967, through August 31, 1968, as follows:

1. $34,191 - "Training Program in Mental Retardation," under the direction of Dr. Gaylord A. Rybolt, Assistant Professor of Education.

2. $19,816 - "Traineeships in Mental Retardation," under the direction of Dr. H. J. Prehm, Associate Professor of Education.

3. $184,315 - "Training Grant in Rehabilitation Counseling," under the direction of Dr. Martin Acker, Associate Professor of Education.

Gifts to the Library:

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

G. P. Cheshire
Manuscripts of a novel, Wenatchee Bend, valued at $150, from the Western author Mr. Giff P. Cheshire, Beaverton.

Mrs. R. E. Dyar
Manuscripts and correspondence of Ralph E. Dyar, author and playwright, from Mrs. Ralph E. Dyar, Seattle. The gift is valued at $300.

E. W. Gulley
Correspondence, articles, clippings, and publications concerning the Doukhobor problems, valued at $225, from Dr. Emmett W. Gulley, Brookings.

R. Hogan
Manuscripts and correspondence of Mr. Ray Hogan, author of westerns and motion picture and television scripts, from Mr. Hogan, Albuquerque, New Mexico. The gift is valued at $250.

F. Holwerda
Manuscripts and correspondence, valued at $425, from Mr. Frank Holwerda, Saratoga, California. Mr. Holwerda is an author of short stories.

G. V. Hurley
Manuscripts and correspondence, valued at $1,290, from Mr. G. Victor Hurley, Yakima, Washington. Mr. Hurley is the author of four nonfiction works on the Philippines, and two novels.
Mrs. J. L. Lait & Mrs. L. C. King
Manuscripts and correspondence of Jacquin L. Lait, author and playwright, from his widow and daughter, Mrs. Jacquin L. Lait and Mrs. Lois C. King, Burbank, California. The gift is valued at $1,295.

Mrs. H. B. Lewis
Gift of manuscripts and correspondence of western author Will Cook, from his widow, Mrs. Howard B. Lewis, San Francisco, California. The gift is valued at $1,060.

Mrs. V. N. McCall
Manuscripts and correspondence, valued at $1,770, from Mrs. Virginia Nielsen McCall, Loomis, California. Mrs. McCall is an author of novels and short stories.

J. J. Miller
Manuscripts and correspondence, valued at $250, from Mr. John J. Miller, Columbus, Ohio. Mr. Miller is an author of short stories and novels.

R. G. Montgomery
Manuscripts and correspondence, valued at $3,250, from Mr. Rutherford G. Montgomery, Los Gatos, California. He is a novelist and author of short stories and film scripts.

W. Morey
Manuscripts and correspondence, valued at $758, from Mr. Walt Morey, Sherwood. Mr. Morey is an Oregon author.

Peterson Estate
Four hundred volumes of law books, valued at $175, from the estate of Ira M. Peterson, Junction City.

Mrs. J. M. Redding
Manuscripts and correspondence of John M. Redding, author of fiction and non-fiction, from Mrs. John M. Redding, Rockville, Maryland. The gift is valued at $1,040.

C. Rogers
Manuscripts and correspondence, valued at $2,230, from Mr. Cameron Rogers, Montecito, California. Mr. Rogers is an author and journalist.

Mrs. I. S. Way
Manuscripts and correspondence, valued at $450, from Mrs. Isabel Stewart Way, Azusa, California. Mrs. Way is an author of short stories and novels.

University of Oregon Dental School

Bettman Foundation Trust
Gift of $1,797.14 from the Bettman Foundation Trust through the First National Bank of Oregon, Portland, to increase the funds available for scholarships. This amount represents the additional disbursement of 1/7 net income.

D. R. Paulson
Gift of $102.04 from Dr. Duane R. Paulson, Portland, to increase an existing gift account and to be used at the discretion of Dr. D. R. Porter, Chairman of the Department of Pedodontics, with approval by the Office of Business Affairs.

D. R. Porter
Gift of $141.98 from Dr. Donald R. Porter, Portland, to increase an existing gift account and to be used at the discretion of Dr. Porter, Chairman of the Department of Pedodontics.
Grants totaling $63,813 from the U. S. Public Health Service, Bethesda, Maryland, for research, as follows:

1. $28,046 - "Clinical Behavior of Restorative Materials," November 1, 1967, through October 31, 1968, under the direction of Dr. David B. Mahler, Chairman of the Dental Materials Department.

2. $35,767 - "Research on Programmed Dental Instruction," August 1, 1967, through July 31, 1968, under the direction of Dr. William A. Richter, Chairman, Crown and Bridge Department.

University of Oregon Medical School

Allergy Foundation of America

Grant of $1,000 from the Allergy Foundation of America, Portland, "in partial support of Dr. Michale Miller's research in pediatric allergy," under the direction of Dr. Richard Olmsted, Professor and Chairman of the Department of Pediatrics.

L. Christensen & P. R. Thornfeldt

Gift of a Kelman Cryosurgical Unit, valued at $3,200, from Dr. Leonard Christensen, University of Oregon Medical School, and Dr. Paul R. Thornfeldt, Troutdale, for use under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

Clackamas County TB and Health Association

Gift of $300 from the Clackamas County Tuberculosis and Health Association, Oregon City, to provide scholarships of $150 each for two students, under the direction of Miss Jean E. Boyle, Director of the School of Nursing.

Colbath Bequest

Bequest under the will of Mr. A. B. Colbath, deceased, of $16,255.29, to be used for the benefit of the patients at the State Tuberculosis Hospital to provide those things not provided as a part of the regular state support and service to patients.

The Duke-Lab Foundation, Incorporated

Gift of $750 from the Duke-Lab Foundation, Incorporated, Norwalk, Connecticut, "to be used for educational purposes in the Division of Dermatology, under the direction of Dr. Walter C. Lobitz, Jr., Head of the Division of Dermatology.

First National Bank of Oregon

Gift of $100 from the head office of the First National Bank of Oregon, Portland, as a contribution in memory of Pauline Adolph, (Mrs. Dave Adolph) and is to be used for chemotherapy research, under the direction of Dr. William S. Fletcher, Associate Professor of Surgery.

L. E. Garrison

Gift of $200 from Mr. L. E. Garrison, Roseburg, to be used for chemotherapy research in memory of Pauline Adolph, under the direction of Dr. W. S. Fletcher.

Grand Chapter of Oregon, Order of Eastern Star

Gift of $1,000 from the Grand Chapter of Oregon, Order of Eastern Star, Portland, to provide scholarship awards of $500 each for designated students, under the direction of Miss Jean E. Boyle, Director of the School of Nursing.
Gift of $120.75 from Dr. Melvin P. Judkins, Associate Professor of Radiology, Portland, for the purchase of office equipment for the Department of Radiology, under the direction of Dr. Charles T. Dotter, Chairman of the Department.

Gift of a large chromatography tank, valued at $500, from the National Foundation, Multnomah County Chapter, and the Medical Research Foundation of Oregon, Portland, for use in the Department of Pediatrics, under the direction of Dr. R. W. Olmsted, Chairman of the Department. The National Foundation contributed $300 and the Medical Research Foundation $200.

Grant of $31,742 from the National Foundation, March of Dimes, Portland, in further support of a "Birth Defects Evaluation Center," July 1, 1967, through June 30, 1968, under the direction of Dr. Neil Buist, Assistant Professor of Pediatrics.

Grant of $5,600 from the National Science Foundation, Washington, D.C., "in further support of a graduate fellowship in biochemistry," September 20, 1967, through September 19, 1968, under the direction of Mr. Gregory P. Williams, Fellow in the Biochemistry Department.

Grant of $2,800 from the Oregon Heart Association, Portland, in support of professional education in cardiovascular pathology, August 1, 1967, through July 31, 1968, under the direction of Dr. Nelson R. Niles, Associate Professor of Pathology.

Gift of $500 from Mrs. Robert S. Patterson, Grants Pass, to be used for the purchase of equipment used in heart research, under the direction of Dr. Herbert E. Griswold, Head of the Division of Cardiology. The gift is in memory of her husband.

Grant of $5,000 from The Procter & Gamble Co., Cincinnati, Ohio, "in support of research under the direction of Dr. Walter C. Lobitz, Head of the Division of Dermatology.

Bequeas of $10,000 under the estate ofillard B. Taylor, deceased through the First National Bank of Oregon, Portland, to be used for a student loan fund, under the direction of Dean D. W. E. Baird.

Grant of $40,000 from the U. S. Department of the Army, Medical Research and Development Command, Washington, D.C., for research entitled, "A Study of Inflammation and Inflammatory Diseases of the Skin," August 1, 1967, through July 31, 1968, under the direction of Dr. Walter Lobitz, Chairman of the Dermatology Department.

Grant of $26,500 from the U. S. Navy Department, Office of Naval Research, Washington, D.C., for research entitled, "Fundamental Research in the Anatomy, Physiology, Biophysics, and Statistics of the Auditory Cortex in the Brain and Its Communication Aspects," July 1, 1967, through June 30, 1968, under the direction of Dr. Archie R. Tunturi, Associate Professor of Anatomy.
Grants totaling $938,553 from the U. S. Public Health Service, Bethesda, Maryland, for research, traineeships, training programs, and other purposes, September 1, 1967, through August 31, 1968, unless otherwise indicated, as follows:

1. $17,700 - "Cardiac Electrophysiology and Electron Microscopy," under the direction of Dr. Donald G. Kassebaum, Assistant Professor of Medicine.

2. $33,694 - "Environmental Factors in Occupational Dermatitis," under the direction of Dr. Raymond R. Suskind, Professor of Environmental Medicine.

3. $251,816 - "Malignant and Genetic Alterations in Human Cells," under the direction of Dr. Robert D. Koler, Professor and Chairman, Experimental Medicine.

4. $77,056 - "Neural Mechanisms of Postural Control," under the direction of Dr. John Brookhart, Chairman of the Department of Physiology.

5. $10,277 - "Inhibition of Hemagglutinins by Immunoassuptive Drugs," under the direction of Dr. Arthur W. Frisch, Professor and Chairman of the Bacteriology Department.

6. $68,876 - "Eccrine Sweat Gland Function," under the direction of Dr. Richard L. Dobson, Professor of Dermatology.

7. $418 - "Epidermal Papillomas in Pleuronectid Fishes," September 1 through December 31, 1967, under the direction of Dr. S. R. Wellings, Professor and Chairman, Department of Pathology.

8. $88,505 - "Professional Nurse Traineeship Program - Long-Term Academic," under the direction of Miss Lucile Gregerson, Associate Professor, School of Nursing.

9. $51,275 - "Development of Normal Human Communication Skills," under the direction of Dr. Herold S. Lillywhite, Professor of Speech Pathology.

10. $26,966 - "Undergraduate Training Program in Cardiology," under the direction of Dr. Herbert E. Griswold, Professor of Medicine.

11. $30,568 - "Chemo- and Radiotherapy in Bladder Carcinoma," under the direction of Dr. Clarence V. Hodges, Professor and Head of the Division of Urology.

12. $20,481 - "Public Health Nursing Traineeship Grant - Public Health Traineeship Program," September 27, 1967, through September 26, 1968, under the direction of Miss Gertrude Peterson, Assistant Professor, School of Nursing.
13. $49,710 - "Anatomy and Physiology of the Auditory Cortex," September 1, 1967, through April 30, 1968, under the direction of Dr. Archie R. Tunturi, Associate Professor of Anatomy.

14. $9,104 - "Allied Health Professions Advanced Traineeship Grant," April 1, 1967, through June 30, 1968, under the direction of Dr. Tyra T. Hutchens, Chairman of the Department of Clinical Pathology.

15. $23,350 - "Neural Control of ACTH Release in Primates," August 1, 1967, through July 31, 1968, under the direction of Dr. John W. Kendall, Associate Professor of Medicine.

16. $500 - "Fellowship supply award for Dr. Herman M. Frankel in the Department of Pediatrics," July 15, 1967, through July 14, 1968, under the direction of Dr. Richard W. Olmsted, Professor and Head of Pediatrics.

17. $18,864 - "Cardiovascular Physiology in Pregnancy," under the direction of Dr. James Metcalfe, Professor of Medicine.

18. $46,600 - "Therapy of Cardiac Arrhythmias," under the direction of Dr. Elton L. McCawley, Professor of Pharmacology.

19. $5,600 - "Predoctoral fellowship for Mrs. Lynne C. Manaugh under the sponsorship of Dr. Sefton Wellings, Department of Pathology," September 14, 1967, through September 13, 1968, under the direction of Dr. Wellings.

20. $46,454 - "Thrombosis in Retinal Vessels," under the direction of Dr. Arthur J. Seaman, Professor of Medicine.

21. $1,000 - "Supply grant for Dr. Edward N. Peterson in the Department of Medicine under the direction of Dr. James Metcalfe," July 1, 1967, through June 30, 1968.

22. $6,100 - "Predoctoral fellowship for Mrs. Karmen LaVer Schmidt under the sponsorship of Dr. Robert L. Bacon," under the direction of Dr. Bacon, Professor of Anatomy.

23. $38,957 - "Myocardial Hypoxia and Anaerobic Metabolism," under the direction of Dr. William A. Neill, Associate Professor of Medicine.

24. $13,682 - "Blood Vessel Connective Tissue Studies," under the direction of Dr. J. Peter Bentley, Assistant Professor of Biochemistry and Experimental Biology.

25. $1,000 - "Supply grant for Dr. Larry T. Brice in Diabetes and Metabolism under the direction of Dr. Richard E. Bailey," July 1, 1967, through June 30, 1968, under the direction of Dr. Brice, Postdoctoral Fellow in Diabetes and Metabolism.
Grants totaling $137,151 from the Vocational Rehabilitation Administration, Washington, D.C., for teaching grants and traineeships, September 1, 1967, through August 31, 1968, as follows:

1. $26,800 - "Teaching grant and traineeships in rehabilitation medicine," under the direction of Dr. William Snell, Head of Orthopedic Surgery.

2. $110,351 - "Teaching grant and traineeships in the field of rehabilitation counseling," under the direction of Dr. George Saslow, Professor and Chairman of the Psychiatry Department.

Gift of $100 from Women in Construction of Portland, Portland, to be used for Medical Research in memory of Miss Lois Gleason, under the direction of Dean D. W. E. Baird.

Gifts totaling $2,400 from the following donors in memory of Harold Wendel, deceased: Mrs. Lawrence S. Black, Lake Oswego, $300; Mr. James G. Wendel, Ann Arbor, Michigan, $1,000; Mr. Lawrence S. Black, Lake Oswego, $1,000; and Mrs. Harold F. Wendel, $100.

Gifts totaling $9,790 from the following donors for scholarships and fellowships:

- American Association of University Women, Washington, D.C. 143.00
- American Business Women's Association, Multnomah Falls Chapter, Portland 150.00
- American Business Women's Association, Whispering Pines Chapter, Beaverton 300.00
- Canteen Company of Oregon, Portland 330.00
- Clackamas County Tuberculosis and Health Association, Oregon City 150.00
- Clark College, Vancouver, Washington 610.00
- Continental Coffee Company, Chicago, Illinois 500.00
- Cummins Engine Foundation, Columbus, Indiana 600.00
- Evans Products Company Foundation, Portland 300.00
- Executives' Secretaries, Inc., Portland 350.00
- Grand Chapter Order of the Eastern Star of Oregon, Portland 500.00
- The Grolier Foundation, Inc., New York City 150.00
- International Order of Job's Daughters - Grand Guardian Council of Oregon, Portland 600.00
- John Jacob Astor Parent-Teacher Association, Portland 123.00
- Meier & Frank Co. Employees' Scholarship, Portland 600.00
- Nez Perce Tribal Executive Committee, Lapwai, Idaho 400.00
Office of the Commissioner of Baseball, New York City $ 1,494.00
Oregon State Chapter, P.E.O. Sisterhood, Ashland 250.00
Portland Rose Festival Association 123.00
Reynolds High School Dad's Club, Troutdale 175.00
Sposito Insurance Agency, Portland 100.00
United Scholarship Service, Inc., Denver, Colorado 183.00
U. S. Department of the Interior, Bureau of Indian Affairs 140.00
U. S. National Bank of Oregon, Portland 369.00
Western Conference of Teamsters, Burlingame, California 500.00
1961 U. S. World Figure Skating Team Memorial Fund Committee, Boston, Massachusetts 150.00


Educational Coordinating Council Grant of $51,615 from the Educational Coordinating Council, Salem, to support the 1967-68 Urban Studies Center, July 1, 1967, through June 30, 1968, under the direction of Dr. Lyndon R. Musolf, Director of the Urban Studies Center.

German Consul Gift of 8 newsreel films on German news, valued at $1,600, from the German Consul of the Federal Republic of Germany, Portland, to the library; and books, pamphlets and maps in the field of German life and literature, valued at $221, also to the library.

E. H. MacCannell Gift of $120 from Dr. Earle H. MacCannell, Lake Oswego, to provide funds to employ a college work-study research assistant in the Sociology Department, August 1 through September 30, 1967, under the direction of Dr. George C. Hoffman, Dean of Social Science.

U. S. Dept. of Health, Education, and Welfare Grants totaling $218,289 from the U. S. Department of Health, Education, and Welfare, Bethesda, Maryland, for research as follows:

1. $157,139 - "The Effect of Group Membership on Community Adjustment," September 1, 1967, through August 31, 1968, under the direction of Dr. George W. Fairweather, Professor of Psychology.

2. $61,150 - "Action of Proteolytic Enzymes on Corneal Tissue," December 1, 1967, through November 30, 1968, under the direction of Dr. Earl Fisher, Professor of Biology.
Southern Oregon College

Scholarships & Fellowships

Gifts totaling $31,242.98 from the following donors for scholarships and fellowships:

- Agency for International Development $ 220.00
- S. A. Agnew Memorial Scholarship, Brookings 800.00
- Angus Bowmer Drama Award, Ashland 500.00
- Associated Student Body, Ravenswood High School, East Palo Alto, California 400.00
- Barnes Scholarship Fund, Medford 300.00
- Louis Biden Logging Company, Prospect 500.00
- Britt Memorial Scholarship Foundation, Medford 1,200.00
- Bureau of Indian Affairs, Washington, D.C. 161.00
- Business and Professional Women, Grants Pass 166.00
- Business and Professional Women's Club, Klamath Falls 200.00
- Carnation Company Scholarship Foundation, Seattle, Washington 633.00
- The Carpenter Foundation through the Central Point School District 1,033.42
- The Carpenter Foundation through Medford Senior High School 1,888.00
- Carpenter Foundation Grant through the Phoenix Senior High School 1,275.00
- The Carpenter Fund through the Ashland Senior High School 754.00
- Mrs. Charles R. Cooley, Grants Pass 166.00
- Crater Lions Educational Grant, Medford 168.00
- Criswell Scholarship through the U. S. National Bank of Oregon, Portland 500.00
- Del Monte Scholarship Foundation, Crescent City, California 100.00
- Delta Kappa Gamma, Epsilon Chapter, Ashland 333.00
- Drain Plywood Co., Drain 167.00
- Eagle Point Education Association Scholarship Fund, Eagle Point 111.00
- Elks Lodge No. 326, Roseburg 150.00
- Food & Drug Clerks Union, Local 1092 500.00
- Future Teachers of America and Pep Club, Redmond High School 150.00
- Fulbright Commission, New York City 1,389.00
- Gilbert Mack Fund and Carpenter Foundation, Central Point 133.36
- Grand Chapter of the Eastern Star of Oregon, Leslie S. Parker Memorial Fund, Portland 1,500.00
- Grand Guardian Council of Job's Daughters, Portland 600.00
- Henley High School Parents and Patrons 125.00
- Honor Society and Pep Club, Henley High School 150.00
- Hood River County Jaycees, Hood River 500.00
- Illinois Valley High School, Cave Junction 500.00
Institute of International Education, New York City
International Association of Y's Mens Clubs, Downers Grove, Illinois
Jackson County Insurance Agents, Medford
Jackson County Young Farmers Club, Medford
Kahekili Chapter No. 4, Order of Kamehameha,

$ 660.00
Kahului, Maui, Hawaii
Lions Club, Bandon
K. E. McKay, Coos Bay
Medford Jaycees
Medford Rotary Educational Grant
Mildred Listser Scholarship, Medford
Miscellaneous donors
O.N.C. Scholarship Foundation, Palo Alto,
California
Oregon Congress of Parents and Teachers, Portland
Oregon State Elks Association, Prineville
Oregon State Employees Association, Salem
P.E.O. Sisterhood, Chapter BU, and Mr. and Mrs.
Art Randall, Ashland
Phelps-Stokes Fund, New York City
Pep Pepper Club, Klamath Union High School,
Klamath Falls, Oregon
Professional Baseball College Scholarship Plan,
Baseball, Office of the Commissioner, New York
City
Parent-Teacher Association, Bellview School, Ashland
Sandy Parent-Teacher Association, Sandy
Thurston High School Parent-Teacher Association,
Springfield
Verna M. Gray Scholarship Fund, Rainbow Girls,
Tillamook
Rebekah Assembly of California, Gilroy, California
Mrs. Vera Richter, Coos Bay
Rotary Club, Crescent City, California
Rotary Club, Medford
Saudi Arabian Educational Mission, New York City
Second Marine Division Association, Sugarland, Texas
Senior Class of 1966, Henley High School
South Lane School District 45J3, Cottage Grove
Southern Oregon Peace Officers Association, Medford
Teachers Association of District 6, Central Point
Tillamook People's Utility District
Timber Products Company, Medford
Frank Tou Velle Trust, through Crater High
School, Central Point
Frank L. Tou Velle Trust Fund through the Phoenix
Senior High School
Frank L. Tou Velle Trust Fund through the First
National Bank of Oregon, Portland
Frank Tou Velle Trust through Medford Senior High School $ 963.00
Turner Educational Trust, through the U. S. National Bank of Oregon, Portland 300.00
U. S. National Bank of Oregon, Portland 222.00
Washougal High School, Washougal, Washington 200.00
Woolley Logging Co., Drain 167.00
Zonta Club, Medford 111.00


Eastern Oregon College

Scholarships & Fellowships Gifts totaling $7,367.75 from the following donors for scholarships and fellowships:

Boise Cascade Corporation Foundation, Boise, Idaho $ 1,350.00
Boise Cascade Salem Fine Paper Mill, Salem 500.00
Central Lane YM-YWCA, Eugene 600.00
Columbia Power Co-op Association, Monument 500.00
The Confederated Tribes of the Warm Springs Reservation of Oregon, Warm Springs 944.00
The General Henry H. Arnold Educational Fund, Air Force Aid Society, Washington, D.C. 800.00
Howard W. Turner Educational Trust, Portland 450.00
Junction City Education Association, Junction City 168.75
Mrs. Rice McHaley, La Grande 100.00
Oregon State Elks Association, Prineville 625.00
Research Corporation, Burlingame, California 600.00
Soroptimist Club, La Grande 330.00
Wahkanoka District No. 9 Parent-Teacher Association, The Dalles 400.00

Gift of $100 from Mrs. Judith Andrew, Corvallis, representing a 2 percent bequest payable under a College Life Insurance Co. of America policy for her husband, Kelly Roe Andrew, who was killed in an air crash in July.

Oregon Technical Institute

Scholarships & Fellowships Gifts totaling $6,974 from the following donors for scholarships and fellowships:
The Carpenter Foundation through Phoenix High School $ 200.00
The Carpenter Foundation through Medford Senior High School 200.00
Collins-MacDonald Trust Fund, Lakeview 200.00
Confederated Tribes of Warm Springs Reservation of Oregon, Warm Springs 500.00
Courtesy Chevrolet Company, Medford 369.00
Creswell High School Scholarship Fund 110.00
Gardiner Parent-Teacher Association, Reedsport 100.00
Gilbert Mack Scholarship Fund, Central Point 150.00
Grand Guardian Council of Oregon, International Order of Job's Daughters, Portland 300.00
Henley High School Parent-Teacher Association 125.00
Independent Order of Odd Fellows, Myrtle Point Lodge No. 150, Myrtle Point 100.00
John Deere Foundation, Portland 200.00
Kiwanis Club, Lebanon 200.00
National Honor Society, Sandy 100.00
Rannow Memorial through Sandy Union High School 100.00
Rotary Club Mr. Jack Rownell, Grants Pass 500.00
Rotary Club, Medford 200.00
S & H Foundation, Inc., New York City 450.00
South Santiam Educational & Research Project through the Oregon State University Foundation, Corvallis, 1,000.00

M. H. Swanson Gift of a basal metabulator and an electrocardiograph, valued at $1,065 from Dr. Merle H. Swanson, Klamath Falls, for student instruction under the direction of Mr. Paul T. Meier, Dean of Instruction

U. S. Dept. of Health, Education & Welfare Grants totaling $39,855 from the U. S. Department of Health, Education and Welfare, Washington, D.C., for the following purposes:

1. $30,000 - "Education Opportunity Grant," under the direction of Mr. Lawrence Stevens, Director of Financial Aids.

2. $9,885 - "College Work-Study Program," under the direction of Mr. Stevens.

Western Electric Company Gift of equipment, valued at $5,719, from the Western Electric Company, Inc., New York City, for use in the instructional program under the direction of Dean Meier.

Division of Continuing Education

Educational Television - Grant of $2,197 from the Educational Television Stations Program Service, National Association of Educational Broadcasters, Indiana University Foundation for Educational Television, Bloomington, Indiana, "To provide cash support for partial costs of production of an original television play to be placed on videotape for