STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD IN
DADS' ROOM, ERB MEMORIAL UNION, UNIVERSITY OF OREGON, EUGENE, OREGON

April 24-25, 1967

MEETING #356-1 A regular meeting of the State Board of Higher Education was held in the Dads' Room, Erb Memorial Union, University of Oregon, Eugene, Oregon, on April 24-25, 1967.

ROLL CALL The meeting was called to order at 9:00 A. M. on Monday, April 24, 1967, by the President of the Board, Mr. Chas. R. Holloway, Jr., and on roll call, the following answered present:

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

Absent: Mr. George H. Layman and Mr. Ray T. Yasui were out of the state.

OTHERS PRESENT:

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

Oregon State University—President J. H. Jensen; Mr. M. Popovich, Dean of Administration; Mr. G. M. Robertson, Director of Business Affairs; Dr. David B. Nicodemus, Dean of Faculty; Dr. John M. Ward, Dean of the School of Science; and Dr. J. F. Ligon, Jr., Professor of English.

University of Oregon—President A. S. Flemming; Dr. W. C. Jones, Dean of Administration; Dr. Jarold A. Kieffer, Assistant to the President; Mr. J. O. Lindstrom, Director of Fiscal Affairs; Mr. I. I. Wright, Director of the Physical Plant; Mr. George Wallmann, Staff Architect; Dr. Russell Nelson, Administrative Intern to the President; Mr. J. M. Shea, Director, University Relations; Mr. H. L. Penny, Director, Informational Services; Mr. H. A. Linde, Professor of Law.
University of Oregon Dental School—Dean H. J. Noyes; Mr. Eugene Bauer, Assistant Dean for Business Affairs; Dr. L. G. Terkla, Assistant Dean for Academic Affairs.

University of Oregon Medical School—Dr. C. N. Holman, Associate Dean.

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

Oregon College of Education—President L. W. Rice.

Southern Oregon College—President E. N. Stevenson; Mr. D. E. Lewis, Director of Business Affairs.

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

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

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

Others—Mr. Bernarr Stadius, Management Analyst, Department of Finance and Administration; Mr. R. W. Field, Assistant Audits Supervisor, Office of the Secretary of State.

The Board voted to dispense with the reading of the minutes of the last regular meeting held on March 13-14, 1967, and approved them as printed in the docket.

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

Report of Bids and Contract Award for Forest Science Wing Addition to Forest Research Laboratory, OSU

The eight bids received in Corvallis on March 14, 1967, for the construction of the Forest Science Wing Addition to the Forest Research Laboratory at Oregon State University ranged from $248,397 to $275,000. Since the low bid was fairly close to the prebid estimate, a contract award was made to the low bidder and the following budget was approved for the project:

- Direct construction - Quentin Greenough Inc., Corvallis: $248,397
- Professional services fees (net of $3,305 paid earlier from operating funds): $13,462
- Construction supervision and miscellaneous costs: $5,689
- Contingencies (3% of direct construction costs): $7,452

Total: $275,000
Pursuant to authorization granted by the Board on December 12-13, 1966, and approved by the State Emergency Board on December 16, 1966, the project is to be financed from the following sources of funds:

**General Fund appropriation in Chapter 599, Oregon Laws 1965**
- $69,000

**National Science Foundation grant**
- $110,365

**Forest Products Harvest Tax funds**
- $39,635

**Redirected auxiliary enterprises net income and student building fees**
- $56,000

**Total**
- **$275,000**

Plans and specifications for the project were prepared by Architects Payne & Settecase of Salem. The two-story unit is to be constructed at the southwest corner of the existing facilities near Philomath Road and will contain several laboratories and related service areas as well as offices for the research staff. Based upon the gross area of approximately 11,632 square feet, the direct construction costs average about $21.35 per square foot, including built-in laboratory fixtures.

The Board accepted the report as presented.

Upon the recommendation of Oregon State University officials, arrangements have been made for the professional services of Architects Jeppsen & Miller of Corvallis to assist the staff of the institution in the design and construction supervision of the proposed Earth Sciences Building for which funds in the total amount of $2,420,000 are being requested as Priority No. 25 in the Board's capital construction program for 1967-1969. The professional services fee, covering all architectural and engineering services, will be 6.25 percent of the direct construction costs, including 1.25 percent for the preparation of basic studies and preliminary plans. Credit is to be allowed for a portion of the fee paid to the architects for preparation of basic studies for a proposed addition to the Oceanography Building, now incorporated within the Earth Sciences Building.

The architects will also assist in the preparation of conceptual studies for a possible future addition to the Earth Sciences Building which would provide space for instruction and research in meteorology and geography. For such services, they shall be compensated on a time and materials basis not to exceed 0.6 percent of the estimated direct construction costs.

Funds required for the preliminary planning and for the conceptual studies are to be provided from redirected auxiliary enterprises net income and student building fees pursuant to authorization granted by the Board in April 1966 and March 1967.

The Board accepted the report as presented.
Upon the recommendation of University of Oregon Medical School officials, arrangements have been made for the professional services of Architects Campbell-Michael-Yost of Portland to assist the staff of the institution in preparing conceptual studies for the proposed Basic Science Classroom and Laboratory Building for which funds in the total amount of $4,040,000 are being requested in the Board's capital construction program for 1967-1969.

The conceptual studies are needed in connection with a grant application to the federal government. For their services, the architects are to be compensated on a time and materials basis not to exceed $10,000. Funds required for the preparation of conceptual studies are to be provided from redirected auxiliary enterprises net income and student building fees pursuant to authorization granted by the Board in April 1966 and March 1967.

The Board accepted the report as presented.

On April 7, 1967, upon the recommendation of University of Oregon Medical School officials and Architects Dukehart & Kinne, the Vice Chancellor for Business Affairs inspected and accepted the work performed by the construction contractor for the Library Building Addition and Alterations, subject to the installation of the elevator and 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 June 14-15, 1966:

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget 4/7/67</th>
<th>Original Budget 6/14-15/66</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs - E. Carl Schiewe, Portland</td>
<td>$284,748</td>
<td>$265,444</td>
<td>$19,304 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>18,509</td>
<td>17,254</td>
<td>1,255</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>1,743</td>
<td>9,030</td>
<td>(7,287)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>13,272</td>
<td>(13,272)</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>25,000</td>
<td>-</td>
<td>25,000 (2)</td>
</tr>
<tr>
<td><strong>Total project costs</strong></td>
<td><strong>$330,000</strong></td>
<td><strong>$305,000</strong></td>
<td><strong>$25,000</strong> (2)</td>
</tr>
</tbody>
</table>

(1) Includes the reinstatement of a bid alternate for the installation of an elevator, revising the fire alarm system and exit lights to conform to the requirements of the fire marshal, replacing existing brick parapet walls with concrete walls and other changes incorporated in five approved change orders.

(2) With the approval of the Board on October 24-25, 1966, and subsequent authorization by the State Emergency Board, the project was increased by $25,000 for the cost of furnishings and equipment items to be financed from bequests under the will of Dr. A. G. Bettman ($10,000) and from the Weeks Trust Fund ($15,000).
The project provides an increase from 29,005 gross square feet to approximately 39,463 gross square feet of library space, an increase of library stack capacity from 90,000 to approximately 157,700 volumes, and an increase of reader space from approximately 150 to 235 persons. Except for the gift funds for interior furnishings, the project was financed from redirected auxiliary enterprises net income and student building fees.

The Board accepted the report as presented.

On March 21, 1967, upon the recommendation of Oregon State University officials, the TRIGA MARK II reactor was accepted on behalf of the Board. Earlier, as of October 11, 1966, the work performed by the construction contractor for the Addition to the Radiation Center Building was inspected and accepted 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 October 25-26, 1965:

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget 4/4/67</th>
<th>Original Budget 10/25-26/65</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Direct Construction Costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smith and Nelson, Contractors and Engineers, Salem</td>
<td>$300,803</td>
<td>$292,495</td>
<td>$ 8,308 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>22,308</td>
<td>23,050</td>
<td>( 742)</td>
</tr>
<tr>
<td>Nuclear Reactor, including biological shield and fuel fabrication (contract with General Dynamics Corporation)</td>
<td>482,200</td>
<td>472,500</td>
<td>9,700 (2)</td>
</tr>
<tr>
<td>Fuel processing and whole body counter</td>
<td>74,000</td>
<td>74,000</td>
<td>-</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>9,389</td>
<td>4,500</td>
<td>4,889 (2)</td>
</tr>
<tr>
<td>Movable equipment</td>
<td>13,140</td>
<td>22,840</td>
<td>( 9,700)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>12,455</td>
<td>(12,455)</td>
</tr>
<tr>
<td>Total Project Costs</td>
<td>$901,840</td>
<td>$901,840</td>
<td>$ -</td>
</tr>
</tbody>
</table>

Sources of Funds:

<table>
<thead>
<tr>
<th>Source of Funds</th>
<th>Revised</th>
<th>Original</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>State appropriation, Chapter 599, Oregon Laws 1965</td>
<td>$ 37,840</td>
<td>$ 37,840</td>
<td>$ -</td>
</tr>
<tr>
<td>General Obligation Bonds, Series 1964</td>
<td>350,000</td>
<td>350,000</td>
<td>-</td>
</tr>
<tr>
<td>Gifts and Grants:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>300,000</td>
<td>300,000</td>
<td>-</td>
</tr>
<tr>
<td>Atomic Energy Commission</td>
<td>194,000</td>
<td>194,000</td>
<td>-</td>
</tr>
<tr>
<td>Indirect cost allowances from instructional and research contracts and grants</td>
<td>20,000</td>
<td>20,000</td>
<td>-</td>
</tr>
<tr>
<td>Total sources of funds</td>
<td>$901,840</td>
<td>$901,840</td>
<td>$ -</td>
</tr>
</tbody>
</table>
(1) Includes the reinstatement of an alternate to provide acoustical tile and floor covering in one room, the substitution and installation of larger conduit system, and addition of pressure switches and magnetic switches as requested by the Atomic Energy Commission, the modifications of the ventilation system, roof framing and electrical work, the installation of additional sidewalks and other changes incorporated within ten approved change orders.

(2) Includes substitution of a Mark III Console for the Mark II type console.

General Information

Plans and specifications for the Nuclear Reactor Addition to the Radiation Center were prepared by Architects Bear, McNeil, Schneider, Bloodworth & Hawes of Portland. This addition, containing approximately 9,943 square feet, is four stories high and is constructed of reinforced concrete and precast panels.

The reactor, which was purchased from the General Atomic Division of General Dynamics Corporation, is a 250 KW TRIGA Mark II model capable of pulsing up to 2.1% Delta K/K reactivity insertions. This company's work also included constructing the reactor shielding, the fabrication of fuel elements, the installation of a Mark III type console, and all other requirements associated with the reactor.

The Board accepted the report as presented.

Report of Rejection of Bids for Charcoal System at Heating Plant, UO

At the March 13-14, 1967, meeting of the Board, a report was made of the bids received for modifications to the Central Heating, Power and Cooling Plant at the University of Oregon to obtain fly ash for the manufacture of charcoal briquets. Authorization was granted by the Board to amend the agreement with the Kingsford Company of Louisville, Kentucky, to provide for their investment of approximately $52,000 in the project with the understanding that proceeds from the sale of the fly ash at $15 per ton would be used to amortize the advance plus interest on the unpaid balance at 6.0 percent per annum.

Notice was received from the Kingsford Company on April 7, 1967, that since the bids exceeded the amount they felt should be authorized at this time, the bids should be rejected. The contractors who submitted quotations for this work have been advised of this action and upon the recommendation of University of Oregon officials, the proposed amendment to the agreement with the company has been cancelled.

The Board accepted the report as presented.
Report of Appointment of Architects for Pine Mountain Observatory, UO

Upon the recommendation of University of Oregon officials, arrangements have been made for the professional services of Architects Stearns, Mention and Morris of Eugene for the design and construction supervision of facilities required for the proposed astronomy observatory to be constructed on Pine Mountain near Bend, Oregon, on land to be leased from the U.S. Forest Service. It is expected that the building and dome to house a movable telescope, quarters for the project director, a utility building and related items would cost approximately $46,738. The telescope itself is expected to cost approximately $87,170. The project is to be financed from grant funds of the National Science Foundation and from gifts through the University of Oregon Development Fund supplemented by indirect cost allowances from instructional and research contracts and grants.

For their services, the architects are to be compensated at the rate of 10 percent of the direct construction costs. Funds required for architectural planning are to be provided from gifts and grants.

The Board accepted the report as presented.

Revised Basic Studies for College Services Building, PSC; Basic Studies for Parking Structure II, PSC

On October 24, 1966, the Board reviewed and approved basic studies which Architects Witt, Englund & Plummer prepared for the proposed College Services Building at Portland State College (Priority No. 5 in the Board's revised capital construction program for 1967-1969). It was indicated that the gross area of the initial unit would be approximately 85,000 square feet and that the project cost would be approximately $1,175,000. It was also indicated that the structure would occupy all of Block 189, bounded by S. W. Broadway, Mill Street, Montgomery Street and Sixth Avenue, except for the 7,500 square foot area within the southwest quarter of the block being used for Koinonia House, the new interdenominational student center. The design contemplated underground parking spaces for approximately 68 vehicles below the warehouse and shop areas on the north half of the block.

Subsequent discussions with City of Portland officials revealed potential difficulties in closing S. W. Mill Street between S. W. Broadway and S. W. Sixth Avenue to provide extended loading docks for the College Services Building. Furthermore, a more intensive review of the program requirements for warehouse and shop spaces, offices for Placement and Personnel Services, etc., suggested significant reductions in the space allocations reflected within the basic studies. These factors, as well as the reactions of some of the members of the Board, suggested the need for further study of the project.

Portland State College officials and the architects have filed with the Board's Office revised basic studies for the College Services Building which have been coordinated with the basic studies for the proposed Parking Structure II (Priority No. 33 in the Board's capital outlay program for 1967-1969). Generally, the shop and office areas within the College Services Building would occupy the
southeast quarter of Block 189 in a five-level building. The top floor would tie to the proposed elevated pedestrian link across S. W. Broadway at S. W. Montgomery Street, intersecting the bridge between the College Center and State Hall. This elevated system would permit the circulation of people, the movement of materials and the installation of utility services across S. W. Broadway without conflict with vehicular traffic. Except for the warehouse space and loading dock at the ground level on the northeast quarter of the block, all of the area north of the College Services Building and the Koinonia House would be used for a multilevel parking structure accommodating approximately 384 cars.

If it were necessary to limit the scope of the work in Block 189 to the initial unit of the College Services Building (Priority No. 5), parking would be provided for only 35 cars in the basement area below the warehouse space and there would be no construction in the northwest quarter of the block. The gross area of this unit would be approximately 58,800 square feet, and the estimated direct construction costs of $1,025,930 would average about $17.45 per square foot. Consistent with the financial program approved in October 1966, auxiliary enterprises would be expected to finance about $195,000 of the total project cost of $1,175,000 recognizing the costs allocable to parking in the initial unit and also a share of the cost of joint use facilities, such as the elevator, stairways and structural capacity for additional floor levels.

For the multilevel parking structure (Priority No. 33), excluding the ground level warehouse space and basement parking area which would be part of the College Services Building, the gross area would be about 109,900 square feet. The estimated direct construction costs of $623,283 would average approximately $5.67 per square foot. All of the $940,000 budget, including the cost of the site not owned by the Board, would be financed from self-liquidating bond borrowings or other restricted fund balances from auxiliary enterprises operations.

For the combination of the College Services Building and Parking Structure II, the total project cost would be $2,115,000. Of this amount, about $1,649,213 would be for direct construction. Based upon the gross area of about 168,700 square feet, these direct construction costs would average approximately $9.78 per square foot. (For the parking areas alone, the average direct construction costs would be approximately $6.53.) The average investment for each parking space, including land, would be about $2,956. This is somewhat more than the investment of approximately $2,004 which was made earlier for each of the 891 spaces available in the first parking structure at Portland State College.

The space allocations within the College Services Building would be made as follows: The basement level would be left unfinished for temporary use as warehouse space with the expectation that it would be converted later to accommodate the institution's duplicating Department. The first floor would accommodate the various
shops (plumbing, electrical, painting, carpentry, etc.) as well as the major warehouse space and recessed loading dock with access to S. W. Mill Street. On the second floor, the Office of Facilities Planning and Operations would be located. Office space for Personnel Services would occupy the third floor, along with the major area required for mechanical equipment. Offices for the Placement Service would be planned for the fourth floor level. The structural system would be of reinforced concrete columns and beams with steel formed waffle slab floor systems. Provision would be made for future expansion of three levels over the entire site. If necessary or desirable, all or a part of the basement parking area could be converted to computer quarters or warehouse space depending upon future requirements. Exterior finishes would include brick masonry and exposed concrete. Mechanical systems would be coordinated with the central plant in the Southeast Unit of State Hall with services extended beneath the overhead mall system at S. W. Montgomery Street. Office areas would be air conditioned and mechanical ventilation would be provided for lower level parking and shop spaces.

With the concurrence of the Chancellor, President Millar recommended that the revised basic studies for the College Services Building and the basic studies for the Parking Structure II be approved and that the appropriate Board officials be authorized to instruct the architects to complete the preliminary planning for both projects within a total direct construction cost allowance of $1,649,213, anticipating the price level expected to prevail late in 1967 if legislative authorization is obtained for construction. It was also recommended that Board officials be authorized to have the architects proceed with the preparation of final plans and specifications for at least the College Services Building if the completed preliminary plans are in substantial agreement with the current basic studies. Funds required for the architectural planning of the College Services Building are to be financed from redirected auxiliary enterprises net income and student building fees which are available as a result of the overrealization of federal grants for construction projects authorized during 1965-1967.

It should be noted that the scope of the architects' services has been increased to cover the design and construction supervision of Parking Structure II as well as the College Services Building.

The Board members discussed the financial implications of the proposed parking facilities and the comparison of costs with the costs of providing other types of parking facilities, including remote parking with shuttle bus service and parking at institutions where it can be provided by blacktopping the ground surface rather than erecting parking structures.
Portland State College officials indicated that use of the shuttle bus service between the College and the Memorial Coliseum parking area had decreased slightly during the spring term and that it had been necessary to subsidize the shuttle bus service during the entire period it has been in operation. However, it was also stated that there was no present intention of abandoning the service and that ways were being sought to make the service more attractive. Mr. Lemman pointed out that parking structures, remote parking, and on-street parking would be needed to meet the parking needs of Portland State College. On questions from the Board, Mr. McMinn stated that under the City of Portland's standards, Portland State College would be required to provide only one parking space for every ten students.

Mrs. Johnson expressed the opinion that parking policy decisions need to be developed in view of the pressures for funds to provide the best possible education for students. She said parking doesn't really add to the students' education provided it is possible for them to get to their classes. She suggested that students may have to be asked to use less convenient parking in order to use the money that would be required for added parking to provide better educational facilities.

Mr. Payne concurred in the need for developing a parking policy which would not require a subsidy, directly or indirectly at any of the campuses. He said that the situation at Portland State College differed from that of an isolated school in that Portland provided very good public transportation and that automobiles were a convenience rather than a necessity for most Portland State College students. He recognized that use of automobiles was imperative in some instances but that this need can be met by providing a minimum amount of parking. He also stressed the fact that subsidizing of parking structures has the effect of diverting both land and funds from classrooms and other essential educational units.

The Board approved the recommendations as presented.

At the December 12-13, 1966, meeting, the Board approved conceptual studies for future science facilities at the University of Oregon, including the proposed Third Addition to the Science Building, for which authorization is being requested from the 1967 Legislature. Architects Skidmore, Owings & Merrill and institutional officials have filed with the Board's Office the preliminary plans for the proposed Third Addition to the Science Building, which are in substantial agreement with the earlier studies. The building would be a four-story structure, plus basement, and would contain a gross area of approximately 86,680 square feet. It would be constructed on a site adjacent to the east side of Emerald Hall and would have a basement connection to the Second Addition to the Science Building now under construction. The basement areas would include four undergraduate laboratories for instruction in
biology accommodating a total of approximately 128 students. In addition, this floor level would include some research space, animal quarters, storage and mechanical spaces. Most of the partial ground floor area would be devoted to four lecture rooms accommodating 472 students. On each of the upper three floor levels, facilities would be provided for graduate instruction and research, principally for the Biology Department, although an undergraduate laboratory for neurophysiology is to be provided with approximately 24 stations. Complete details of special purpose rooms, such as cold rooms, dark rooms, etc., have not been provided, but are expected to be developed during the progress of the working drawings.

The reinforced concrete structural frame would be exposed on the exterior of the building to free the laboratory space within the structure, to provide sun control and to relate this project architecturally to the surrounding buildings. The perimeter of the upper three floor levels would be enclosed with glass and aluminum fenestration. Ground floor lecture room facilities would be enclosed with brick and the main circulation areas adjacent thereto would be enclosed with glass. The interior building wall system, mechanical systems and laboratory furnishings are to be designed in an effort to provide maximum flexibility of internal assignment within the building. Heating and cooling are to be provided from central mechanical systems connected to utility services from the central plant. Footings, retaining walls, columns, beams, floor and roof structures would be of reinforced concrete construction, with structural capacity adequate for two additional floor levels at some future time.

Based upon the price level expected to prevail in 1968 when bids for the project may be received following legislative authorization, it is estimated that the direct construction costs will be approximately $2,568,000, or about $29.63 per square foot. Within the estimated total project cost of $3,855,000, approximately $400,000 relates to Phase II of the central cooling system which will serve the science facilities and other buildings on the University of Oregon campus. The planning of the central cooling system is being done by J. Donald Kroeker & Associates, Consulting Engineers. Tentatively, it is expected that approximately $1,000,000 of the budget requirements would be met from federal grant funds (such as from the National Science Foundation and/or the U. S. Public Health Service) and that the remaining $2,855,000 would be provided from state appropriations and offsets.

With the concurrence of the Chancellor, President Fleming recommended that the appropriate Board officials be authorized to accept the preliminary plans for the proposed Third Addition to the Science Building at the University of Oregon and that they be authorized also to instruct the architects to prepare the final plans and specifications for the project following legislative authorization, or earlier if funds are available for such planning.

The Board approved the recommendations as presented.
At the January 23-24, 1967, meeting of the Board, Architects Wilmsen, Endicott & Unthank presented basic studies for the proposed class-
room, office and library facilities for the Law School at the
University of Oregon, for which funds in the amount of $2,415,000
are being requested as Priority No. 26 in the Board's capital con-
struction program for 1967-1969. It was indicated that the gross
area of the two-story building, plus basement, would be approxi-
mately 75,340 square feet and that the structure would be located
in the northwest corner of the campus immediately north of the
Computer Center now under construction.

Institutional officials and the architects have filed with the
Board's Office the completed preliminary plans for the Law School
project which are in substantial agreement with the approved basic
studies. Some adjustments have been made in the areas of the
building, particularly in the library and in the arrangement of
staff offices. As revised, the gross area is expected to be
78,630 square feet. A total of approximately 415 student stations
would be provided in lecture and seminar rooms and seating would
be provided for about 352 persons in the law library. Office
accommodations would be provided for 46 members of the faculty,
mostly in spaces averaging about 150 square feet each. As noted
in the minutes of the January 23, 1967, meeting, these office
areas exceed the Board's standard because of the requirements for
individual libraries, research, counseling and conference spaces.

The proposed building would be of fire-resistive, reinforced con-
tcrete construction with exterior finishes of concrete, brick
masonry, color-anodized aluminum and glass, possibly with some
wood features. Utility services would be provided from the
central heating and cooling systems through an extension of the
utility tunnel from the terminal at Deady Hall. Landscaping
plans are to be integrated with the building design by the
project architects. The costs of this development, including
the access drive from Kincaid Street and the small service parking
area, have been included in the direct construction cost estimate.
The direct construction cost estimate of $1,900,000 averages $24.16
per square foot.

With the concurrence of the Chancellor, President Flemming recommended
that the preliminary plans for the proposed facilities for the Law
School and Legal Center at the University of Oregon be approved and
that the appropriate Board officials be authorized to instruct the
architects to complete the final plans and specifications when
legislative authorization for construction has been obtained, or
earlier if funds become available for such planning.

Mr. Hunderup indicated that the building as planned would provide
capacity for 500 students and library accommodations for 352 students,
or 72 percent of the enrollment expected about three years after
completion of the proposed facilities. It was pointed out by
University representatives that the library is extremely important
in the School of Law and that the 352 spaces would be part of the
total library space allocation of the University of Oregon, thus
reducing correspondingly the amount of space required in the main
library.
Board members questioned whether expansion of the School of Business Administration would be possible if the new Law School Complex were located on the proposed site. It was stated that the present Law School building could be used for that purpose since it is close to Commonwealth Hall in which the School of Business Administration is located.

The Board approved the recommendations as presented.

On January 23, 1967, the Board reviewed and approved the basic studies which Southern Oregon College officials and Architects Hamlin, Martin & Oredson presented for the initial unit of the Fine Arts Complex, to be identified as the Music Building. It was indicated that the gross area thereof would be approximately 39,010 square feet, and that the total project cost would be $1,360,000, including the cost of acquiring the remainder of the site. The direct construction costs were expected to be approximately $942,540 or about $24.16 per square foot.

Institutional officials and the architects have filed with the Board's Office a copy of the completed preliminary plans for the Music Building which are in substantial agreement with the approved basic studies. The building includes a full complement of teaching facilities for music, including classrooms, teaching laboratories, rehearsal rooms, teaching studios and a recital hall accommodating about 420 persons. A total of approximately 770 student stations, including the recital hall, will be provided in the building. The structure is to be two floors in height, plus a small basement area for mechanical equipment. Provision would be made for a possible partial third floor at some future time. Foundations, columns, floors and retaining walls would be of reinforced concrete construction. The roof would be open web steel joist construction with steel decking and rigid insulation. The exterior walls would feature a combination of brick, precast concrete panels and aluminum frame windows. Interior surfaces would include acoustical materials for desired sound effects. Utility services would be provided from the south campus central heating and cooling plant through a utility tunnel extension which would be developed as part of the project.

With the concurrence of the Chancellor, President Stevenson recommended that the preliminary plans for the proposed Music Building at Southern Oregon College be approved and that the appropriate Board officials be authorized to instruct the architects to complete the final plans and specifications for the project following legislative authorization for construction, or earlier, if funds are available for such planning.

The Board approved the recommendations as presented.
Bids for the construction of the proposed Radioactive Isotopes Laboratory at Oregon Technical Institute, authorized as part of the 1965-1967 capital outlay program, were received from two contractors in Klamath Falls on April 6, 1967. Inasmuch as both of these bids, which were in the amounts of $145,293 and $156,775, exceeded substantially the estimate and direct construction cost allowance authorized to Architects Skidmore, Owings & Merrill, they were rejected.

Upon the recommendation of President Purvine, it is expected that new bids for the project will be solicited later in 1967 in combination with either the proposed residence hall addition or the proposed addition to the Library-Commons Building if appropriate legislative authorization for the new construction is obtained from the 1967 Legislature.

The Board accepted the report as presented.

At the December 12, 1966, meeting, the Board authorized various allocations from the reserve for plant rehabilitation and minor capital outlay to meet some of the most urgent needs during 1966-67. It was indicated that the institutions had submitted requests totaling several hundreds of thousands of dollars for major repair, remodeling and improvement projects, but that it was possible to finance only a small portion thereof from the operating budget.

The Chancellor recommended that the following additional items be financed from the balance of $44,770.71 which remains in this reserve with the understanding that the allocation shall not exceed the amounts indicated for each item unless prior approval is obtained from the Board:

**Oregon College of Education**

- Alterations to Physical Education Building, including replacement of overhead lights in main gymnasium and replacement of flooring in two activity areas  
  $4,200.00

**Oregon State University**

- Improvement of campus lighting by installing fixtures in areas of the campus which do not meet minimum requirements for safety  
  7,500.00

**Southern Oregon College**

- Alterations to auditorium in Churchill Hall (to supplement earlier allocations of $20,500 which are not adequate to meet the minimum requirements of the Fire Marshal if the auditorium is remodeled)  
  13,570.71
Meeting #356-15
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University of Oregon

1. Provide plywood flooring in loft area of University Theater in Villard Hall to eliminate the possibility of a person accidentally stepping through the ceiling and falling to the seating below $2,500.00

2. Replacement of fence at Emerald Street tennis courts which are used for physical education classes and for recreation (to supplement approximately $5,000 of restricted funds from dormitory operations covering approximately one-half of the cost) 5,000.00

University of Oregon Dental School

Modifications to passenger elevators to fulfill safety code requirements of State Bureau of Labor 4,000.00

University of Oregon Medical School

Alterations to gravity exhaust ventilating system in third floor of east wing of Medical Science Building, including the installation of a power exhaust system 5,800.00

Portland State College

Modifications to former Hoover garage between Tenth and Eleventh Avenues and Montgomery and Harrison Streets to provide temporary warehouse and shop space by installing space heaters, lighting, improvements to the floor and roof, some temporary partitioning, etc. (Supplementing balance of $5,800 available from allotment authorized in December 1966 for conversion of Room 310 in Old Main from biology laboratory to chemistry laboratory) 2,200.00

Total 44,770.71

The Board approved the recommendation as presented.

Permit To Use Forest Service

As indicated in another docket item, plans are being developed to construct facilities for an astronomy observatory to be built on Pine Mountain 30 miles southeast of Bend at about the 6,300 foot level on land owned by the U. S. Forest Service.

University officials have negotiated a special use permit with the U. S. Forest Service for a parcel of land 400 feet square for an indefinite period of time at no cost to the state for
the purpose of constructing, maintaining and operating an astronomical observatory and related facilities thereon. The permit is not transferable without the approval of the federal government and may be terminated at the discretion of the Forest Service. Plans and specifications for facilities must be approved by the Forest Service and shall conform to applicable state and county codes and national standards.

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to appropriate Board officials to accept the permit issued by the U.S. Forest Service.

The Board approved the recommendation as presented.

Astronomy Observatory, UO

The University of Oregon has submitted a proposal to the National Science Foundation seeking grant assistance for an improved observatory for research in astronomy at a site on Pine Mountain in Central Oregon, approximately 30 miles southeast of Bend. As noted in other agenda items, Architects Stearns, Metnion & Morris of Eugene and Bend have been commissioned to assist the staff of the institution in the design and construction supervision of facilities. Arrangements are being made with the U.S. Forest Service for the use of the site. Tentatively, it is estimated that the cost of constructing buildings to accommodate the telescope, quarters for the project director, utility buildings and related items would be approximately $46,738 including direct construction costs of approximately $35,500. The estimated cost of the movable telescope is $87,170.

The application for federal grant funds would cover not only a portion of the cost of the capital improvements but also operational costs for two fiscal years on a nonmatching basis.

With the concurrence of the Chancellor, President Flemming recommended that the appropriate Board officials be authorized to accept such federal grant funds as may be made available for the proposed astronomy observatory on Pine Mountain, approve the plans and specifications for the buildings and other facilities, solicit bids and award construction contracts, and make such other arrangements as may be required for the purchase and installation of equipment, utility services, etc. It is anticipated that the grant funds will be supplemented by approximately $32,000 of gifts through the University of Oregon Development Fund and that about $34,000 would be provided from institutional funds budgeted for the acquisition of equipment.

It was indicated that the recommendations presented were necessary in order that it might be possible to have the observatory in operation during June of this year rather than delaying its use until next summer. Board members indicated enthusiasm for the project but expressed the hope that the desire to expedite construction would not increase the costs of the installation.

The Board approved the recommendations as presented.
Meeting #356-17

April 24-25, 1967

Purchase of Day Property, EOC

President Rempel, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Day property located within the approved projected campus boundaries at 1207 E Avenue, La Grande. The owners have indicated a desire to sell and have executed an option for $9,350, in line with Board appraisals. The property consists of two lots containing approximately 14,400 square feet improved with a frame residence. The acquisition is to be financed from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, inasmuch as the property is needed for general campus development. It is expected, though, that if the property is developed for auxiliary enterprise purposes, such as for parking, then appropriate adjustment will be made between the different classes of capital outlay funds in an amount presently expected to be equal to the original acquisition cost plus compound interest thereon at the rate of 3.5 percent per year.

The Board approved the recommendation as presented.

Purchase of Bartron Property, UO

President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Bartron property located within the approved projected campus boundaries at 1758-64 East 17th Avenue, Eugene. The property consists of a lot containing approximately 2,750 square feet improved with two small rental dwellings. An option has been obtained in the amount of $11,625 which is in line with appraisals obtained by the Board. The property is located in the area designated for future dormitory development and funds are to be provided from the proceeds of sale of Article XI-F(1) Series 1963 B bonds sold to finance such acquisitions.

The Board approved the recommendation as presented.

Purchase of Jack Williams Property, SOC

President Stevenson, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Jack Williams property located within the approved projected campus boundaries at 455 Walker Street, Ashland. The property consists of a lot containing approximately 11,200 square feet improved with a modern five-room residence. An option has been obtained in the amount of $21,750 which is in line with appraisals obtained by the Board. The property is in the area designated for physical education fields 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.
Purchase of Don's Radio TV Appliance, Inc. property located within the approved projected campus boundaries at 1388 Siskiyou Boulevard, Ashland. The property consists of a lot containing approximately 5,293 square feet improved with a concrete and brick commercial building containing approximately 2,640 square feet. The remainder of the lot is blacktop parking space. An option has been obtained in the amount of $36,900 which is in line with appraisals obtained by the Board. The property would be used for an indefinite period as a physical plant storage building. Purchase funds are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965.

The Board approved the recommendation as presented.

Report of Acquisition of Lequieu Apartments, sometimes referred to as Rogers Apartments, consisting of the following tracts of real property required by Southern Oregon College as part of the site for dormitory construction and for landscaping.

TRACT A: Beginning at a point which bears South 89°50' East 623.4 feet and North 642.22 feet from the southwest corner of Donation Land Claim No. 45 in Township 39 South, Range 1 East of the Willamette Meridian in Jackson County, Oregon; thence South 89°48' East 149.0 feet; thence North 66.25 feet; thence North 89°48' West 149.0 feet; thence South 66.25 feet to the point of beginning.

TRACT B: Beginning at a point which bears South 89°50' East 623.4 feet and North 708.47 feet from the southwest corner of Donation Land Claim No. 45 in Township 39 South, Range 1 East of the Willamette Meridian in Jackson County, Oregon; thence South 89°48' East 149.0 feet; thence North 66.25 feet; thence North 89°48' West 149.0 feet; thence South 66.25 feet to the point of beginning.

The Circuit Court of Jackson County, by jury trial, has determined that the value of the property as of the date of taking was $64,000 and, in addition, the state is responsible for costs and attorneys' fees. Funds for the acquisition have been provided from the proceeds of Article XI-F(1) bonds, as provided for dormitory projects at Southern Oregon College in Chapter 599, Oregon Laws 1965.

The Board accepted the report as presented.
President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Chellis properties located within the approved projected campus boundaries at 30-32 North 26th Street and 65 North 27th Street, Corvallis. The owners have indicated a desire to sell both properties and have executed options in the amounts of $20,250 and $16,750, respectively, which are in line with Board appraisals.

The property located at 30-32 North 26th Street consists of a lot containing approximately 7,500 square feet improved with a two-story residence converted to student apartments. The property located at 65 North 27th Street consists of a lot containing approximately 6,500 square feet also improved with a two-story residence converted to student apartments.

The properties are in the area designated for the Earth Science Center. Purchase funds are to be provided from the General Fund appropriation authorized in Chapter 599, Oregon Laws 1965, or proceeds of sale of Article XI-G Series 1964 bonds.

The Board approved the recommendation as presented.

On February 4, 1967, the Board adopted the capital outlay budget recommendations of Governor McCall for higher education during 1967-1969, including $4,040,000 for the planning, constructing and equipping of a Basic Science Classroom and Laboratory Building at the University of Oregon Medical School. Originally, this project and a $1,740,000 request for alterations to the Medical Science and Administration Buildings at the Medical School had been included in the Board's tentative program for 1969-1971. In view of the possibility of securing federal grant funds to pay for approximately half of the cost of these projects as well as the proposed addition to the Teaching Hospital (for which state funds in the amount of $5,645,000 are being requested in 1967-1969), the Governor's budget had accelerated the time schedule for these two additional projects. Such federal grant funds are contingent upon an increase in the size of the entering class of medical students. During the current year, the institution admitted 90 first-year students, but it is planned to increase the class size to approximately 112 students within five years or so if additional facilities and staff are available.

As reported in a separate agenda item, Architects Campbell-Michael-Yost have been commissioned to assist the staff of the institution in preparing conceptual studies for the proposed Basic Science Classroom and Laboratory Building. Their work has progressed sufficiently to indicate that the earlier estimate of $4,040,000 for this project would not be adequate to cover the requirements for construction and equipment. Accordingly, Medical School officials, with the concurrence of the Chancellor, recommended that the estimated cost of the Basic Science Classroom and Laboratory Building be increased from $4,040,000 to $5,600,000. Of this revised total, it is expected that the direct construction costs would be approximately $4,306,500 which would average about $33 per square foot for the proposed gross area of about 130,500 square feet.
By means of a separate agenda item, it was also recommended that the proposed alterations to the Medical Science and Administration Buildings be deferred to 1969-1971. The net effect of these two adjustments would be to decrease the Board's total capital outlay requests for 1967-1969 by $180,000. On the basis of informal discussions with representatives of the Department of Finance and Administration, it is contemplated that the Governor's office will concur in these recommendations to modify the 1967-1969 capital outlay program presented to the legislature.

The Board approved the recommendations as presented.

Deferral of Alterations to Medical Science and Administration Buildings, UOMS

In view of the need to complete the construction of the proposed Basic Science Classroom and Laboratory Building at the University of Oregon Medical School prior to undertaking major alterations to the Medical Science and Administration Buildings on that campus, Dean Baird recommended, with the concurrence of the Chancellor, that the Board's capital outlay program for 1969-1971 be amended to defer the requests for $1,740,000 for the alterations work until 1969-1971. It is recognized that this project is essential to the proposal of the Medical School to increase the size of the entering class of medical students from 90 to approximately 112, but representatives of the federal government have suggested to institutional officials that it would be desirable to postpone the application for federal grant fund assistance for the alterations until after the construction of the Basic Science Classroom and Laboratory Building and the proposed addition to the Teaching Hospital has been authorized.

The Board approved the recommendation as presented.


At the April 1966 and March 1967 meetings of the Board, authorization was given to allocate approximately $600,000 of redirected auxiliary enterprises net income and student building fees to expedite the architectural and engineering planning of various capital outlay projects proposed for construction in 1967-1969. Some of these funds have been used for basic studies and preliminary plans. Allocations have also been made for the final planning of selected projects of relatively high priority in the Board's program for the next biennium.

Inasmuch as funds are available because additional federal grants have been approved for various projects now under construction, the Chancellor recommended that the appropriate Board officials be authorized to allocate approximately $325,000 more of the redirected auxiliary enterprises net income and student building fees for additional architectural and engineering planning. For example, it is contemplated that such funds would be used to finance revisions in the preliminary plans approved earlier for the Administrative Services Building at the University of Oregon, to complete the preliminary plans for science facilities at Portland State College, to authorize final planning of the Third Addition to the Science Building at the University of Oregon, the Bioscience Building at Oregon State University and the College Services Building at Portland State College, to undertake certain soil investigations
in connection with the final planning of various projects, etc. It was understood that, to the extent possible, the funds advanced for architectural and engineering planning would be reimbursed to the revolving revolving fund following legislative authorization for the construction of individual projects.

The Board approved the recommendation as presented.

Mrs. Johnson reported to the Board that a meeting of the Board's Committee on Academic Affairs was held in the Division of Continuing Education Building at 1633 S. W. Park Street, Portland, Oregon, on April 6, 1967, to consider the request of Oregon State University for authorization to offer Ph.D. programs in resource and physical geography and also the committee's recommendation to the Board with respect to Senator Don S. Willner's request that the Board support Senate Bill 31. Members of the Board present at the Committee meeting were: Mr. Chas. R. Holloway, Jr., President of the Board; Mrs. Elizabeth H. Johnson, Chairman of the Board's Committee on Academic Affairs; Mr. J. W. Forrester, Jr., and Mr. George H. Layman, members of the Committee; Mr. Philip A. Joss and Mr. Ancil H. Payne. Mrs. Johnson then asked Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, to present the Committee's recommendations.

The following curricular documents formed the basis of the Committee's and the Board's considerations and are considered an integral part of these minutes, although they are bound in a separate volume to accompany these minutes. All are dated April 24-25, 1967.

1. Report of the Meeting of the Board's Committee on Academic Affairs Held in the DCE Building, Portland, April 6, 1967

2. Oregon State University Request for Authorization To Offer Ph.D. Programs in Resource and Physical Geography

3. Report by the Board's Committee on Academic Affairs as to Recommended Board Action with Respect to Senator Willner's Request that the Board Support Senate Bill 31

Mrs. Johnson requested Dr. Romney to present to the Board the matters relating to academic affairs which required Board action.

The first item was the Oregon State University request for authorization to offer a program in physical and resource geography leading to the Ph.D. degree in the School of Science. Among the points made by Dr. Romney in presenting this request were the following:

1. Oregon State University has offered baccalaureate and master's degree programs in resource and physical geography for fifteen years, during which period they have awarded more than sixty master's degrees in these fields. Oregon State University is
not authorized to offer baccalaureate or master's degrees in other aspects of geography which are offered through the School of Humanities and Social Sciences at Oregon State University, and no authorizations in these other areas of geography are being requested by Oregon State University.

2. Physical and resource geography represent the only department in the School of Science at Oregon State University which is not now authorized to offer programs leading to the Ph.D. degree.

3. Oregon State University has extensive research and study resources at the advanced graduate level in a number of the departments of the School of Science and in a number of professional schools that relate very closely to the interests of physical and resource geography and whose resources would constitute a significant resource for the proposed Ph.D. program in physical and resource geography. Among these allied resources Dr. Romney cited the following: Agriculture (soils), Forestry (forest resources), Water Research Institute (water resources), Oceanography (ocean resources), and Meteorology.

4. One of the principal costs of launching the proposed programs would be the provision of staff time to supervise advanced graduate research. Some staff time could be diverted to this purpose as a result of the decision at Oregon State University to make the master's thesis in resource and physical geography optional rather than required, as in the past. Moreover, the dean of the School of Science has indicated to the Office of Academic Affairs that if the requested Ph.D. program is authorized Oregon State University, he will make available to the Department of Geography some resources which he would not otherwise do. Also, the department would expect to secure research support from federal and foundation sources, as have other areas closely related to resource and physical geography, (e.g. oceanography, water resources). Finally, the advanced graduate resources in these related fields will offer opportunities for resource and physical geography students.

5. The University of Oregon has a major allocation in geography with programs leading to baccalaureate, master's and doctor's degrees. Were it not for the highly developed advanced graduate research and study resources at Oregon State University in fields closely allied to resource and physical geography, it is likely that the committee would recommend against authorization of the requested Ph.D. program at Oregon State.

6. If the program is approved by the Board of Higher Education, the costs of the program would be met from Oregon State University's going-level budget.
Dr. Romney stated that having taken all of these and other matters into account and after extensive discussion of the proposal at the Committee's April 6 meeting, the Committee on Academic Affairs had voted to recommend to the Board that it approve the Oregon State University request for authorization to offer programs in resource and physical geography leading to the Ph.D. degree, effective with the 1968-69 school year. The Committee further recommended that if the Board approved the program, the heads of the Departments of Geography at the University of Oregon and Oregon State University consult, on a systematic basis, with a view to discovering ways in which the programs at the two institutions might more systematically make use of the best library and staff resources to be found on both campuses in the field of geography and closely allied fields.

After discussion, the Board approved the recommendation of its Committee.

Recommended Action re SB 31

The second item brought to the Board by the Committee on Academic Affairs was a report setting forth the Committee's views as to the nature of the action the Board should take in response to Senator Willner's request that the Board support Senate Bill 31. Senate Bill 31 provides that: (1) Not later than the beginning of the fall quarter 1969, the State Board of Higher Education shall cause to be initiated selected doctoral programs at Portland State College, (2) the name of Portland State College shall be changed to Portland State University on the date that the State Board of Higher Education declares that the doctoral programs required by this act is commenced or at the beginning of the fall quarter of 1969, whichever occurs sooner, (3) that there shall be appropriated to the Department of Higher Education out of the General Fund, $2 million for providing "the necessary faculties, staff and facilities for doctoral degree programs in science and related fields at Portland State College," (4) that there shall be appropriated to the Department of Higher Education for the biennium beginning July 1, 1967, out of the General Fund, the sum of $758,530 for immediate use to strengthen master's degree programs at Portland State College.

The Committee's recommendations to the Board were as follows:

1. That the Board affirm that if funds for higher education beyond those included in the Governor's budget are to be sought, the roughly $2.8 million included in the Board's "A" budget for three items (staff for Medical and Dental Schools, public service functions at Oregon State University in such fields as agriculture and forestry, and additional classified positions needed because of increasing enrollments), but not included in the Governor's budget, be sought first, in advance of the $2 million provided for in SB 31.
2. That the Board reaffirm its intention to continue to move vigorously in planning with Portland State College and the Board's Office for the strengthening of Portland State College's graduate programs, with a view to the development of a limited number of doctoral programs at Portland State College at the earliest date consistent with sound planning and the availability of funds. To this end, the Committee would envision the inclusion in the Board's 1969-1971 budget of funds which will provide for a limited number of doctoral programs to be developed and launched at Portland State College, perhaps by 1970-71 and certainly by 1971-72, in those fields in which the needs of a metropolitan area are most urgent.

3. That the Board express its appreciation to Senator Willner and the other sponsors of SB 31 for their interest in the support of the Board's plans for the development of Portland State College to full university status.

4. That the Board affirm that if the legislature makes available the $2 million requested by SB 31, the Board would utilize that sum for the purpose of moving Portland State College toward the ultimate goal, namely, the assumption of university status.

At the further request of Mrs. Johnson, Dr. Romney reviewed for the Board the steps taken by the Board to develop graduate programs at Portland State College on a systematic, orderly, planned basis.

Dr. Romney noted that the Board had included in its 1965-1967 budget request and received requests a "C" budget amount of $789,683, to upgrade Portland State College's programs and to permit the launching of selected master's degree programs and that included in the Board's 1967-1969 budget is a request for two "C" budget items for Portland State College, important to Portland State's developing graduate program: (1) $932,706 to correct relative deficiencies in level of support of Portland State College's existing programs, and (2) $747,373 to strengthen undergraduate programs in preparation for addition of master's programs and to permit launching of master's degree programs. Both of these amounts have been recommended in the revised state budget for 1967-1969. Including the master's degrees already authorized Portland State College and those which the Board would authorize under it 1967-1969 budget plan, Portland State College would have, at the end of the 1967-1969 biennium master's degree programs in three professional areas (social work, education, business administration) and in 12 liberal arts areas. It would have in addition, taken steps toward the launching of two additional master's degree programs, for which financing is recommended in the revised state budget.
Dr. Romney said further, that under the plans of the Committee on Academic Affairs, it was anticipated that Portland State College, and the Board's Office would develop in the immediate future further plans for expansion of Portland State College's graduate offerings in the 1969-1971 biennium; that these plans would be submitted to the Board's Office by January 1, 1968, and to the Committee on Academic Affairs, and subsequently to the Board, by March or April of 1968.

In the discussion which ensued, two principal questions were raised by Board members concerning the Committee's recommendations on Senate Bill 31. Mr. Payne expressed the feeling that the Committee's recommendations were unnecessarily negative. He stated that the Board need not be defensive or embarrassed about what it has accomplished at Portland State College. The Board's action is fully on schedule with its planned development of Portland State College's graduate study and research capabilities.

What SB 31 would provide, Mr. Payne said, was an additional $2 million beyond the amounts provided for higher education in the Governor's budget (which the Board is supporting) to be used to move Portland State College along faster toward university status. What in effect is being asked of the Board, said Mr. Payne, is the question whether, if the legislature were to make available $2 million beyond the amounts in the Governor's budget, the Board would be able to use the funds effectively in promoting the earlier introduction of doctoral programs at Portland State College than is presently planned by the Board. Mr. Payne stated that he thought it improper for the Board to respond that it would prefer to have the $2.8 million for the "A" budget items included in the original budget but excluded from the Governor's budget, in preference to the $2 million which SB 31 would make available for Portland State College's development. That, he said, is not the alternative before the Board. He said that he agreed that if the Chancellor or the Board were asked by the legislature, which would you prefer to have, the $2.8 million that was cut out of the Board's "A" budget by the Governor's budget, or the $2 million provided for in SB 31, the Chancellor and the Board should say they would prefer the $2.8 million for the "A" budget items. But this presentation of alternatives was not a likely development, Mr. Payne said. The real question before the Board in its consideration of SB 31, said Mr. Payne, is whether the Board is going to be supportive of persons who are hopeful of securing for the Board's $2 million beyond the amounts in the Governor's budget. Mr. Payne said that he interpreted the recommendations of the Academic Affairs Committee as saying, in effect, "No, the Board does not wish the $2 million which SB 31 would provide."

Mrs. Johnson, Mr. Forrester, and the Chancellor all expressed the feeling that Item 4 of the Committee's recommendations responded clearly to the question as to whether the Board would make use of the $2 million to step up its scheduled development of Portland State College's graduate programs. Moreover, they affirmed, that
it was entirely appropriate for the Board to suggest that if funds beyond those provided in the Governor's budget are to be provided for higher education, that the "A" budget items earlier identified be funded before the funds called for in SB 31 are provided. For these "A" budget items were developed to permit the maintenance of present levels of operation in the State System, and were a part of a carefully planned and integrated budget prepared by the institutions, the Board's Office and the Board over a period of many months.

The second question raised concerning the Committee's recommendations as to Board action on SB 31 had to do with recommendation No. 2. Mr. Joss felt that something more specific should be included concerning the kinds of doctoral programs that should first be developed at Portland State College. It was his feeling, he said, that these programs should reflect the long-time and persistent interest of Governor Hatfield, the two SENT committees, the Portland City Club, and others that these programs should make a signal contribution to the economic development of the state and the Portland area, specifically.

Mr. Joss suggested that the Committee's recommendation No. 2 should include a statement to the effect that in the development of graduate programs at Portland State College consideration should be given to programs in those scientific, economic and other fields in which the needs of the state and the Portland area are most urgent. He stated, further, that he did not find anything antagonistic between recognizing scientific and economic needs in particular areas of the state, brought out by those who are most interested in developing and expanding our economy and our resources, and the original concept of the land-grant institutions whose primary function was research, study and development of the agricultural resources of the state. Mr. Joss further observed that no university should be forced quickly into developing an area or discipline where it does not have resources, but that consideration should be given at Portland State College to the areas having to do with scientific and economic developments.

Asked to comment, President Millar responded that in his opinion the cities of the country have not decided what their greatest needs are, and that the spectrum of problems with which cities have to deal involves so many disciplines that it would be difficult to zero in directly and exclusively on "city" problems.

The hour being late, President Holloway suggested that the Board would continue its discussion of the Committee's recommendations on the following day modified to whatever extent the Committee felt it useful to modify them. The discussion appears later in these minutes.
The meeting was recessed at 3:00 P.M., April 24, 1967, and reconvened at 9:00 A.M., April 25, 1967, with the following Board members present:

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

Absent: Mr. George H. Layman and Mr. Ray T. Yasui were out of the state.

Budget Addition for Equipment, OCE
President Rice, with the concurrence of the Chancellor, recommended a budget addition of $12,000 to match in part a grant under Title VI of the Federal 1965 Higher Education Act for the purchase of equipment principally for instruction. President Rice has indicated that Oregon College of Education will complete the matching from funds available in the Oregon College of Education budget for equipment purposes.

The Board approved the recommendation as presented.

Budget Addition for Maintenance of Nuclear Reactor Building, OSU
President Jensen recommended with the concurrence of the Chancellor, an addition of $6,716 to the operating budget of Oregon State University, to provide for physical plant operating and maintenance costs for the Nuclear Reactor Building.

This building was financed for construction by the 1965 Legislature but no operating funds were provided for the current biennium. It was accepted from contractors in November 1966. The $6,716, to be provided from the Board's Unappropriated Fund, represents eight months' cost of operations during year 1966-67.

The Board approved the recommendation as presented.

Report of Meeting of Committee on Finance and Business Affairs
On April 7, 1967, the Board's Committee on Finance and Business Affairs met in the Division of Continuing Education Building, 1633 S. W. Park Avenue, Portland. Committee members present were Mr. Ancil H. Payne, Chairman, and Mr. Chas. R. Holloway, Jr. Other Board members present were Mrs. Elizabeth H. Johnson, Mr. Philip A. Joss, and Mr. J. W. Forrester, Jr. Also in attendance were the Chancellor, the Vice Chancellor for Business Affairs, the Comptroller, Budget Director, executives and business officers of several institutions, members of the staff of Ernst & Ernst, Mr. Ray Field of the Office of Secretary of State, and Mr. James E. Caldwell of the Department of Finance and Administration.

The Committee considered the November 21, 1966, report of Ernst & Ernst, Certified Public Accountants, entitled "Review of Accounting, Budgeting, and Data Processing Activities of the Oregon State Board of Higher Education." It reviewed the appended Schedule I, entitled "Accounting, Budgeting and Data Processing," relating to the Ernst & Ernst report, and also the contents of Exhibit A. Both Schedule I and Exhibit A are to be considered as an integral part of the report of the Committee for incorporation in the minutes of the Board.
The Committee endorsed the following recommendations of the Chancellor:

1. That the recommendations contained in the Ernst & Ernst "Review of Accounting, Budgeting and Data Processing Activities of the Oregon State Board of Higher Education" of November 21, 1966, be adopted, subject to modification and refinement as further review and experience dictates, except as noted below.

2. That the data processing program for the Comptroller's office is to relate to fiscal and property accountability and is to be in conformity with established accounting principles. Records to be provided would include those relating to:
   a. Preparation of payrolls and payment of earnings.
   b. Obligating of departmental funds for purposes other than salaries or wages, subject to encumbrance approval of the Comptroller.
   c. Expenditure of funds, appropriately coded.
   d. Financial transactions for individual students, including deposits, board and room, loans, etc.
   e. Other transactions (investments, property accounting and general accounting).

3. That the Comptroller's office is to have a master computer installation at Corvallis. Staff members performing audit functions, in accordance with recognized accounting practices, are to be located at the larger institutions and at other institutions if feasible, and are to transmit financial information to the master computer.

4. That information, nonfiscal in nature, such as that pertaining to student registrations, assignment to classes, admissions, grades, etc., are not to be recorded by he Comptroller's office. When an institution desires data processing information for these types of records, service arrangements may be entered into with the Comptroller's office.

5. That further consideration be given to the Ernst & Ernst recommendations to modify the authority of institutional executives to transfer funds between various budget accounts and classifications.

6. That implementation of the Ernst & Ernst recommendations is subject to the 1967 Legislature appropriating sufficient funds to recognize the increased initial outlay to develop the new program and simultaneously to perform operations under both the existing and proposed new programs. A request for a "C" budget item for $350,000 is being considered by the 1967 Legislature. The Ernst & Ernst financial projections of
additional funds required to be added to the appropriation for the next biennium to implement the recommendations contained in its report are now being compiled. Upon completion thereof, appropriate report is to be made to the Board.

7. That if the proposed statutory implementation of the "Centralized Accounting System" of the Secretary of State results in additional cost to Higher Education, or if less cost were to be incurred in any phase of present operations, that the Chancellor be authorized to seek appropriate adjustment of the appropriation requests of the Board for the 1967-1969 biennium.

Subsequent to the Finance Committee meeting, Ernst & Ernst has provided the "Estimated Implementation Costs" for the 1967-1969 biennium to be $390,000. The Chancellor recommended that the $350,000 contained in the Board approved "C" budget be reaffirmed.

The Chancellor said that in presenting the Ernst & Ernst report to the Ways and Means Committee of the Legislature, he had discussed the following benefits which had been anticipated if the Ernst & Ernst report were implemented:

1. The development of the central computer processing system for financial data rather than several individual institutional computer processing systems should provide economies.

2. Implementation of the report would permit central and timely recording of encumbrances. Currently, encumbrances are not recorded centrally and are not timely. Usually said reporting has only occurred at the end of a fiscal year.

3. The transfer of many documents from the institutions to the Board's Comptroller's Office in Corvallis will be eliminated. The information on these documents will be transmitted in machine-readable form to the central computer, but the document will remain near the point at which it originated.

4. The encumbrances and the disbursement documents will be audited near the source and checked for the correctness of the data transmitted to the central processing computer, thus facilitating the ready exchange of information and the elimination of any problems that might develop.

5. The system could be readily integrated into the central accounting system which is being developed by the Secretary of State's office.

6. It is presently expected that with full funding approximately four years time will be required for the development of a new system and the simultaneous operation of both the new and the old systems during such time as may be necessary. It is anticipated that thereafter the cost of handling the workload then required would be materially less than if the present procedures were followed in handling the enlarged workload.
The present estimate of the potential annual savings approximates $350,000-$500,000.

Mr. Bork commented that the Ernst & Ernst report proposed that there would be one individual to coordinate the purchasing policies of the various institutions and to coordinate these policies with the state purchasing policies. He said it definitely is not intended that the Board's Office would be responsible for the actual purchasing of materials nor the review and approval of every requisition from the standpoint of approving the individual requests for specific items. However, he pointed out that modifications in this part of the Ernst & Ernst report could occur if the state program for central accounting is adopted as it is presently formulated. Under this program there appears to be substantial delegation of authority from the State Purchasing Department to numerous state agencies possibly including the Highway Commission and the Department of Higher Education.

Mr. Payne said that in discussing the report there was concern that as much local control as possible could be preserved in the use of the computer systems.

The Chancellor indicated that Ernst & Ernst had recommended that the Comptroller's Office be responsible for data processing equipment management problems both with regard to fiscal records and also with regard to educational records. However, the Chancellor said that he had not followed that Ernst & Ernst recommendation in this regard but had recommended that the computer system operations at those institutions large enough to justify installations for internal non-fiscal management would be under the control of the institution, with the input-output devices at the institutions related to the financial records under the control of the Comptroller's Office.

The Board approved the recommendation that the $350,000 contained in the Board's "C" budget request for the computer system be reaffirmed with the understanding that this also included a full endorsement of the Chancellor's recommendations which would put the Ernst & Ernst report into effect.

Schedule I and Exhibit A referred to in the above report appear on the following pages.
ACCOUNTING, BUDGETING AND DATA PROCESSING

Pursuant to report made to the Board at the January 24-25, 1966, meeting, the national firm of certified public accountants, Ernst & Ernst, was employed to review present practices and provide recommendations, including but not to be restricted to the following:

1. Accounting, financial
2. Budgeting
3. Data Processing

Personnel of Ernst & Ernst have met on several occasions with the Chancellor, Institutional Executives, Business Managers, the Comptroller, the Vice Chancellor for Business Affairs, the Secretary, and others. They also have consulted with the Interinstitutional Committee on Computer Activities of Higher Education and personnel of the Department of Finance and Administration.

In formulating its program, the firm has conferred with the staff of the Office of the Secretary of State and has given recognition to the program detailed in the report entitled "Centralized Accounting System for State of Oregon," prepared by Secretary of State Tom McCall pursuant to Oregon Laws 1965, Chapter 555. (The recommendations contained in said report affecting higher education are summarized in the accompanying Exhibit A.)

Ernst & Ernst prepared a report entitled "Review of Accounting, Budgeting, and Data Processing Activities of the Oregon State Board of Higher Education," which had a transmittal letter included therein dated November 21, 1966. Copies of said report were sent to Board members on November 25, 1966.

There are summarized hereafter the most significant recommendations contained in the November 21, 1966, Ernst & Ernst report and comments thereon.

Recommendations of Ernst & Ernst and Comments of Vice Chancellor for Business Affairs

I. Organization.

A. Financial officers' responsibility and authority for applicable recording and reporting are to be clarified and strengthened.

Comments: The Administrative Code of the Board is now being reviewed and revised. It thereafter will be recommended to the Board for adoption. Included therein will be appropriate delineation of responsibilities of chief centralized administrators.

Institutional executives, under authority they already possess, will take such action as appears appropriate for personnel of the institution concerned.
B. Institutional personnel processing officer. The recommendation is made that institutions centralize personnel responsibilities in an appropriate office for all categories of employees, such as the academic staff, the classified staff and student employees.

Comments: The type of institutional organization pertaining to personnel relations is the responsibility of the executive and is not uniform at all institutions. The Chancellor's office will collaborate with the institutions, particularly in order to have comparable information available for the academic staffs for budget preparation and analysis under the general direction of the Budget Officer of the Board. Financial reporting and recording for the classified personnel is intended to be handled on a systemwide basis by data processing procedures in the Comptroller's office (involving, for example, recording of hours of work during a designated period of time, vacation time earned and granted, sick leave time earned and granted, overtime, etc.).

C. Chief Purchasing Agent. Ernst & Ernst recommends the appointment of an individual to monitor and coordinate higher education purchasing activities in collaboration with the state purchasing organization.

Comments: The creation of the position is recommended, subject to moneys being provided by the 1967 Legislature as detailed hereafter. The individual would not be responsible for actual purchasing nor would there be a central purchasing organization.

D. Chief Auditor, to direct personnel of the Comptroller's office who are located at the institutions. Objective is to assure the review of the in-put information to be recorded in the Comptroller's office centralized accounting system.

Comments: Board's Office concurs.

II. Data Processing.

A. Centralized organization for data processing for instruction and research is to be separate from that for management purposes.

Comments: The management function for fiscal affairs should be separated from that for nonfiscal affairs, insofar as the data processing program is involved.

B. Comptroller's office is to be responsible for data processing operations except for instruction and research.

Comments: The data processing program of the Comptroller's office is to relate to fiscal and property control and accounting. Student management records, nonfiscal in nature, would not be under its supervision. Data processing operations would involve student fiscal records pertaining to loans, safekeeping funds, board and room, deposits, etc., separately for each student.
C. Computer network is to be established. Master computer is to be at
Corvallis office of the Comptroller, with three connecting branch service
computers, under his control, at Portland, Corvallis, and Eugene. Fiscal
accounting information is to be processed by connecting branch computers
with master computer. Student records and other nonfinancial data are to
be processed by branch computer or fed into master computer, as deemed
most appropriate.

Comments: It is proposed that the Comptroller's office data processing
installation be designed for fiscal management purposes but not for educa-
tional management purposes, such as those relating to students, etc.
Consequently, small or medium sized branch service computers under the
Comptroller are not expected to be installed at Portland, Corvallis, and
Eugene. Other means of transmission of information probably will be
developed.

D. Disbursement auditors of the Comptroller's office are to be located at the
institutions. There would be an appropriate accounting review of documents
pertaining to encumbrances and disbursements and of other fiscal papers
prior to transmittal of information through the branch computers to the
master computers in the Comptroller's office at Corvallis.

Comments: As noted above, the transmittal of encumbrance, disbursement
and other fiscal information can be provided by means other than small
or medium sized branch service computers. It does not appear necessary
to have branch computers inasmuch as the Comptroller's office is not
required to process nonfinancial information, except on a service bureau
basis.

E. Data processing equipment is to produce the final operating budget document.
The contents of budget changes would be transmitted daily to the Com-
troller's office. The up-to-date budget file is to be the basis of preparing
the monthly payroll of salary staff.

Comments: The adoption of the recommendations would be helpful.

F. Computer account is to be maintained at the Comptroller's office for
each student for daily recording of financial transactions, such as
those relating to loans, deposit and safekeeping funds, board and room,
etc. It is suggested that the student's social security number be used
for student record control and identification.

Comments: This program of daily recording is similar to that of
commercial banks.

G. A one-check payroll plan should be established whereby many employees
authorize the depositing of their earnings with a bank and one check
is drawn in favor of the bank for the total of said assigned earnings.

Comments: The program will be inaugurated because of the 1967 Legis-
lative enabling act contained in Chapter 69, Oregon Laws 1967.
H. Consideration should be given to the feasibility of paying for purchases limited to an established maximum value, thereby eliminating invoicing by the vendor and subsequent handling of purchase order and matching invoice documents.

Comments: Proposal will be studied and, if deemed feasible, legislation will be sought at a later date.

I. Equipment inventory procedures should be reviewed and thereafter possibly eliminate inventory records for numerous small cost items, and also possibly eliminate punch card files. Investigation should be made of stores inventories procedures to eliminate small cost items, such as those in physical plant stores departments. Greater mechanized control of inventories should be exercised.

Comments: Appropriate study will be made.

III. General Budget Recommendations

A. Budget for each institution is to include an amount for each budget unit, such as a department, and for each object classification, as at present.

Comments: Board's Office concurs.

B. The budget program for each institution is to provide for line item control. Modifications also are suggested to the existing authority of institutional executives to make budget transfers.

Comments: Further consideration will be given to the proposal involving the established policies of the Board which permit institutional executives to make transfers within the budget total of the institution.
CENTRALIZED ACCOUNTING SYSTEM FOR STATE OF OREGON

Pursuant to Chapter 555, Oregon Laws 1965, Secretary of State Tom McCall has prepared the December 1966 report entitled "Centralized Accounting System for State of Oregon." The significant recommendations therein insofar as Higher Education is concerned include the following:

1. Financial transactions and fiscal affairs of the state and its various agencies are to be recorded and appropriately accounted for in the Centralized Accounting System in summary or in detail in accordance with generally accepted accounting principles. The central control accounting disbursement and other records, presently maintained by the Secretary of State, will be transferred to the Department of Finance.

   Comment: Apparently, Higher Education would directly control its accounting, pursuant to policies established by the Department of Finance, but would report data to said department for incorporation in the Central Accounting System and in reports of the state.

2. Accounts are to be maintained in balanced fund groups, such as for general operating funds, property and plant funds, trust and agency funds, etc.

   Comment: Higher Education now recognizes various balanced fund groups, although they differ from those recommended by the Secretary of State.

3. Preauditing of claims by the Secretary of State would be discontinued and replaced by a suitable machine program operated by the Department of Finance.

   Comment: There apparently would be a substantial delegation of the responsibility to Higher Education.

4. Centralization of purchasing and invoice payment in Department of Finance would be established for most agencies, and decentralization to a few agencies.

   Comment: Higher Education apparently would establish a purchasing organization. Invoice payments would be made direct to vendors by Higher Education.

5. Accounting work to be performed by a computer system would be operated in the Department of Finance.

   Comment: Higher Education would directly operate a computer system with transmittal of information as requested to the central computer system in the Department of Finance.

6. State budgetary process is to be extensively revised and recorded in the computer system.

   Comment: Apparently Higher Education would be responsible for this aspect of computer operation.
7. Members of the legislature would have access to complete financial information through systems of reports.

Comment: Apparently, the program provides for detailed reports for direct management in a state agency such as Higher Education; less detailed reports to meet the needs of the Department of Finance; and probably more general reports for legislators.

8. Accounting system is to provide for encumbrance system to the extent practicable.

Comment: It is not completely clear as to the circumstances under which the encumbrance system would be considered impractical. Possibly exemption from the encumbrance recording system would apply to "benefit funds" involving expenditures of the Public Employes' Retirement System, benefit payments of the Industrial Accident Commission, etc., similarly for various loan funds. Higher Education encumbrance system is now operated at each institution, and probably, generally, at the departmental level.

9. Distribution of earnings on investments of various funds is to be made in such a way that the income accrues to the benefit of the fund concerned. At present the state General Fund receives earnings which might hereafter be distributed to numerous other funds.

Recommendation is also made for allocating General Fund administrative costs to departments and agencies. Involved would be distribution of costs of the Legislature, Department of Finance, Department of General Services, State Treasurer, Secretary of State, and Attorney General.

10. Computer system and communication linkages are to be operated by the Department of Finance.

Comment: Apparently, Higher Education would directly operate its system with connection with the computer installation located in the Department of Finance, and with daily reporting.

11. A method of installing the system pertaining to budgetary control and revenue and expenditure accounting to be operative July 1, 1969, is proposed. Responsibility is to be in the Department of Finance.

12. Accounting system would be on an accrual basis with recording to be made of encumbrances. Heretofore, expenditures have been accounted for almost wholly on a cash disbursements basis.

Comment: This might materially affect Higher Education statements and budgets.

13. System of financial reports is to incorporate comparisons of budget estimates and actuals.

14. Budget design and accounting system should be such that accurate cost accounting practices are encouraged rather than discouraged.
15. Reference is made to the Ernst & Ernst report for Higher Education. The view was expressed that, if Higher Education were to adopt the budgeting accounting and data processing program outlined in said report, the information on financial operations of Higher Education could readily be incorporated in summary form into the Central Accounting System. View was expressed that there would be a material reduction in document handling at the Comptroller's office and the Department of Finance at Salem.

16. Budget preparation and review processes at the state level would be converted to computer programs. The preparation would include mathematical programming to deal with maximizing and minimizing functions.

17. Department of Finance would be responsible for all accounting matters for the state government. Its accounting judgment would be controlling except for legislative authority and the auditing performed by the Secretary of State.
Meeting #356-38

Revised Lease of Property to Federal Government for Greenhouse Facilities, OSU

At the July 25-26, 1966, meeting, the Board authorized the leasing to the federal government of a 7,000 square foot tract of land for the construction of a greenhouse and related facilities for the Pesticides Regulation Division of the U. S. Department of Agriculture. Among the provisions of the lease was one which provides that if the government did not erect the facilities or failed to maintain the facilities during the two-year period, the lessor could terminate the lease. The federal government has now indicated a reluctance to sign a lease with this provision. Inasmuch as the facilities have been constructed, the only point at issue is the maintenance of the structure during the term of the lease.

President Jensen, with the concurrence of the Chancellor, recommended that the Board authorize the deletion from the lease of that provision which allows the state to terminate the lease upon two years' nonmaintenance of the facilities.

The Board approved the recommendation as presented.

Modification of Lease to Portland Center for Hearing and Speech, Inc., for Site of Building and Parking Lot, UOMS

At the June 14-15, 1966, meeting, the Board authorized the modification of the December 31, 1960, lease to the Portland Center for Hearing and Speech, Inc., to include a strip of land 15 feet wide and 120 feet long approximating .0408 of an acre to permit the organization to expand the existing building. The City of Portland now requires the Center to obtain additional land to provide necessary off-street parking.

Dean Baird, with the concurrence of the Chancellor, recommended that an additional strip of land 25 feet wide and 150 feet long, more or less, be leased to the Center on the same terms of the June 1966 modification, the essential features of which would be as follows:

1. That the additional .1257 of an acre will be added to the original lease of .47 of an acre, which lease terminates December 31, 2010.

2. That the lessee agrees to construct, equip, and furnish the additional facilities at its own cost, the plans and specifications for which shall be developed in cooperation with and subject to the approval of the Board.

3. That the lessee further agrees that future structural alterations will likewise require the approval of the Board.

4. That all other terms of the original lease agreement arc to remain in effect.

The Board approved the recommendation as presented.
Oregon State University owns substantial acreage on the north side of Oak Creek west of 43rd Street, Corvallis. On the south side of the creek, however, the University owns several small narrow strips of property adjacent to the creek.

In connection with a proposed sale, Oregon State University officials were recently made aware of the fact that a property owner, Mr. Albert L. Epperly, had constructed his residence on a portion of Oregon State University's property in this area. State property affected contains about 3,950 square feet and is a long triangularly shaped parcel. Mr. Epperly has offered to pay $185 for a Quit Claim Deed to the property, which amount represents the land value of $150, plus costs to the Board of the sale. A similar problem in this area was resolved in this same manner about seven years ago.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to appropriate Board officials to execute the Quit Claim Deed for the sum of $185.

The Board approved the recommendation as presented.

Vice Chancellor Sherburne reports a net decrease of $151,273 in estimated student fee and service fee income for year 1966-67 in the Division of Continuing Education, due to enrollments less than estimated in the original budget. He recommended that expenditure budgets for year 1966-67 be reduced in the Division by an equivalent amount in accordance with the reduced amount of activity. Net expenditure reductions were recommended as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuation Centers</td>
<td>$ (228,769)</td>
</tr>
<tr>
<td>Educational Media, Audio-Visual Services, increase</td>
<td>20,000</td>
</tr>
<tr>
<td>Independent Study, increase</td>
<td>1,079</td>
</tr>
<tr>
<td>Business and Industry</td>
<td>(2,000)</td>
</tr>
<tr>
<td>University Extension, increase</td>
<td>84,917</td>
</tr>
<tr>
<td>Business Affairs</td>
<td>(3,000)</td>
</tr>
<tr>
<td>Equipment Replacements</td>
<td>(1,000)</td>
</tr>
<tr>
<td>Service credits, mailing</td>
<td>(22,500)</td>
</tr>
<tr>
<td><strong>Total net reduction</strong></td>
<td><strong>$ (151,273)</strong></td>
</tr>
</tbody>
</table>

The Board approved the recommendation as presented.

In the discussion of the reasons for the decreased enrollments in the Division of Continuing Education, Mrs. Johnson requested that there be a study session of the Board's Committee on Academic Affairs to discuss a number of aspects of the Division of Continuing Education, including its relationship to the community colleges and the federal cooperative extension.

The Chancellor indicated that he had tentatively recommended to the President of the Board that an ad hoc committee of the Board be created for the purpose of assisting the Division of Continuing Education as it adjusts to some of the changes that are occurring.
In order to improve the broadcast signal of KGW, Channel 8, in the Corvallis area, King Broadcasting Company has requested permission to install a television translator consisting of two cabinets of electronic devices to be located in the KOAC-TV transmitter building, and transmitting and receiving antennas to be located on the television tower. Division of Continuing Education personnel have negotiated an agreement with the firm, the essential features of which follow:

1. King will pay the Division of Continuing Education $44 per month, payable annually in advance. Said payment will cover the use of space, facilities and power cost.

2. The Division of Continuing Education will provide operating personnel as necessary to maintain the equipment during hours when KOAC-TV is in operation and will allow personnel of the Company to service the facilities during hours when KOAC-TV personnel are not at the transmitter site. In the event Division of Continuing Education personnel are used, the Division will be reimbursed for the payroll costs, including applicable overhead.

3. The agreement is to remain in effect for ten years unless earlier terminated for any reason by six months' written notice from either party to the other. The six-month period is essential to allow the Company to continue broadcasting to viewers in the area while a new site is located.

4. The Company shall have the right of ingress and egress to and from the transmitter site.

5. The Company agrees to construct and install the translator in such a fashion as to cause no electrical interference with the operation of KOAC-TV.

6. The use and occupancy of the property by the Company will not cause any added expense to the Division, and the Company agrees to indemnify and hold the state harmless from liability arising from the Company’s use and occupancy of the property.

Vice Chancellor Sherburne, with the concurrence of the Chancellor, recommended that authorization be given to appropriate Board officials to execute an agreement with King Broadcasting Company along the lines indicated.

The Board approved the recommendation as presented.

Mr. Payne absented himself from the meeting during the discussion of the above item due to a conflict of interest.
President Holloway announced that the next regular meeting of the Board would be held on June 13-14, 1967, at Eastern Oregon College, La Grande, Oregon.

Mr. Holloway also announced that the designation of Board members to represent the Board at the institutional Commencement exercises would be completed shortly and that Board members, the Board's Office and the institutional executives would receive notification of the specific appointments within the next few days.

The report of enrollments for spring term 1967 was distributed. The Chancellor mentioned that the enrollments for 1966-67 would be very close to the estimates as revised following the 1965-66 enrollment experience. The spring term enrollment is 5.8 percent above spring 1966 whereas the fall and winter terms were 4.2 percent above the enrollments in those terms a year ago. At Portland State College the enrollment for spring term is 2.3 percent above last spring term although the fall term enrollment this year was below that of the 1965-66 academic year.

The Chancellor also stated that there is a continuation of the trend which shows an increasing number of women entering higher education.

The Chancellor reported that there have been several hearings on sections of the operating budget and that the initial hearings on the capital construction budget were scheduled later in the week.

The Chancellor said that Mr. Payne and Dr. Luke Lamb, Director of Educational Media, Division of Continuing Education, had attended the Second National Conference on the Long-Range Financing of Educational Television Stations on March 5-7, 1967, in Washington, D. C. At this meeting recommendations were developed which the conference asked the governing bodies to examine and hopefully to endorse. Copies of the recommendations were distributed and the Chancellor asked Mr. Payne to comment on the desirability of Board action endorsing the recommendations of the conference. The conclusions of the conference appear below:


"The Conference further agrees and/or recommends:

1. that educational television stations should be increased in number and strengthened, with additional funds made available not only for facilities but also for broadcast operations;
2. that a Public Television Corporation, insulated from improper influence, is required, and that such a Corporation be essentially non-operational in nature;

3. that strengthened sources of national programming, responsive to regional and local needs, are essential;

4. that there be grants to stations for programming of more-than-local interest, with the number of such grantees determined by evolution rather than design;

5. that general support to local stations for local programming be afforded, possibly as a regular source of program funds;

6. that Corporate and Congressional help for interconnection be encouraged immediately, for both networking and distribution, and for all stations;

7. (8. and 9.) that the Corporation should support research development in programming, production, and technical experimentation, and that a major program for educational training and recruitment of personnel should begin immediately;

10. that, for Corporation support public funds from sources insulated and, as far as possible, diversified are necessary; the specific sources of such funds are not properly the concern of the Conference;

11. that new legislation for station support is required and should be applicable to total systems and to all stations;

12. and lastly that a study of instructional broadcasting, comparable in scope and authority to the Carnegie Commission's study is needed immediately; and that continuing current effort must be made to enlighten educational administration at all levels regarding the role of broadcasting in formal education."

Mr. Payne pointed out that there has never been adequate financing of educational television to enable it to be used to its greatest potential. One of the first acts to provide financing for educational television was the Magnuson bill which provided support for institutions to undertake the construction of facilities.

Nation-wide financing of educational television is not consistent with any one particular pattern. Sometimes it is done through an association in the community, other times it is financed through a board of education or board of higher education, in some cases it combines all of these methods, while in others it is partly commercial and partly educational.
Meeting #356-43

As a result of the need for additional funds, two reports have been prepared, one by The Ford Foundation and the other by the Carnegie Foundation. The Carnegie report entitled, "Public Television, A Program for Action," suggested that "educational television" be changed to "public television" and that through the instrumentality of certain corporate bodies to be established by the Congress, the governmental corporation would be established somewhat similar to the Tennessee Valley Authority. There would be a method of raising funds which would provide a continuing and rather high level of income. The Carnegie report suggests a tax on the sale of television sets.

Mr. Payne said the reports of the Carnegie and Ford Foundations differ appreciably and there are many points in each report with which many people in educational television differ. The conference was called to give complete support for the Carnegie report and the conference unanimously agreed to do so.

Mr. Payne said he believed it was incumbent upon the Board as an organization to support the Carnegie Commission report with the hope and desire that the Congress would then act in such a way as to stabilize educational television with funds made available to the association outside the regular legislative review which would be necessary if the funds were provided by a direct appropriation of Congress. He said he believed this was one of the only ways by which educational television will be allowed or encouraged to grow to its full expectations.

Approximately $65 million would be provided for the support of two manufacturing centers for material and the educational net would continue. This plus support for distribution, individual support from the Higher Education Facilities Act, and other income could make educational television a splendid adjunct to the communications system.

In response to a question regarding distribution of the funds, Mr. Payne stated that the report had attempted to stay away from the intricacies of this problem. However, he anticipated the main discussion would be whether the moneys from the proposed tax on television sets should go into the general fund and be appropriated with the review of Congress. Proponents of this arrangement question why any one publicly-financed activity should be exempt from the regular review of the legislative body of Congress. On the other hand, the opposition advances the argument that there are difficulties in having a regular legislative review of the appropriation for a media which may be doing its best work when it is criticising the legislators who make the appropriation. Mr. Payne indicated that for this reason he preferred the tax on television sets as a source of revenue. The tax on receiving sets also has merit because the income is regular, reasonable and continuous and it is related to the product being provided.

The Chancellor then recommended that the Board take a supportive position on the Carnegie report.
It was moved by Mr. Payne and seconded by Mr. Forrester that the Board vote in support of the Carnegie Commission report "Public Television, A Program for Action," and encourage full support of legislation making this effective at the Congressional level.

The Board approved the motion as presented.

The Chancellor said that Mrs. Johnson, Mr. Snider, and Mr. Layman had attended the recent meeting of the Association of Governing Boards in Urbana, Illinois, and he asked Mrs. Johnson to present her comments on the meeting.

Mrs. Johnson said that the theme of the conference was "Critical Issues in American Higher Education." She said that the Association of Governing Boards now includes not only public colleges and universities, but private colleges and universities, many of which have religious affiliations. This made it necessary to consider the issues from a number of views. She indicated that the speakers covered the following points:

1. Critical Issues Affecting the Large Colleges and Universities
2. Critical Issues Affecting the Small Liberal Arts College
3. Critical Issues Affecting the Catholic Institutions
4. Critical Issues Affecting the Junior College
5. Critical Problems Facing Trustees

Mrs. Johnson indicated that Dr. David Henry, President of the University of Illinois, in his address focused on four topics which he believed were critical to large state-supported universities. They were:

1. Finance as related to the funding of the special obligations of the public university.
2. Institutional problems in the coordination of state universities and state-wide planning.
3. New aspects of the public service role of state universities.
4. New issues in the public relations of state universities.

Dr. Leland L. Medsker of the Center for the Study of Higher Education, University of California, discussed the growth and development of the junior colleges indicating that in 1966 there were 837 junior colleges in the nation, of which 272 were private institutions and the rest were publicly supported. He predicted that states should expect junior colleges to take 50 percent of the students who are going to enter college for the first time. He also pointed out that the national goal is to provide the thirteenth and fourteenth year of education in some form. He said the community colleges are here to stay and their purpose is to make education available to all youth and adults who can profit from it.
Dr. Medsker identified four problems of the junior colleges:

1. The difficulties they have in establishing an image. This image relates to admission, the type of work offered, and whether they are an extension of high school or a lower division of higher education. The current trend seems to be toward a closer affiliation with higher education.

2. What should be its approach to teaching since only one-third of those who indicate an intention to transfer to a four-year institution actually do so.

3. Lack of understanding by the public and determining the proper governing body for the junior colleges.

4. Articulation to the high schools on one side and to the colleges on the other.

Mr. Arnold Grant, Attorney at law, New York, and trustee of Syracuse University, suggested that business methods might be used effectively in getting the story of higher education and its needs across to the public. He also suggested that businessmen might be of help in the relationships with legislators.

Dr. Robert Burdahl of the American Council on Education discussed state-wide coordination, particularly the quality of the staff and the kind of consultation being done between the coordinating boards and the institutions within the system. The discussion group on this topic considered the following questions:

1. What means can be devised for consultation between the institutions and the state board or commission before decisions are taken by that board or commission?

2. Should state boards or commissions be the responsible state agencies for dealing with federal government programs such as state technical programs, the Higher Education Act of 1965, the Higher Education Facilities Act, and so forth?

3. What arrangements can be made to provide for administration of the vocational aspects of junior college or technical institute programs vis-a-vis the state board or commission?

4. What special competencies are needed for the staffs of state boards or commissions.

Mr. Snider then reported that Mrs. Johnson was elected to the Executive Committee of the Association of Governing Boards.
On April 25 the Committee had available a mimeographed statement of its recommendations of the previous day, modified slightly to bring recommendation No. 4 forward, placing it, in a slightly modified form, immediately following recommendation No. 1, and providing for a slight modification of recommendation No. 2 in accordance with Mr. Joss' interest in having something said as to the general nature of the fields that should be considered in the selection of the doctoral programs first to be launched at Portland State College. The Committee's restatement was amended, with the modified version being read by Chancellor Lieuallen at the request of Mrs. Johnson, as follows:

**Recommended Action**

The Board's Committee on Academic Affairs recommends:

1. That the Board affirm that if funds for higher education beyond those included in the Governor's budget are to be provided, the approximately $2.8 million included in the Board's budget for the above three items (staff for Medical and Dental Schools, public service functions at Oregon State University, additional classified positions needed because of increasing enrollments), but not included in the Governor's budget, should be given highest priority. In addition, the $2 million requested by SB 31, would be effective for the purpose of moving Portland State College more rapidly toward the ultimate goal, namely, the assumption of university status.

2. That the Board intends to move vigorously in planning with Portland State College and the Board's Office for the strengthening of Portland State College's graduate programs, with a view to the development of a limited number of doctoral programs at Portland State College at the earliest date consistent with sound planning and the availability of funds. To this end, the Board would envision the inclusion in the Board's requested budget for 1969-1971 of funds which will provide for a limited number of doctoral programs to be developed and launched at Portland State College, perhaps by 1970-71, and certainly by 1971-72. The Board would anticipate that in the selection of the fields for the development of graduate studies at Portland State College, consideration would be given to scientific, economic, and other fields in which the needs of the state in the Portland area are most compelling.

3. That the Board express its appreciation to Senator Willner and the other sponsors of SB 31 for their interest in the support of the Board's plans for the development of Portland State College to university status.

Mr. Joss moved the adoption of the foregoing recommendation. Mr. Payne seconded the motion.
Dr. Purvine asked Mrs. Johnson for clarification as to the meaning of the words in recommendation No. 1 to the effect that funds for support of the three items identified there at a cost of $2.8 million "should be given highest priority." "Highest priority over what?" asked Dr. Purvine. Chancellor Lissaliden responded that it was meant that funds for these three "A" budget items should be given highest priority over any other proposals for additions to the Governor's budget. Mr. Payne then expressed his satisfaction with the recommendations now before the Board.

Mrs. Johnson then called for a vote on the motion.

The revised recommendation of the Committee on Academic Affairs was unanimously approved by the Board.
Personnel Adjustments & Appointments

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

<table>
<thead>
<tr>
<th>Budgeted Name, Rank and/or Title, Department</th>
<th>Month of Service</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source of Funds</th>
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<tbody>
<tr>
<td>Oregon State University</td>
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<tr>
<td>Dr. J. D. Lattin, Associate Professor</td>
<td>12</td>
<td>$12,960</td>
<td>$14,160</td>
<td>Budget (Designation as Assistant Dean of the School of Science, effective April 1, 1967)</td>
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<tr>
<td>University of Oregon</td>
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<tr>
<td>Dr. David Brinks, Counselor, Supervisor</td>
<td>12</td>
<td>10,400</td>
<td>10,880</td>
<td>Budget (Increased duties and responsibilities; effective February 1, 1967)</td>
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<tr>
<td>of Testing with rank of Associate Professor</td>
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<tr>
<td>Dr. Barton E. Clements, Supervisor of</td>
<td>9</td>
<td>9,500</td>
<td>10,766</td>
<td>Grant (Increased duties at Tongue Point; effective January 3, 1967, for winter and spring terms)</td>
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<td>Educational Interns, Assistant Professor</td>
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<tr>
<td>of Education</td>
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<tr>
<td>University of Oregon Medical School</td>
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<tr>
<td>Dr. H. Osterud, Professor of Public</td>
<td>12</td>
<td>17,500</td>
<td>20,000</td>
<td>Budget (Designation as Acting Chairman of the Department of Public Health and Preventive Medicine; effective April 1, 1967)</td>
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<tr>
<td>Health and Preventive Medicine</td>
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<td>12</td>
<td>10,630</td>
<td>12,000</td>
<td>Grant (Increase provided in grant)</td>
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<td>Dr. Bruce Butler, Assistant Professor</td>
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<tr>
<td>of Medical Psychology</td>
<td>12</td>
<td>10,900</td>
<td>13,200</td>
<td>Grant (Increase provided in grant)</td>
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<tr>
<td>Dr. Warren Fay, Assistant Professor of</td>
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<tr>
<td>Speech Pathology in Pediatrics</td>
<td>12</td>
<td>10,972</td>
<td>12,000</td>
<td>Grant (Increase provided in grant)</td>
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<td>Dr. Kay French, Assistant Professor of</td>
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<td>Pediatrics</td>
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<td>13,000</td>
<td>15,000</td>
<td>Grant (Increase provided in grant; effective January 1, 1967)</td>
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<tr>
<td>Dr. Robert H. Persellin, Assistant</td>
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<tr>
<td>Professor of Medicine</td>
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<tr>
<td>Oregon Technical Institute</td>
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<tr>
<td>Mr. Benjamin D. Morrison, Assistant Professor</td>
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<td>8,850</td>
<td>9,175</td>
<td>Budget (Completion of B.A. degree)</td>
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</tbody>
</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

Oregon State University

Scholarships & Fellowships

Gifts totaling $25,578.31 from the following donors for scholarships and fellowships:

Albany City Council Parent-Teacher Association, $110.00
American Legion Auxiliary, Department of Oregon, Dundee, 375.00
Anonymous Donor, 110.00
Mr. and Mrs. Carl Bennett, Philomath, 500.00
Blue Lake Packers, Inc., Salem, 300.00
Bumble Bee Seafoods, Inc., Astoria, 1,000.00
California Packing Corporation, Portland, 300.00
Carpenter Foundation through the Central Point Public Schools, 699.98
Carpenter Fund Scholarships through the Ashland Senior High School, 216.00
Chevy Chase Estates Garden Club, Glendale, California, 100.00
China Lake Education Association, China Lake, California, 200.00
Education Funds, Inc., Providence, Rhode Island, 1,710.00
Elks Lodge No. 1651, Hamilton, Montana, 125.00
Elks Lodge No. 2105, Newport, 125.00
Funds for Education, Inc., Manchester, New Hampshire, 400.00
Georgia-Pacific Foundation, Portland, 2,000.00
Grant High School Boy's League, Portland, 100.00
International Association of Machinists and Aerospace Workers, Washington, D.C., 330.00
Miss Agnes R. Jewett, Carlotta, California, 100.00
McKay's Markets, Coos Bay, 125.00
Northwest Packing Company, Portland, 400.00
ONC Scholarship Foundation, Palo Alto, California, 250.00
Oregon Congress of Parents and Teachers, Portland, 1,245.00
Oregon Dairy Industries, Corvallis, 330.00
Oregon Federation of Business and Professional Women's Clubs, Inc., Hillsboro, 1,000.00
Oregon State University Foundation, Corvallis, 4,118.00
South Santiam Educational and Research Project through the Oregon State University Foundation, Corvallis, 6,357.00
Pacific Dairy & Poultry Association, Los Angeles, California $500.00
P.E.O. Sisterhood, Chapter C2, Coos Bay 100.00
Mr. and Mrs. H. Frank Ramsey, Corvallis 500.00
Scappoose Union High School 234.34
Sweet Home High School Community Scholarship Fund 100.00
Max D. Tucker Trust Fund through the U. S. National Bank of Oregon, Portland 1,002.00
U. S. National Bank of Oregon, Portland 550.00
Various Donors through Medford Senior High School 1,383.00
Woolley Logging Company, Drain 333.00
Zonta Club, Coos Bay 249.99

American Cancer Society Inc.
Grant of $8,648 from the American Cancer Society, New York City, for research entitled, "Biochemical Changes During Embryonic Development," March 1, 1967, through February 29, 1968, under the direction of Dr. Robert W. Newburgh, Assistant Director, Science Research Institute.

The Ansul Company
Grant of $4,000 from The Ansul Company, Marinette, Wisconsin, for research entitled, "Woody Plant Control with Arsenicals," July 1, 1967, through June 30, 1968, under the direction of Dr. Michael Newton, Assistant Professor, Forest Research Laboratory.

Baroid Division of National Lead Company
Grants totaling $6,472.11 from the Baroid Division of the National Lead Company, Houston, Texas, for research as follows:

1. $3,352.11 - "Formation of Organic Clay Complexes," beginning March 1, 1967, for approximately one year, under the direction of Dr. W. H. Slabaugh, Professor of Chemistry.

2. $3,120 - "Fellowship for research in surface chemistry," for the 1966-67 academic year, under the direction of Dr. W. H. Slabaugh.

Bonneville Power Administration
Grant of $5,444.17 from the Bonneville Power Administration for research entitled, "Improved Serviceability of Wood Products," under the direction of Mr. Robert D. Graham, Associate Professor, and Dr. Jacques L. Ricard, Assistant Professor, Forest Research Laboratory.

Office of Economic Opportunity
Grant of $8,415 from the Office of Economic Opportunity, Washington, D.C., September 1, 1966, through June 30, 1967, for the Upward Bound Program, under the direction of Dr. Frank Zeran, Dean, School of Education.

Robert Johnson Trust Fund
Gift of $1,051.95 from the Robert Johnson Trust Fund, representing the current income from the trust to support the Robert Johnson Research Fellowship.
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National Science Foundation
Grant of $41,300 from the National Science Foundation for research entitled, "Scission of Sulfur-Sulfur Bonds," March 1, 1967, through February 28, 1969, under the direction of Dr. John L. Rice, Professor of Chemistry.

Northwest Pulp and Paper Association
Grant of $9,780 from the Northwest Pulp and Paper Association, Seattle, Washington, for research on "Automatic and Continuous Methods of Chemical Analysis," beginning March 1, 1967, for approximately one year, under the direction of Dr. Harry Freund, Professor of Chemistry.

OSU Foundation
Grant of $1,981.79 from the Oregon State University Foundation to provide the salary for the Executive Secretary of the Foundation during the 1966-67 academic year.

U. S. Forest Service
Grant of $148.24 from the U. S. Forest Service for research entitled "Drying Characteristics of Southern Pine and Douglas-fir Rotary-Peeled Veneer at Temperatures of 800°F," under the direction of Mr. George Atherton, Professor, Forest Research Laboratory.

U. S. Atomic Energy Commission
Grants totaling $264,045 from the U. S. Atomic Energy Commission, Richland Operations Office, Richland, Washington, for research and other purposes as follows:

1. $120,000 - "To cover expenditures for fuel elements for the Nuclear Reactor," July 1, 1966, through June 30, 1967, under the direction of Dr. C. H. Wang, Director of the Radiation Center.

2. $23,268 - "Investigation of Methods for Isolation and Identification of Food-Borne Pathogens with Special Emphasis on Clostridium Botulinum," February 1, 1967, through January 31, 1968, under the direction of Dr. A. W. Anderson, Professor of Microbiology.

3. $88,000 - "For the purchase of a bending Magnet and associates power supply and a quadrupole pair and associated power supply," and for "Low Energy Nuclear Research", January 1 through October 31, 1967, under the direction of Dr. Larry Schecter, Professor of Physics.

4. $32,777 - "Academic Year Institute and Summer Program for College Teachers of Biology and/or Biochemistry," February 1, 1967, through August 31, 1968, under the direction of Dr. C. H. Wang.

U. S. Navy, Office of Naval Research
Grant of $68,000 from the U. S. Navy Department, Office of Naval Research, "for acceleration of support for a new research program in Air-Sea Interaction," January 1 through July 31, 1967, under the direction of Dr. Wayne V. Burt, Chairman of Oceanography.
Grants totaling $150,751 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, effective March 1, 1967, through February 29, 1968, unless otherwise specified, as follows:

1. $34,022 - "Energy Transfer in Lower Marine Trophic Levels," under the direction of Dr. Lawrence F. Small, Assistant Professor of Oceanography.

2. $28,092 - "Biochemistry and Physiological Ecology of Poisoned Fish," under the direction of Dr. V. H. Freed, Head of Agricultural Chemistry.

3. $24,804 - "Biological and Toxic Effects of Cyclopropenoids," under the direction of Dr. Donald J. Lee, Professor of Food Science and Technology.

4. $5,600 - "Predoctoral Fellowship Award in behalf of Thomas H. Dietz," under the direction of Dr. Ronald H. Alvarado, Assistant Professor of Zoology.

5. $17,076 - "Effects of Radiation of the Migration of Salmonids," January 1 through December 31, 1967, under the direction of Dr. Frank Conte, Associate Professor of Radiation Biology.

6. $41,157 - "Air Pollution from Agricultural and Forestry Burning," February 1, 1967, through January 31, 1970, under the direction of Dr. Richard W. Boubel, Associate Professor of Mechanical Engineering.

Grant of $2,422 from Tektronix, Inc., Beaverton, representing one-third of a research grant for work in solid state electronics, winter term 1967, under the direction of Mr. James C. Looney, Assistant Professor of Electrical Engineering.

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

$500 - "For a study conducted in cooperative orchards to determine the effect of spray additives and timing for thinning young peach fruits," under the direction of Dr. Porter B. Lombard, Associate Professor of Horticulture.

$5,727.91 - "Boron and Leaf Analysis," under the direction of Dr. O. C. Compton, Professor of Horticulture; "Stone Fruit Diseases," under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology; "Plant Analyses on Soil Fertility and Plant Nutrition Research," under the direction of Dr. T. L. Jackson, Professor of Soils. The funds are to be distributed as follows: Horticulture $502.91; Plant Pathology, $475; and Soils $4,750.
Amchem Products, Inc. $3,700 - "Weed Control Research," under the direction of Dr. W. R. Furtick, Professor of Agronomy.

Bolz Pelting Service $150 - "Mink Research," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

Wm. Leman, Inc. $500 - "Mint Disease Research," under the direction of Dr. C. E. Horner, Professor of Plant Pathology.

National Ass'n. of Animal Breeders $2,000 - "Micro-structure of Spermatozoa and Ova," under the direction of Dr. Arthur S. H. Wu, Assistant Professor of Animal Physiology.

The National Laboratories $151.25 - for purchase of a Polaroid 250 Land Camera with compartment case for taking pictures in the mastitis study under the direction of Dr. K. J. Peterson, Professor of Veterinary Medicine.

Northwest Canners & Freezers Association $9,500 - "In support of research problems associated with breeding, testing and evaluation of snap beans, carrots, beets and pod-set in snap beans," under the direction of Dr. W. A. Frazier, Professor of Horticulture.

Oregon Museum of Science and Industry $400 - "A study of migratory game birds," under the direction of Mr. Howard Wight, Associate Professor of Wildlife Ecology.

Oregon Nursery Advisory Committee $10,140 - "In partial support of three assistantships on disease and insect pests and propagation of bulb, florist, and nursery crops," under the direction of Dr. A. N. Roberts, Professor of Horticulture; Dr. J. Ralph Shay, Professor of Botany and Plant Pathology; and Dr. K. G. Swenson, Professor of Entomology. The funds are to be distributed as follows: Horticulture, $3,380; Entomology, $3,380, and Plant Pathology, $3,380.

Shell Chemical Company $4,750 - "Research in the use of insecticidal chemicals," under the direction of Mr. S. C. Jones, Professor of Entomology; Dr. R. G. Rosenstiel and Dr. R. L. Goulding, Associate Professors of Entomology; Dr. W. R. Furtick, Professor of Agronomy; and Mrs. Lois A. Sather, Associate Professor of Food Science and Technology. The funds are to be distributed as follows: Entomology, $2,250; Farm Crops, $1,000; and Food Science and Technology, $1,500.

Oregon Fish Commission $6,000 - "Processed Hake in Feed for Mink," under the direction of Dr. J. E. Oldfield, Professor of Animal Nutrition.

Upjohn Company $700 - "Control of Diseases of Vegetable Crops," under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology.
Meeting #356-54

U.S.D.A. Agric. Research Service $2,250 - "The Introduction and Agronomic Evaluation of New Potential Crops for Oregon," under the direction of Mr. Wheeler Calhoun, Associate Professor of Agronomy.

Weyerhaeuser Company $4,195 - "Chewaucan Stream Study, under the direction of Dr. J. D. Hall, Assistant Professor of Fisheries.

Wildlife Management Institute $1,000 - "A Study of Migratory Game Birds," under the direction of Mr. Howard Wight, Associate Professor of Wildlife Ecology.

University of Oregon

Scholarships & Fellowships Gifts totaling $22,959.11 from the following donors for scholarships and fellowships:

African-American Institute, New York City $ 3,287.50
Alpha Lodge No. 52, Washington and Jurisdiction, Prince Hall, A. F. & A. M., Seattle, Washington 250.00
The Asia Foundation, San Francisco, California 220.00
The Carpenter Foundation through the Medford Public Schools 1,032.00
The Carpenter Foundation through the Central Point Public Schools 366.64
The Carpenter Fund Scholarship, Ashland Senior High School 231.00
Fortin Foundation, Inc., Billings, Montana 650.00
Georgia-Pacific Foundation, Portland 2,750.00
Haupert Tractor Scholarship through the Medford Public Schools 100.00
LeRoy F. Kerns Scholarship, Eugene 4,000.00
The Minneapolis Star & Tribune Company Minneapolis, Minnesota 400.00
Mu Phi Epsilon Patronesses, Eugene 200.00
North American Baptists, Inc., Forest Park, Illinois 300.00
Orides Mothers' Scholarship, Eugene 220.00
Oregon Congress of Parents & Teachers, Inc., Portland 996.00
Oregon Pepsi-Cola Bottlers Scholarship Foundation, Seaside 500.00
The Pendleton East Oregonian 110.00
Phelps-Stokes Fund, New York City 1,150.00
Sharman County Scholarship Ass'n, Inc., Wasco 266.67
The South Santiam Educational and Research Project through the Oregon State University Foundation, Corvallis 930.00
Texaco, Inc., Beacon, New York 3,440.00
Frank L. Tou Velle Trust through the Medford Public Schools 276.00
Max D. Tucker Scholarship through the U. S. National Bank, Portland 668.00
Meeting #356-55  
April 24-25, 1967

Associated Student Body, North Eugene High School  
Board of World Missions, Lutheran Church in America, New York City  
Associated Student Body, Roseburg Senior High School  
Wyman Youth Trust, Seattle, Washington  

Mazamas
Grant of $450 from Mazamas, Portland, on behalf of James C. Hickman, Graduate Assistant in Biology, for "The Study of Alpine Plants," March 9, 1967, through March 31, 1968, under the direction of Dr. Edward Novitski, Head of the Department of Biology.

National Park Service
Grant of $25,000 from the National Park Service, U. S. Department of the Interior, San Francisco, California, "for excavations and archaeological studies in the John Day Reservoir Project, April 11, 1967, through June 30, 1968, under the direction of Mr. David Cole, Curator, Museum of Natural History.

National Science Foundation
Grants totaling $165,984 from the National Science Foundation, Washington D. C., for research, training programs, and other purposes, as follows:

1. $10,000 - "Order Relations in Topology," March 15, 1967, through March 15, 1969, under the direction of Dr. Lewis E. Ward, Jr., Professor of Mathematics.

2. $70,380 - "Graduate Traineeship Program," February 15, 1967, through September 1, 1968, under the direction of Dr. Leona E. Tyler, Dean of the Graduate School.

3. $54,121 - "Second year continuation of Graduate Traineeship Program," September 1, 1967, through September 1, 1968, under the direction of Dr. Leona E. Tyler, Dean of the Graduate School.

4. $11,500 - "Undergraduate Research Participation Program," February 16, 1967, through September 30, 1967, under the direction of Dr. Thomas W. Koenig, Assistant Professor of Chemistry.

5. $19,983 - "Third Year Continuation of Graduate Traineeship Program," September 1, 1967, through September 1, 1968, under the direction of Dr. Leona E. Tyler.

Oregon State Dept. of Education
Grant of $26,308 from the Oregon State Department of Education, Salem, "for a seminar series to counselors and teachers in two demonstration schools," March 1 to May 31, 1967, under the direction of Mr. Leroy Owens, School of Education.
Grant of $21,039 from the Oregon State Department of Commerce, for seminars, short courses and informational programs related to business, transportation and marketing, February 23 through December 31, 1967, under the direction of Dean Richard W. Lindholm, Dean of the School of Business Administration; Dr. Arthur A. Esslinger, Dean of the School of Health, Physical Education and Recreation; and Dr. Lloyd W. Staples, Head of the Department of Geography.

Grant of $29,103 from the U. S. Army Department, Washington, D.C., "for a state-wide community shelter planning program as a part of the National Community Shelter Planning Program," February 10, 1967, through February 29, 1968, under the direction of Mr. James Bell, Coordinator, Urban Planning Assistance.

Grant of $99,322 from the U. S. Office of Economic Opportunity, "For a Community Action Program for the Education of Academically Underachieving Economically Disadvantaged Youths," from February 27, 1967, through June 30, 1968, under the direction of Dr. Arthur Pearl, Professor of Education.

Grants totaling $268,540 from the U. S. Office of Education, Washington, D.C., for research, training programs and institutes, as follows:

1. $24,992 - "Planned and Unplanned Aspects of Occupational Choices by Youth," March 19, 1965, through June 30, 1967, under the direction of Dr. Robert Ellis, Professor of Sociology.

2. $132,133 - "NDEA Institute for Advanced Study in Modern Foreign Language to be held at Tours, France," November 1, 1966, through October 31, 1967, under the direction of Dr. David M. Dougherty, Head of the Department of Foreign Languages.

3. $9,872 - "Personality Shift in Women in a Choice Point in Middle Life," March 16 through September 30, 1967, under the direction of Dr. Oscar Christensen, Assistant Professor of Education.

4. $101,543 - "In-continued support of the Educational Research Information Center Program," February 1, 1967, through January 31, 1958, under the direction of Mrs. Ione Pierron, Associate Professor of Librarianship.

Grants totaling $81,540 from the Department of Housing and Urban Development, San Francisco, California, for planning assistance in the cities of Newberg, Sheridan, Willamina, Milwaukie, Brookings, Coos Bay, Bend, and Pendleton, and in the counties of Yamhill, Clatsop, and Columbia, March 9, 1967, through March 19, 1969, under the direction of Mr. James Bell, Associate Director,
Bureau of Municipal Research. This represents federal funds of $54,234, local funds of $21,022, local services valued at $5,400, and inspection fees of $84.

U. S. Public Health Service Grants totaling $194,574 from the U. S. Public Health Service, for research, fellowships, and other purposes, as follows:

1. $35,935 - "Hippocampal Function in Behavior," January 1, 1967, through December 31, 1969, under the direction of Dr. Daniel P. Kimble, Associate Professor of Psychology.

2. $33,007 - "Studies on Urease Structure," January 1, 1967, through December 31, 1969, under the direction of Dr. Francis J. Reithel, Professor of Chemistry.

3. $18,131 - "Re-Programming Social Environment of Deviant Children," January 1, 1967, through December 31, 1969, under the direction of Dr. Gerald R. Patterson, Professor of Psychology.

4. $43,680 - "Interaction of Nucleotides and Proteins," April 1, 1967, through March 31, 1968, under the direction of Dr. John A. Schellman, Professor of Chemistry.

5. $1,258 - "Magnetic Optical Rotation and Circular Dichroism," September 1, 1966, through August 31, 1967, under the direction of Dr. Martin L. Sage, Assistant Professor of Chemistry.

6. $26,699 - "Neural Mechanisms of Learning and Behavior," March 1, 1967, through February 28, 1970, under the direction of Dr. Marvin E. Lacey, Assistant Professor of Psychology.

7. $35,662 - "Peripheral and Central Studies of Neural Organization," April 1, 1967, through March 31, 1969, under the direction of Dr. Melvin J. Cohen, Professor of Biology.

8. $202 - "Supplemental dependency allowance increase for one child for the period February 4 through June 30, 1967, for predoctoral fellow, Mr. Frank Eugene Poirier," under the direction of Dr. Paul E. Simonds, Assistant Professor of Anthropology.

Vocational Rehabilitation Administration Grant of $150,000 from the Vocational Rehabilitation Administration, Washington, D. C., "for support of a Regional Rehabilitation Center in Mental Retardation," March 1, 1967, through February 29, 1968, under the direction of Dr. Herbert J. Frahm, Associate Professor of Education.
Gifts to the University of Oregon Library from various donors as follows:

Dr. & Mrs. W. S. Baldinger

Slides, valued at $849.50, which have become part of the architecture branch of the library, from Dr. and Mrs. W. S. Baldinger, Eugene.

Mrs. I. T. Barry

Collection of manuscripts and source materials from Mrs. Iris Barry, Portland, an Oregon writer. The gift is valued at $125.

Mr. & Mrs. H. C. Holling

Manuscripts and related material of the Holling book, *Pagoo*, from Mr. and Mrs. Holling Clancy Holling, Pasadena, California. The gift is valued at $650.

Mr. M. Ross

A collection of 223 colored slides, valued at $111.50, from Mr. Marion Ross, Eugene.

Mrs. A. A. Steffan

Research notes, manuscripts, and proofs from Mrs. Arthur A. Steffan, Washington, D. C. Mrs. Steffan is a children's author who writes under the name of Jack Steffan.

Mrs. A. T. Walton

Music manuscripts and correspondence of Stoddard King, nationally known composer, from Mrs. Arthur T. Walton, Shelton, Washington. The gift is valued at $1,020.

Miss E. Wilson

Books, correspondence and manuscripts from Miss Emma Wilson, Boulder, Colorado. Miss Wilson was a missionary to China. The gift is valued at $170.50.

University of Oregon Dental School

Bettman Estate

Gift of $1,719.01 from the Frances J. Bettman estate through the First National Bank of Oregon, Portland, representing the distribution of one-seventh of the earnings from the estate. It is to be used to increase the Frances J. Bettman scholarship fund.

Hamilton Manufacturing Company

Gift of five American Modular Cabinets, valued at $610, from the Hamilton Manufacturing Company, Twin Rivers, Wisconsin, for use, in the Oral Diagnosis Department, under the direction of Dr. Arthur E. Fry, Head of the Department.

American Cancer Society, Oregon Division

Grant of $5,000 from the American Cancer Society, Oregon Division, Portland, for research "to define in biochemical terms the metabolic alterations accompanying vinblastine induced thymic involution," April 1, 1967, through March 31, 1968, under the direction of Dr. John D. Gabourel, Associate Professor of Pharmacy.
Meeting #356-59

U. S. Public Health Service

Grants totaling $85,259 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $19,389 - "Interactions of the Oral Microbiota," January 1 through December 31, 1967, under the direction of Dr. Richard B. Parker, Professor, Bacteriology Department.

2. $45,194 - "To establish a colony of Pygmy goats to be used for research," March 15, 1967, through March 14, 1968, under the direction of Dr. James Metzler, Professor of Medicine.

3. $20,676 - "Mast Cells in Human Gingiva," March 1, 1967, through February 28, 1968, under the direction of Dr. Walter B. Hall, Assistant Professor, Periodontology Department.

University of Oregon Medical School

Bristol Laboratories

Grant of $2,000 from the Bristol Laboratories, Syracuse, New York, for research entitled, "The Metacillin-Dicloxacillin Studies," under the direction of Dr. Ernest J. Benner, Assistant Professor of Medicine.

Guttman Foundation

Grant of $500,000 from the Guttman Foundation through the Medical Research Foundation of Oregon, Portland representing $350,000 for the establishment of the Charles and Stella Guttman Institute for Clinical Vascular Research at the University of Oregon Medical School and $150,000 for operating the Institute at the rate of $50,000 per year. Most of the expenditures will be made directly by the Medical Research Foundation, but part of the funds will be transferred by the Foundation to the Medical School to cover the expenditures for construction and salary payments, to be used under the direction of Dr. Charles T. Dotter, Chairman of the Department of Radiology.

C. H. Moulton

Gift of $490 from Mr. Clifford H. Moulton, Portland, to be used for research under the direction of Mr. M. R. Parelus, Director of Research Services.

National Cystic Fibrosis Research Foundation

Grant of $24,000 from the National Cystic Fibrosis Research Foundation, New York City, "in further support of a Cystic Fibrosis Care, Research and Teaching Center," March 1, 1967, through February 29, 1968, under the direction of Dr. Robert A. Campbell, Assistant Professor of Pediatrics.

National Fund for Medical Education

Grant of $24,784 from the National Fund for Medical Education," for research entitled, "Bridging the Preclinical and Clinical Years -- A Collaborative Pilot Program on Closed-Circuit Television," effective July 1, 1967, under the direction of Dr. Tyra T. Hutchens, Professor and Chairman of Clinical Pathology.
Grant of $600 from the Norwich Pharmacal Company, Norwich, New York, for urology research under the direction of Dr. Clarence Hodges, Head of the Division of Urology.

Grant of $4,725 from Parke, Davis & Company, Ann Arbor, Michigan, "in further support of a study on Chlormycetin Therapy," December 1966 through February 1967, under the direction of Dr. Ernest J. Benner, Assistant Professor of Medicine.

Gift of $308.50 from the Portland Grade Teachers Association, for the purchase of three London Fog Mist Sets for the Doernbecher Memorial Hospital, under the direction of Dr. Charles N. Holman, Medical Director.

Gift of $425.20 from Mrs. Rita H. Simmons, Seattle, Washington, to establish the Rita Simmons Graduate Scholarship Loan Fund to be administered by the Dean's Office. Funds will be utilized for loans to medical students at the rate of $150 per year with interest at the rate of 3 percent.

Gift of $500 from E. R. Squibb & Sons, New York City, to cover the copies of prints for use in teaching and postgraduate training programs under the direction of Dr. A. A. Pearson, Chairman of the Department of Anatomy.

Grant of $2,000 from the Upjohn Company, Kalamazoo, Michigan, for research entitled, "In Vitro Studies with Lincocin," under the direction of Dr. Ernest J. Benner, Assistant Professor of Medicine.

Grants totaling $473,840 from the U. S. Public Health Service for research, training programs, fellowships, and other purposes, as follows:

1. $10,864 - "To promote professional education, screen public beneficiaries for cancer, and maintain a tumor registry," July 1, 1966, through June 30, 1967, under the direction of Dr. Sefton R. Wellings, Chairman of the Pathology Department.


3. $52,744 - "The Chemistry and Biochemistry of the Neurohumorals," April 1, 1967, through March 31, 1968, under the direction of Dr. Jack H. Fellman, Associate Professor of Neurochemistry.

4. $24,908 - "Connective Tissue Studies in Urogenital Cancers," March 1, 1967, through February 29, 1968, under the direction of Dr. Peter J. Bentley, Assistant Professor of Experimental Biology and Biochemistry.
5. $20,602 - "Cardiorespiratory Function of Heart-Diseased Infants," March 1, 1967, through February 29, 1968, under the direction of Dr. Martin H. Lees, Associate Professor of Pediatrics.

6. $58,761 - "5-Ribosyluracil as a Component of RNA," March 1, 1967, through February 29, 1968, under the direction of Dr. Adam W. Lis, Assistant Professor of Pathology.


8. $500 - "Fellowship allowance for Dr. Mary Stanger," under the direction of Dr. Richard Olmsted, Chairman, Pediatrics Department.

9. $62,400 - "Pre-Clinical Drug Evaluation and Method Development," April 1, 1967, through March 31, 1968, under the direction of Dr. Samuel Irwin, Professor of Pharmacology.


11. $938 - "Basic Mechanisms in Cataract Development," January 1 through December 31, 1966, under the direction of Dr. Robert P. Burns, Associate Professor of Ophthalmology.

Portland State College

Scholarships & Fellowships

Gifts totaling $1,630 from the following donors for scholarships and fellowships, as follows:

- American Association of University Women $ 110.00
- Fidelity-Philadelphia Trust Company, Philadelphia, Pennsylvania 220.00
- Multnomah Kennel Club, Fairview 350.00
- Northern Enterprises, Inc., North Portland 110.00
- Pepsi-Cola Bottlers Scholarship Foundation, Seaside 200.00
- Sheraton Motor Hotel, Portland 110.00
- Umpqua Community College, Roseburg 180.00
- Jim D. Whittenburg, Portland 150.00
- Clackamas County Tuberculosis and Health Association, Oregon City 200.00

National Science Foundation

Grant of $43,435 from the National Science Foundation, Washington, D.C., for "A Writing Conference for Adaptation of New Science Course -- Content Material," January 1 through September 30, 1967, under the direction of Mr. Michael Fiasca, Assistant Professor of Education.
Gift of $100 from Mr. E. S. Oliver, Aloha, for the Professor W. Arthur Boggs Memorial Fund.

Grant of $15,000 from The Rockefeller Foundation, New York City, to support a program entitled, "Group for Contemporary Music," January 1 through December 31, 1967, under the direction of Mr. David Block, Instructor in Music.

Gift of $600 from The Society of Sigma XI, New Haven, Connecticut, to purchase equipment for a research grant entitled, "Histochernical Studies of the Trematode Nanophyctis Salminculo," under the direction of Dr. Clarence A. Porter, Assistant Professor of General Science.


Gift of a Minolta camera and 3 supplementary lenses, valued at $535, from Mr. Dewey Weiss, Portland, to be used for teaching and research, under the direction of Mr. Ralph W. Macy, Biology Department.

Grant of $50,450 from the U. S. Department of Health, Education, and Welfare, Bethesda, Maryland, for "An NDEA Institute for Advanced Study in Geography," November 1, 1966, through October 31, 1967, under the direction of Mr. Paul F. Griffin, Professor of Geography.

Gifts totaling $7,165.32 from the following donors for scholarships and fellowships:

- Associated Student Body, Illinois Valley High School, Cave Junction $ 100.00
- Beneficial Foundation, Inc., Wilmington, Delaware 100.00
- Burt Snyder Educational Foundation through the First National Bank of Oregon, Portland 200.00
- Butler Memorial Fund, Ashland 200.00
- The Carpenter Foundation through Medford High School 1,397.00
- The Carpenter Foundation through Crater High School, Central Point 933.32
- The Carpenter Foundation through Ashland High School 762.00
- Crater Lions Club, Medford 165.00
- First Presbyterian Church, Ashland 100.00
Frank Tou Velle Trust through Medford High School $432.00  
Future Teachers of America, Medford High Sch 100.00  
ICOA Life Insurance Co., Salem 200.00  
Jackson County Insurance Agents, Medford 167.00  
Letter D. Harris Memorial, Medford High School 100.00  
Medford Rotary Educational Grant 398.00  
Mildred Litste Scholarship Trust through the  
U. S. National Bank of Oregon, Medford 664.00  
Oregon Congress of Parents and Teachers, Inc.,  
Portland 415.00  
Phelps-Stokes Fun. New York City 300.00  
Rogue Equipment Company 166.00  
Victor Mills Award, Ashland 100.00  
Woolley Logging Co., Drain 166.00

**Tektronix Foundation**  
Grant of $4,000 from Tektronix Foundation, Beaverton, for the acquisition of a spectrophotometer and recorder for instructional purposes and research, under the direction of Dr. Chris Skrepkos, Assistant Professor of Biology.

**U.S. Dept. of Justice**  
Grant of $14,493 from the U.S. Department of Justice, Washington, D.C., for establishment of a degree program in Police Science, January 1 through December 31, 1967, under the direction of Mr. J. Eldon Dunn, Director, Law Enforcement Program.

**Daily Educational Trust**  
Gift of $200 from the Daily Educational Trust, Lakeview, for the scholarship fund, under the direction of Mr. Lawrence Stevens, Financial Aids Director.

**R. L. Mason**  
Gift of brake equipment from Mr. Ronald L. Mason, Spokane, Washington, for use in the auto-diesel associates program, under the direction of Mr. Paul T. Meier, Dean of Instruction. The gift is valued at $400.

**Standard Screw Company**  
Gift of 6 fuel injection pumps, valued at $1,800 from the Standard Screw Company, Hartford, Connecticut, for use in the auto-diesel associates program under the direction of Dean Paul T. Meier.

**Division of Continuing Education**  
Grant of $4,170 from the Oregon State Department of Education, Division of Vocational Education, Salem, "to conduct a survey of labor and industrial management personnel for vocational education and training needs," July 1, 1966, through June 30, 1967, under the direction of Mr. K. A. Ahlberg, Head, Office of Business Affairs.
U. S. Dept. of Health, Education & Welfare  Grant of $7,500 from the U. S. Department of Health, Education and Welfare, Office of Education, for "administrative and instructional salaries, travel expenses, office and instructional supplies and stipends for participants in the Counseling and Guidance Institute for Disadvantaged Youth," January 5 through August 4, 1967, under the direction of Dr. Wesley C. Huckins, Director.

U. S. Public Health Service  Grant of $4,998 from the U. S. Public Health Service, Arlington, Virginia, for trainee tuition and stipends for participants in the short term training course, "Sensitivity Training for Public Health Nurses," February 27 through March 3, 1967, under the direction of Mr. Robert Gridley.


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