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

September 10, 1963

MEETING #318-1 A regular meeting of the State Board of Higher Education was held in Room 321, State Capitol Building, Salem, Oregon, on September 10, 1963.

ROLL CALL
The meeting was called to order at 9:00 A.M. by the President of the Board, Mr. Wm. E. Walsh, and on roll call the following answered present:

Mr. J. W. Forrester, Jr.                Mr. John Merrifield
Mr. Allan Hart                           Mr. John W. Snider
Mr. Chas. R. Holloway, Jr.              Ralph E. Purvine, M.D.
Mrs. Elizabeth H. Johnson                Mr. Wm. E. Walsh

Absent: Mr. George Layman.

Others Present: Chancellor R. E. Lieuallen; Secretary R. L. Collins; Vice Chancellor J. W. Sherburne, Division of Continuing Education; President A. S. Flemming of the University of Oregon; President J. H. Jensen of Oregon State University; President B. F. Millar of Portland State College; President L. W. Rice of Oregon College of Education; President E. N. Stevenson of Southern Oregon College; President F. B. Bennett of Eastern Oregon College; President W. D. Purvine of Oregon Technical Institute; Dean H. J. Noyes of the University of Oregon Dental School; Dean M. Popovich, Dean of Administration, Oregon State University; Mr. E. A. Stabbins, Dean of Administration, Oregon College of Education; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs, Southern Oregon College; Mr. W. A. Zimmermann, Assistant Dean for Business Affairs, University of Oregon Medical School; Mr. W. T. Lemman, Director of Business Affairs, Portland State College; Dr. Brock Dixon, Assistant Dean of Faculty, Portland State College; Mr. Wm. Douglass, Administrative Dean, Oregon Technical Institute; Dr. V. A. Moore, Director of State Wide Instruction, Division of Continuing Education; Mr. G. M. Robertson, Business Manager, Oregon State University; Mr. Eugene Bauer, Business Manager, University of Oregon Dental School; Dr. Jerold A. Kieffer, Assistant to the President and Associate Professor of Political Science, University of Oregon; Dr. Luke F. Lamb, Director of Educational Media, Division of Continuing Education; Mr. William Barrows, Business Manager, Division of Continuing Education; Mr. H. A. Bork, Vice Chancellor for Business Affairs; Dr. M. C. Romney, Vice Chancellor for Academic Affairs; Mr. D. R. Larson, Assistant Chancellor and Director of Public Services; Comptroller J. L. Watson; Mr. J. I. Hunderup, Director of Facilities Planning; Mr. Guy Lutz, Research Associate, Office of Institutional Research; Mrs. Wickes Beal, Assistant to the Chancellor; Mr. Wolf D. von Otterstedt, Senior Attorney; Mr. George Diel, Assistant Director of Public Services; and Mr. Denis Curry, Management Analyst, Department of Finance and Administration.

RE ABSENCES
Mr. Layman was absent for business reasons; he attended the committee meetings on Monday.

MINUTES APPROVED
The Board voted to dispense with the reading of the minutes of the last regular meeting held on July 9, 1963, and the special meeting held on August 1, 1963, and approved them as printed in the docket.
Mr. J. W. Forrester, Jr., Chairman of the Building Committee, presented the following report:

"Included in the tentative listing of capital construction projects for 1965-1967 is an addition to the Outpatient Clinic Building at the University of Oregon Medical School. Following their appointment by the Board at the March 1962 meeting, Architects Bear, McNeil, Schneider, Bloodworth & Haves were authorized to undertake a site study for the project and to make a recommendation for the location of additional cafeteria facilities either in connection with the proposed addition or elsewhere on the campus.

"University of Oregon Medical School officials and the architects have submitted basic studies for the proposed Outpatient Clinic Addition which would include food service facilities for about 200 faculty and staff members. The seven-floor structure would be located immediately west of the existing Outpatient Clinic Building, sharing a common wall with the existing building. It would contain a gross area of approximately 49,400 square feet, including a penthouse for the elevator and mechanical equipment. The new space would provide additional patient-examining rooms and faculty-student consultation rooms, clinical laboratories, conference rooms and classrooms, equipment rooms, supply and storage areas, offices for faculty and staff and related service spaces for various departments of the institution such as pediatrics, radiology, dermatology, medicine, psychiatry and psychology, obstetrics and gynecology, orthopedics, etc. Also included would be areas assigned for student health services and student locker rooms. In addition, special facilities would be provided for the maintenance and storage of oxygen therapy equipment and for the microfilming and storage of medical records. Definite arrangement of interior spaces has not been determined.

"Tentatively, the estimated cost of the proposed Outpatient Clinic Building Addition is $1,445,000, of which approximately $1,158,000 is applicable to direct construction costs, excluding fixed equipment of about $39,000. It is expected that a more accurate estimate would be available upon the completion of the preliminary plans.

"With the concurrence of the Chancellor, Dean Baird recommends that the basic studies prepared by Architects Bear, McNeil, Schneider, Bloodworth & Haves for the proposed Outpatient Clinic Building Addition at the University of Oregon Medical School be approved and that appropriate Board officials be authorized to instruct the architects to complete the preliminary planning. Such preliminary plans would be presented to the Board for review. Approval of the basic studies, however, does not imply state tax funds will or will not be requested for the cafeteria and student health services areas. The financial program will be developed at a later time.

"Funds for the preliminary planning of this project were made available by the Housing and Home Finance Agency of the federal government through an interest-free advance.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendations.
Mr. Forrester continued:

"When the Board approved revised basic studies for the proposed Student Health Center Building for the University of Oregon at the June 11, 1963, meeting, it was reported that the completed preliminary plans would be referred to the Board for review and approval prior to authorizing the preparation of final plans and specifications. Architects Balzhiser, Seder & Rhodes and University of Oregon officials have filed with the Board's Office the completed preliminary plans for this facility, indicating that the estimated gross area thereof has been reduced from 39,078 square feet to 36,892 square feet. Based upon a more thorough investigation of costs, the direct construction costs are estimated to be $880,316, averaging $23.86 per square foot. The total project cost is estimated to be $1,100,000.

"As reported previously, the proposed site for the Student Health Center is an area on the south side of Thirteenth Avenue between Agate and Beech Streets in close proximity to several of the new dormitories. It will contain two floors plus a partial basement. The main floor level, housing a gross area of approximately 16,060 square feet, will include reception, business and administration offices and the outpatient clinic which is composed of suites for ten doctors, shared consultation and examining rooms for three part-time specialists and the medical core facilities such as the pharmacy, minor surgery, X-ray suite, and central supply areas and nurses' treatment rooms. The gross area of the second floor is 13,236 square feet, of which 12,102 square feet will be finished in order to provide for twenty two-bed wards and four single-bed isolation rooms, day room, nurses' station and related facilities, minor surgery and examining room for after-hours treatment, and food service facilities. The unfinished area of 1,134 square feet will be completed when the institution requires four additional two-bed wards. The finished and semi-finished areas of the basement will be approximately 5,851 square feet, to be utilized for food storage, linen rooms, storage of medical records, employees' dayroom and mechanical space. The basement corridor is intended to be used for large scale immunization programs, as needed. Unfinished space aggregating approximately 1,745 square feet will be provided for the possible future development of a physical therapy area, making the total gross area of the basement 7,596 square feet. Provision is made for the expansion of the health center, principally for additional hospital beds and doctors' suites, adequate to serve a student population of approximately 22,500. The initial unit will meet the requirements for a projected enrollment of 13,000 students expected in the fall term of 1966.

"The structural frame of the building is reinforced concrete with exterior finishes of brick veneer and precast concrete panels with exposed aggregate finish. The medical core and doctors' suites will be air cooled, but it is not expected that the hospital rooms will be air conditioned except in the isolation ward. The revised floor plans have been reviewed with Director Purvines and have also been reviewed with Architects Reese & Blachly who are serving as consultants for the project."
"With the concurrence of the Chancellor, President Flemming recommends that the preliminary plans for the proposed Student Health Service Building 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 for the project, solicit bids and award construction contracts within a budget total of approximately $1,100,000. Funds for the project are being provided principally from the Series 1963 B bond borrowings obtained earlier this year, supplemented by restricted fund balances available to the institution.

"The Committee concurs in the recommendation and further recommends that space be planned for air conditioning ducts in the student hospital area so that air conditioning can be added later if it proves to be necessary."

The Board adopted the report and authorized the recommendations as presented.

Mr. Forrester continued:

"President Flemming recommends that a total of $30,000 of restricted funds obtained from building use allowances related to research and instructional contracts and grants be allocated to remodel the south end of the Science Building Annex which was constructed at the University of Oregon in 1959. The remodeled space would be used as a research laboratory for Dr. Edward Herbert, a professor of chemistry, who has a project financed from U. S. Public Health Service funds entitled, 'Reactions of Terminal Nucleotides of Ribonucleic Acid'.

"Initially, it was expected that the total cost of the work would not exceed $12,000 and the transfer of this amount of restricted funds was approved by the Board's Office. It now appears desirable to increase the scope of the project to include the construction of a cold room, a dark room, and an animal room with constant temperature and humidity control at an estimated additional cost of $18,000. No state tax funds will be used in the remodeling.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendations as presented.

Mr. Forrester continued:

"After consultation with Architects Bear, McNeil, Schneider, Bloodworth & Hawes, with representatives of the State Fire Marshal's office and with institutional personnel concerned with dormitory operations and maintenance, President Jensen recommends that the appropriate Board officials be authorized to solicit bids and award contracts for the installation of an automatic fire sprinkling system in Waldo Hall, a dormitory at Oregon State University. This building was constructed in 1907 and currently provides housing accommodations for 302 students within a gross area of approximately 73,404 square feet. The estimated cost of the work is approximately $27,100, including professional services fees for the preparation of plans and specifications. Funds would be provided from restricted fund balances available to the institution.
"The Chancellor concurs in the recommendation to install an automatic fire sprinkling system in Waldo Hall.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendation as presented.

Mr. Forrester continued:

"At the July 1963 meeting, the Board requested a detailed report outlining the requirements of the State Fire Marshal with respect to the proposed replacement of doors and hardware in McArthur Court at the University of Oregon. Funds were allocated for this purpose from the Board's reserve for plant rehabilitation in an amount not to exceed $22,000.

"University of Oregon officials have reviewed with representatives of the State Fire Marshal's office and the Eugene Fire Department the following requirements stipulated in a notice from the State Fire Marshal dated April 2, 1963:

1. Repair or replace all exterior exit doors so they will open when not more than 15 pounds pressure is applied. Practice of using chains and locks to control traffic when building is occupied must be discontinued.

2. Remove latch type locking devices from inner court exit doors and install panic bars.

3. Overhaul east inner court folding exit door so it cannot be locked to prevent full use of door width.

4. Erect posts or other barriers to prevent vehicles from blocking fire escapes on east side of building.

"Upon the recommendation of President Fleming, in which the Chancellor concurred, authorization was given to the University of Oregon to proceed with the replacement of the doors and hardware in compliance with the requirements stipulated by the Fire Marshal.

"The Committee recommends acceptance of the report."

The Board adopted the report as presented.

Mr. Forrester continued

"At its October 23, 1962, meeting, the Board authorized the appointment of Architects Bear, McNeil, Schneider, Bloodworth & Hawes to make a study of the feasibility of remodeling several old buildings on the campus of Oregon State University. Included among these buildings was Agriculture Hall, a wood-frame structure with brick veneer, constructed in three stages during the period 1909-1913. It contains a gross area of approximately 119,712 square feet and provides office, classroom and laboratory space for the administration and soils departments of the School of Agriculture, for the mathematics, microbiology and zoology departments of the School of Science, and related service spaces."
A copy of the architects' report concerning Agriculture Hall has been filed with the Board's Office indicating that a substantial number of deficiencies exist in the structure with respect to present day building code and fire code requirements. The architects have noted that the State Fire Marshal commented on several of these deficiencies in 1961 and 1962 and recommended each time that the following steps be taken in order to minimize the fire hazards:

1. Close open stairways of north wing at second and third floor levels with one-hour fire-resistive material and install one-hour wire glass doors leading into stairwells.

2. Replace existing door between basement and main floor with a one-hour fire-resistive door.

3. Close open stairways of south wing in order that each level will be separated from the adjacent level with one-hour fire-resistive material and one-hour wire-glass doors.

4. Replace existing door in center section leading from lobby to basement with a one-hour fire-resistive door.

5. Keep fire doors closed. Discontinue practice of wedging or blocking doors open.

6. Relocate research laboratories with their accompanying complicated equipment, furnaces, ovens, electric motors and flammable gases to a more fire-resistive structure or structures.

"With the concurrence of the Chancellor, President Jensen recommends, if the people vote on October 15, 1963, in favor of the amendments to the Oregon income tax law by the 1963 Legislature, that the architects be authorized to make a more thorough survey than they have already made in order to study the various possible means of rehabilitating Agriculture Hall. This would include a review of the structural, electrical and mechanical needs, the Fire Marshal's requirements, and the possibility of utilizing an automatic fire system in lieu of some of the remodeling. A detailed cost estimate of altering the structure for use as a general classroom and office building would be developed in comparison with estimates for providing new space of equivalent utility on the site. The study would also include the practicability of replacing the building in several parts or phases.

"Fee payments to the architects would be made on the same hourly rate schedule as that in effect for the original feasibility survey, with the understanding that the total additional requirement would not exceed $3,000. Funds for these professional service charges would be provided from the operating budget of the Physical Plant department at the institution.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendation as presented.
Mr. Forrester continued:

"With the concurrence of the Chancellor, President Rice recommends the appointment of Architect James L. Payne of Salem for the planning and supervision of construction of Dormitory No. 6 at Oregon College of Education. This project is included in the self-liquidating capital construction program authorized by the 1963 Legislature. The residence unit will provide housing for approximately 147 students, similar in design and program with Dormitory No. 5 for which the architect is now completing the working drawings. The professional services fee, including all architectural and engineering work, is to be 4.25 per cent. Funds for the planning are available from restricted fund balances at the institution.

"In connection with the planning of this additional dormitory unit, it appears advisable to undertake basic studies for the entire dormitory complex which may eventually house approximately 900 students. Consequently, President Rice, with the concurrence of the Chancellor, recommends that Architect Payne be employed on an hourly basis to develop a site plan for the dormitory complex with the understanding that the total fee, including the services of consultants, will not exceed the sum of $2,400. The funds required for this work are also available to the institution from restricted fund balances.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendation as presented.

Mr. Forrester continued:

"With the concurrence of the Chancellor, President Stevenson recommends that the appropriate Board officials be authorized to employ Architect Robert J. Keeney of Medford to prepare plans and specifications for the next two units of Cascade Hall, the dormitory complex at Southern Oregon College. Mr. Keeney has prepared the plans and specifications for the initial units of this dormitory complex located east of Indiana Street. Tentatively, it is expected that the first of these additional units, to be identified as Unit F, would be constructed during 1964-65 in order to be ready for occupancy by the fall term 1965. The other unit, to be identified as Unit G, may be constructed simultaneously with Unit F, if financing thereof becomes available, or may be constructed in the following year, depending upon dormitory space requirements. The planning would be accomplished in such a way as to permit construction of only one unit or both units as conditions may require. It is tentatively estimated that the cost of Unit F to house and provide dining facilities for 100 would approximate $440,000; and if simultaneously construction can proceed with Unit G, with the same facilities, the additional cost would approximate $400,000. Moneys for architectural planning will be provided from restricted funds available for such purposes.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendation as presented.
Mr. Forrester continued:

"Bids were received in Ashland on August 8, 1963, for the construction of the proposed Unit E of Cascade Hall and for the kitchen and dining facilities for the Cascade Hall complex at Southern Oregon College, summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>2</td>
<td>$517,157</td>
<td>$546,520</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>7</td>
<td>199,946</td>
<td>227,873</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>7</td>
<td>56,600</td>
<td>78,772</td>
</tr>
<tr>
<td>Built-In Furniture</td>
<td>2</td>
<td>33,680</td>
<td>43,997</td>
</tr>
</tbody>
</table>

"The sum of the low bids for the total project was approximately 5.0 per cent above the estimate indicated by Architect Robert J. Keeney. An analysis of the bids indicated that those applicable to the residence hall, Unit E, were somewhat lower than the architect's estimate, but those applicable to the kitchen and dining rooms were higher than anticipated. After a rather thorough study of the bids and after consultations with the low bidder for the general work, the architect, and representatives of the institution to determine whether changes could be made to reduce the cost of the project without sacrificing its essential features, President Stevenson, with the concurrence of the Chancellor, recommended to the Executive Committee of the Board that construction contract awards be made to the low bidders for the program as originally planned. The Committee authorized proceeding and approved the following budget:

<table>
<thead>
<tr>
<th>Dormitory Kitchen and Dining Rooms</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit E</td>
<td></td>
</tr>
<tr>
<td>Direct Construction*</td>
<td></td>
</tr>
<tr>
<td>General Work - Todd Building</td>
<td></td>
</tr>
<tr>
<td>Company, Roseburg</td>
<td></td>
</tr>
<tr>
<td>Mechanical Work - Stuart Mechanical, Inc., Medford</td>
<td></td>
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<tr>
<td>Electrical Work - Steeck Electric Company, Medford</td>
<td></td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
</tr>
<tr>
<td>Built-in Furniture Work - Educators Manufacturing Company, Tacoma</td>
<td></td>
</tr>
<tr>
<td>Total Direct Construction Costs</td>
<td></td>
</tr>
<tr>
<td>Architect's and engineering fees</td>
<td></td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td></td>
</tr>
<tr>
<td>Landscaping</td>
<td></td>
</tr>
<tr>
<td>Legal and miscellaneous costs</td>
<td></td>
</tr>
<tr>
<td>Construction Supervision</td>
<td></td>
</tr>
<tr>
<td>Contingencies (2% of direct construction costs)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

Source of Funds:

Series 1963 A General Obligation Bonds ($954,000 par $934,920
value @88)

*Direct construction contract amounts adjusted to reflect savings of $17,264 offered by low bidders for combination of Unit E and Kitchen-Dining Rooms.
"For the gross area of 40,159 square feet within Dormitory Unit E and the kitchen and dining room for the Cascade Hall complex, the direct construction costs, including built-in furniture, average $20.10 per square foot. The capacity of the residence hall, Unit E, is 102 students. The average investment per student, covering housing and food service facilities for each of the 402 student occupants of the first five units of the Cascade Hall complex, completed or under construction, is $4,602. It is recommended that the action of the Executive Committee of the Board authorizing the awarding of contracts and approving the financial program for the project be confirmed.

"The Committee concurs in the recommendation."

The Board adopted the report and confirmed the action of the Executive Committee.

Mr. Forrester continued:

"Bids were received in Portland on August 14, 1963, for the construction of the proposed Residence Hall and Radioactive Isotopes Laboratory Building for Oregon Technical Institute, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>3</td>
<td>$814,717</td>
<td>$975,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>5</td>
<td>143,717</td>
<td>195,695</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>4</td>
<td>62,959</td>
<td>74,519</td>
</tr>
<tr>
<td>Built-in Furniture</td>
<td>4</td>
<td>153,959</td>
<td>223,944</td>
</tr>
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<td></td>
<td></td>
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</table>

"The bids for the built-in furniture work exceeded substantially the amount budgeted for this portion of the work. Since Architects Skidmore, Owings and Merrill indicated that savings could be accomplished through changes in the plans and specifications, the bids for such furniture were rejected.

"The sum of the low bids for the general, mechanical and electrical work was approximately 7.8 per cent above the estimates indicated by the architects. However, by reducing the contingency fund to 2.0 per cent of direct construction costs, by revising the amount budgeted for dormitory furnishings and equipment to reflect the requirements based upon a detailed listing thereof, and by applying the savings realized recently on the bids for the Commons, it was possible to proceed within the total budget as previously authorized by the Board. A recommendation was therefore submitted to and approved by the Executive Committee of the Board to award contracts to the low bidders and to approve the following budget for the Residence Hall and Radioactive Isotopes Laboratory:

Direct Construction:
- General Work - H. Halvorson, Inc., Spokane
- Mechanical Work - Urban Plumbing and Heating Co., Portland
- Electrical Work - Ace Electric Company, Portland
  Subtotal
- Built-in Furniture Work (estimate)
  Total Direct Construction Costs
  $1,135,133
Architects' and Engineering Fees $ 55,735
Construction Supervision 4,000
Furnishings and Equipment 52,480
Contingencies (2% of direct construction costs) 22,702
Total $1,270,050

Sources of Funds:
Residence Hall:
General Obligation Bonds, Series 1963 B
(par value $1,230,000 @ 98.131) $1,207,011
Restricted Fund Balances 297,989
Subtotal $1,505,000

Less—amount applicable to Commons
portion of Library Commons Building (part of Phase II construction for which contract awards were made in June 1963) 289,185
Net amount applicable to residence hall $1,215,815

Radioactive Isotopes Laboratory Building
State appropriation for completion of educational and general plant (Chapter 548, Oregon Laws 1963) 54,235
Total $1,270,050

"The capacity of the residence hall will be 328 students and the average investment per student, including a pro rata portion of the Library-Commons Building, is $4,223. For the gross area of 62,721 square feet within the residence hall, the direct construction costs applicable to this building, including the estimate for built-in furniture, is $17.26 per square foot.

"For the gross area of 2,650 square feet contained in the Radioactive Isotopes Laboratory Building, the applicable direct construction costs average $19.82 per square foot.

"In view of recent developments relative to the state's fiscal position in connection with the referral of the 1963 legislative tax program to the people, the director of the Department of Finance and Administration has indicated tentatively that construction contracting should be deferred for the Radioactive Isotopes Laboratory, which was to have been financed from General Fund resources. Consequently, the contractors are being asked to approve a change order which would omit this building from the scope of the work contemplated by the bid invitation. If funds for the construction become available within the near future, the work would be re-instated. Such a procedure would not interfere with the construction of the residence hall for which the completion date of July 30, 1964, has been scheduled. The housing facilities are needed on the campus since operations are expected to be moved to the new plant for the fall term 1964."
"With the concurrence of the Chancellor, President Purvine recommends that the action of the Executive Committee be confirmed; that the appropriate Board officials be authorized to instruct the architects to prepare revised plans and specifications for the built-in furniture work for the residence hall, solicit bids and award construction contracts therefor within the budget limitations indicated above; and to proceed with contracting for the isotopes laboratory when state tax funds are available.

"The Committee concurs in the recommendations."

The Board adopted the report, confirmed the action of the Executive Committee, and authorized the recommendations as presented.

Mr. Forrester continued:

"At its regular Board meeting of June 11, 1963, the Board determined that a request should be made to the Attorney General for an opinion to advise whether it would be appropriate to include in the proposed bond sale, scheduled for August 1, 1963, an amount which would provide funds to finance the cost of land acquisition and construction of a parking facility for the use of the Portland Motor Pool operated by the Department of Finance and Administration.

"In reply to the Board's request, the Attorney General on August 9, 1963, rendered an opinion to the effect that the use of proceeds from the sale of bonds under Article XI-F(1) for the proposed parking structure to be operated jointly by the State Board of Higher Education and the Department of Finance and Administration would be contrary to the constitutional provision referred to and that there is neither implied nor expressed authority for such use to be found in the constitution.

"The Committee accepts the report and recommends that in the parking structure to be constructed for Portland State College, no space be provided for any other state agencies, in accordance with the Attorney General's opinion."

The Board adopted the report and approved the recommendation as presented.

Mr. Forrester continued:

"At the January 22, 1963, meeting, the Board was advised of construction contract awards and the budget for the Oceanography Building at Oregon State University for which a grant of $500,000 was provided from the National Science Foundation and the remaining costs of $166,500 were to be financed from restricted fund balances available to the institution. Since the bids exceeded the preliminary pre-bid estimates, it was necessary to exercise an alternate for the elimination of the sun screen on the south side of the building. The general contractor had quoted a price of $16,893 for
this item. In anticipation of the possibility that this alternate might be reinstated during the construction period, Architects Jeppson & Miller obtained a commitment from the contractor to extend the period for the acceptance thereof until September 21, 1963.

"Recognizing that the sun screen would constitute an integral part of the building, President Jensen, with the concurrence of the Chancellor, recommends that the appropriate Board officials be authorized to reinstate the alternate. To finance the cost thereof, it is recommended that the project budget be increased by $9,715 to supplement the balance available from the construction contingency fund in meeting the costs related to the sun screen. These additional funds would be provided from building use allowances related to research and instructional contracts and grants. The revised total cost of the project would thus be $676,215.

"The Committee concurs in the recommendations."

The Board adopted the report and authorized the recommendations as presented.

Mr. Forrester continued:

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Clearance of
Title to Phi
Gamma Delta
Lot, UO

"The University of Oregon Alumni Holding Company, which is the predecessor in name of the University of Oregon Development Fund, purchased the following described real property in May 1937 for the sum of $7,157.29:

The North 1/2 of Lots 7 and 8, in Block 1 of Kincaid's Addition to Eugene, as platted and recorded at page 36 of volume 3, Lane County Oregon Plat Records, in Lane County, Oregon.

Said deed named the State of Oregon as grantee.

"It is reported that the Development Fund spent approximately $5,276.50 for remodeling and improving the property, bringing the total investment of the Holding Company to $12,433.79.

"At the regular meeting of the State Board of Higher Education on May 16, 1944, (see pages 46-48 of the minutes) the Board authorized the purchase of this property for $12,500 in order to consolidate the ownership of the southern half of Block 1, Kincaid Addition, which was to be used as the site for the construction of the proposed Classroom, Laboratory and Natural History Museum Building. In the summer of 1946, the fraternity house then located on the property was removed to 1337½ Alder Street. Shortly thereafter, the entire half-block, including the subject property, was converted to use as a parking facility. The lot was paved early in 1949 and since that time the area, including the subject property, has been used continuously for parking purposes.
"The title report from Lane County Title Company indicates that the vestee is the State of Oregon for and on behalf of the University of Oregon. However, the following restriction is contained in the deed to the State of Oregon:

'This conveyance, however, is made with the further consideration that the grantee heirs or assigns, will not use said premises for any other than residence purposes, will not construct any building nearer to the front line of any street than twenty feet nor, erect any residence on said premises, the first cost of which shall be less than $2,000, and that any violation of such covenants or either of them, shall work a forfeiture of said estate of said grantee heirs or assigns in and to said premises.'

"The restriction dates back to a Warranty Deed from Harrison R. Kincaid and Augusta A. Kincaid to W. H. Bronton and Ellen Bronton, dated January 24, 1910. Over the years, attempts have been made to attain a release of the restrictions in the deed in the nature of a negative easement from the heirs of Harrison R. and Augusta A. Kincaid. In 1953, the Attorney General was asked for an opinion and advised in substance that additional action would be required before clear title could be evidenced and payment could be authorized by the Secretary of State to the Alumni Holding Company. Thus the purchase money has been held in reserve since the time of the conveyance of the property from the Holding Company in the hope that the known heirs of Harrison R. Kincaid would consent to a waiver or release of the restriction. Contact has been made with Harrison R. Kincaid and Mrs. Dorothy C. Kincaid and their replies have indicated that neither of the heirs will, without legal action, surrender their reversionary interest in the property.

"Consideration has been given by the Board's Office to the possibility of initiating a quiet title suit in view of the fact that more than ten years have elapsed since the University of Oregon has employed the property in violation of the restrictions of the deed. It is doubtful whether the legal principles of adverse possession apply to a negative easement or restrictive covenant, particularly in the situation where the same restrictive covenant affects parcels of property adjacent to the one in the litigation.

"On the other hand, ample authority may be found for condemnation of restrictive covenants and negative easements and it is the recommendation of the Chancellor that in order to clear the title to the Phi Gamma Delta property the Board approve the following condemnation resolution:

RESOLUTION

WHEREAS, under and by virtue of the laws of the State of Oregon, the State Board of Higher Education is authorized to purchase such real property as in its discretion may be necessary for the present and future development of any of the schools or institutions under its jurisdiction; and
WHEREAS, under and by virtue of the laws of this state, whenever any property is required for use by the state and the owner and the board directing the state department or institution for which the property is required cannot agree upon the price to be paid for the property, the State Board of Higher Education is authorized to institute in the name of the State of Oregon any necessary or appropriate suit, action or condemnation proceeding of the property required for such purposes and the assessment of damages for the taking thereof; and

WHEREAS, the State of Oregon, acting by and through the State Board of Higher Education acquired title to the following described real property:

The North 1/2 of Lot 7 and 8 in Block 1 of Kincaid's Addition to Eugene, as platted and recorded at page 36 of volume 3, Lane County Oregon Plat Records, in Lane County, Oregon,

for the public purpose of establishing and maintaining thereon public facilities or grounds for the expansion and development of the University of Oregon; and

WHEREAS, there is contained in the deed conveying the above-described property to the State of Oregon a restriction which reads as follows:

'This conveyance, however, is made with the further consideration that the grantee heirs and assigns, will not use said premises for any other than residence purposes, will not construct any building nearer to the front line of any street than twenty feet nor, erect any residence on said premises, the first cost of which shall be less than $2,000, and that any violation of such covenants or either of them, shall work a forfeiture of said estate of said grantee heirs or assigns in and to said premises.'

such restriction accruing to the benefit of the heirs of Harrison R. Kincaid and Augusta A. Kincaid, husband and wife; and

WHEREAS, the State Board of Higher Education has made every reasonable effort to negotiate with the living heirs of Harrison R. Kincaid and Augusta A. Kincaid for the acquisition of the restrictive covenant upon the real property above described, but to this date has been unable to agree with such heirs upon the reasonable market value or price to be paid for such reversionary interest in the real property or upon the compensation or damages to be paid to said owners of the reversionary interest for the taking of the restrictive covenant for the public use above described;
NOW, THEREFORE, BE IT HEREBY RESOLVED by the State Board of Higher Education in regular meeting assembled:

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

The North 1/2 of Lot 7 and 8 in Block 1 of Kincaid's Addition to Eugene, as platted and recorded at page 36 of volume 3, Lane County Oregon Plat Records, in Lane County, Oregon.

2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property is free and clear of all interests of every kind and nature, including the above-described restrictive covenant, is necessary to carry out the proposed program for the development of facilities or grounds in the expansion of the University of Oregon to meet the public need.

3. That the Vice Chancellor for Business Affairs is directed to attempt to agree with the heirs of Harrison R. Kincaid and Augusta A. Kincaid, deceased, upon the compensation to be paid for the acquisition and taking of the restrictive covenant above described; and that in the event that no satisfactory agreement can be reached, then the Attorney General of the State of Oregon be and he is hereby requested and authorized to commence and prosecute to a final determination such suits, actions and proceedings as may be necessary and appropriate to acquire the fee simple title to the above-described real property, free and clear of all and any encumbrances and free and clear of any restrictive covenant herein mentioned.

"The Committee concurs in the recommendation and also recommends that the Vice Chancellor of Business Affairs be authorized to offer a consideration to the Kincaid heirs not to exceed their actual legal and other costs in connection with the condemnation proceedings."

Upon motion by Director Forrester and second by Director Hart, the above report was accepted, the recommendations were authorized as presented, and the resolution was duly adopted as read with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, Merrifield, Purvine, Snider, and Walsh.

Those voting against adoption were: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote.
Mr. Forrester continued:

"Board members were advised by letter on July 17, 1963, that applications were being prepared for presentation to the Federal Communications Commission and to the U.S. Department of Health, Education and Welfare for an allocation of federal funds, to be matched by state funds, to modernize and augment present television facilities for Channels 7 and 10.

"On August 2, 1963, Chancellor Lieuallen appeared before the State Emergency Board, accompanied by Mr. James L. Turnbull, Deputy Superintendent of Public Instruction, and presented the following report in connection with the application for federal funds and the possible future need for state matching funds for the development of physical facilities for the two television channels:

'During the past six months, Higher Education staff members have been engaged in an extensive study of the technical problems involved in projecting an adequate educational television broadcasting service for the State of Oregon. Throughout the study, which is now in the final stages of refinement, close cooperation and consultation with the Department of Education has been maintained through the Educational Television Subcommittee of the Governor's Coordinating Council for Education.

In broad outline, the study will propose ETV technical development in Oregon in three geographic phases: 1 - Willamette-Coastal Area Phase; 2 - Southern Oregon Area Phase; and 3 - Eastern-Central Oregon Phase. The study will propose that development of all or parts of each phase occur as need and application of educational television is apparent, rather than chronologically. Altogether, the final plan will call for VHF and UHF educational transmitting channels numbering approximately 30, and will propose that the most desirable first step will involve coverage increase of the two channels already in use, Channel 7 in Corvallis and Channel 10 in Portland.

'A somewhat detailed explanation of the study was presented to the Ways and Means Education Subcommittee, and the potential opportunity for Federal Grant funds to assist in construction and improvement of facilities was discussed during the last Legislative session. Federal appropriations for ETV construction grants are generally considered to be assured. The Department of Health, Education and Welfare has issued rules and regulations relating to application for funds and has encouraged prompt filing by the various states.

'It is the recommendation of the ETV Subcommittee of the Governor's Council that filing of Oregon's initial application for Federal Grant funds go forward immediately and that the application be devoted to increasing the coverage of Channel 10, located in Portland, and Channel 7, located near Corvallis, as recommended in the state-wide ETV study.
In consultation with the ETV Subcommittee, the Higher Education staff has prepared the various materials and exhibits required by the Department of Health, Education and Welfare and the Federal Communications Commission to increase Channel 10 from a power of 29 kw to 60 kw, and to relocate the Channel 7, 29 kw, transmitting facility from its present location on Vineyard Hill to Mary's Peak and increase power to 125 kw.

It is expected that filing of these applications will be made within the next week, and that a Federal Grant will be sought in the amount of approximately $323,000. Total project cost will approximate $481,000. In addition to Federal Grant assistance, matching state funds will be required approximating $158,000.

It is not possible to predict the time necessary for preliminary processing by HEW and FCC of the Oregon application. However, it is not unlikely that the Board of Higher Education will be required, prior to final approval of the grant during this fiscal year, to seek appropriation by the Emergency Board of the essential state matching funds.

The applications to the U. S. Department of Health, Education and Welfare have now been filed, including requests for federal funds as follows:

For improvement of physical facilities:

For TV Channel 7, located near Corvallis $208,258
For Channel 10, located in Portland 106,292
$314,550

It is estimated at this time that the amount of state matching funds required, if the applications are approved, will be approximately $154,850. In connection with the proposed improvements to the television facilities, applications have been filed also with the Federal Communications Commission and with the U. S. Forest Service, the latter application requesting use of space on the summit of Mary's Peak near Corvallis to relocate the Channel 7 antenna tower. As soon as action has been taken on the applications by the federal agencies, further report will be made to the Board.

The Committee recommends acceptance of the report.

The Board adopted the report as presented.

Mr. Forrester continued:

Purchase of Thompson Property, OSU

President Jensen, with the concurrence of the Chancellor, recommends, if the people vote on October 15, 1963, in favor of the amendments to the Oregon income tax law by the 1963 Legislature, that authority be given to purchase the E. E. Thompson property located at 2107 Philomath Road, Corvallis, Oregon, which is within the Oregon State University authorized campus boundaries. The property consists of an irregularly-shaped lot, fronting on the
old Philomath Highway, having average dimensions of 110 feet by 107 feet on which are located an old, abandoned service station building and a small shop and storage building. The value of the property is represented principally in the land. The property is not being used for business purposes at present, but it is zoned for multiple family housing. Two appraisals were obtained: $8,505 and $8,240, for an average of $8,373. An option has been obtained for $7,240. The property is needed for relocation of Physical Education facilities.

"Funds for the purchase are to be provided from the Board's land purchase reserve: $2,560 from the appropriation in Chapter 611, Oregon Laws, 1961, and $4,680 from the appropriation in Chapter 548, Oregon Laws, 1963, subject to release of the funds by the State Emergency Board.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendation as presented.

Mr. Forrester continued:

Purchase of Dunning Property, SOC

"President Stevenson, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Dunning property, located at the northwest corner of Francis Lane and Oregon Street, outside of the established campus boundaries, in Ashland, Oregon. The property consists of a lot 77 feet by 125 feet on which is located a three-bedroom modern house and garage. It is needed for future dormitory construction. Two appraisals were obtained: $17,500 and $18,280, for an average of $17,890. An option for $17,500 has been obtained. Funds for the purchase are to be provided from restricted moneys available for the purchase of dormitory sites.

"The Committee recommends that consideration of the purchase of the Dunning property by the Board be deferred until the comprehensive campus plan for Southern Oregon College is presented and revised campus boundaries are considered by the Board. President Stevenson indicated that the campus plan would be presented at the October 1963 Board meeting."

The Board adopted the report and approved the recommendation of the Committee.

Mr. Forrester continued:

Purchase of Rugroden Property, PSC

"President Millar, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Rugroden property located at 1032 and 1040 Southwest Hall Street, Portland, Oregon. The property consists of a lot with an area of 3,350 square feet, with 67 feet fronting on West Eleventh Avenue and 50 feet fronting on Southwest Hall Street. On the westerly portion of the lot there is an old wood frame building, originally a residence, which has been converted to a grocery store on the lower floor. This building
was originally built in 1888. It contains a total of 1,248 square feet on the main floor plus an attached garage 8½ by 23 feet. At the rear of the store building are living quarters.

"Two appraisals were obtained: $44,500 and $45,000, for an average of $44,750. An option has been obtained for $44,500. The property is needed for a portion of the site for the Physical Education Building which was approved by the 1963 Legislature, and funds are to be provided from the 1963 state capital outlay appropriation. Purchase funds have been released by the State Emergency Board.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendation as presented.

Mr. Forrester continued:

Purchase of Matthew Property, PSC

"President Millar, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Mabel F. Matthew property located at 926 Southwest Hall Street. The property consists of a lot with a 38-foot frontage on Southwest Hall Street and with a depth of 100 feet. On the lot is an old one and one-half story frame residence in good condition remodeled into two apartments. At the rear of the lot is a small storage shed. Two appraisals were obtained: $23,000 and $19,000, for an average of $21,000. An option has been obtained for $18,500.

"The property is needed for a portion of the site for the Physical Education Building which was approved by the 1963 Legislature, and funds are to be provided from the 1963 State capital outlay appropriation for the Physical Education Building. Moneys for the purchase have been released by the State Emergency Board.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendation as presented.

Mr. Forrester continued:

Purchase of Stacey Property, PSC

"President Millar, with the concurrence of the Chancellor, recommends that authorization be given to purchase the Stacey property located at 906 S.W. Hall Street, 918 S.W. Hall Street, and 1905 S.W. Park Street, Portland, Oregon. The land measures 50 feet on Southwest Park Street and 100 feet on Southwest Hall Street. The improvements consist of a single family dwelling constructed in 1898 and one three-story frame apartment building containing seven apartments, constructed in 1909.
"Two appraisals were obtained: $41,000 and $45,000, for an average of $43,000. An option has been obtained for $43,000. The property is needed for a portion of the site for the Physical Education Building which was approved by the 1963 Legislature. Funds are to be provided from the 1963 state capital outlay appropriation. Purchase funds have been released by the State Emergency Board.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendation as presented.

Mr. Forrester concluded the Building Committee report with the following:

"President Flemming has advised the Chancellor that dormitory space available in Susan Campbell Hall will not be required during the present academic year and that the space can be used advantageously for faculty office space. Following is President Flemming's report to the Chancellor, dated September 5, 1963:

'Approximately a month ago, as a result of watching on a week-to-week basis the reservations for dormitories as compared with a year ago, I concluded that in all probability we would have vacant beds at the beginning of the Fall Term.

'For the past two years, I have been concerned about the lack of adequate space for the conduct of some of our administrative operations.

'As a result, as far as the present academic year is concerned, I concluded that the most efficient way in which to utilize our present space would be to convert Susan Campbell from a dormitory to an office building.

'Susan Campbell has provided us with space for 114 girls on a regular basis, 142 if we put 5 in a suite. As an office building, it makes available an additional 11,135 square feet of space.

'We have decided to move our placement and counseling activities from Emerald Hall to the new space in Susan Campbell Hall. This frees 5,639 square feet of the space in Emerald Hall. Twenty-five hundred (2,500) square feet of the space in Emerald Hall will be occupied by the Eugene offices of the Continuing Education Service. This will relieve serious overcrowding in the School of Education Building and in Emerald Hall and will make it possible to carry on the work in both of these buildings in a much more efficient manner.

'The Alumni Office is being moved from the Erb Memorial Building where it occupied space which made it difficult to carry on its work effectively.

'The lounge in Susan Campbell is being set aside as an Alumni Lounge and the recreation room underneath the Lounge is being designated as a center for graduate students.
'Other activities which will be housed in Susan Campbell include the Office of Institutional Planning and Research, the offices of OLD OREGON and the NORTHWEST REVIEW. Additional office space is also being made available to the College of Liberal Arts and to the State System of Higher Education.

'Funds are being used to improve both the lighting and heating in Susan Campbell. With the exception of a few changes which are being made in partitions, the improvements that are being made would make this more desirable dormitory space if we should decide to reconvert it for such use.

'In connection with the presentation we will make at the October meeting of the Board relative to financing plans for Dormitories 8 and 9, we will indicate what it would mean to the financing of our dormitory program if Susan Campbell were withdrawn permanently from use as a dormitory. My present inclination is to recommend that this be done but I want to hold such a recommendation in abeyance until the financing program has been re-studied.'

"The Committee recommends acceptance of the report with the understanding that the Board will consider at its October 1963 meeting the permanent use to be made of Susan Campbell Hall."

The Board adopted the report as presented.

Mr. Chas. R. Holloway, Chairman of the Finance Committee, presented the following report:

"The University of Oregon Medical School reports that the Harrison Land Sale Contract, which was assigned to the Medical School in 1961 by the executor of the estate of Sarah F. York, deceased, has been in default for some time. The purchasers under the contract are Orel E. and Jeanne S. Harrison, and involved is the property at 7823 Southeast 49th Avenue, Portland, Oregon. The unpaid principal balance remaining is $5,751.07. Payments made by the purchasers have been applied in full to meet interest up to and including January 9, 1963, and no funds have been made available to apply against scheduled principal retirements.

"Because of the delinquency, Dean Baird, with the concurrence of the Chancellor, recommends that authorization be given to the Vice Chancellor for Business Affairs to initiate action to foreclose the contract after proper notice has been given as provided in the contract.

"The Committee concurs in the recommendation."

The Board adopted the report and approved the recommendation.
Mr. Holloway continued:

"The University of Oregon Medical School reports that the Seth W. and Shirley B. Shearer mortgage which was assigned to the State of Oregon by the executor of the estate of Sarah F. York, deceased, is in default. The property involves the tract located at 121 Southwest 79th Avenue, Portland. No payments have been made on the principal amount due in the amount of $5,461.23 since the transfer from the First National Bank as executor. Interest on the mortgage has been paid up to and including the 9th day of June 1962. Furthermore, the Medical School has been required to purchase a fire insurance policy on the property at a cost of $25.91.

"In view of the payment record and the absence of any evidence which would indicate that the Shearers are prepared to make regular payments, Dean Baird, with the concurrence of the Chancellor, recommends that authorization be given to the Vice Chancellor for Business Affairs to initiate action and take appropriate legal steps to foreclose the mortgage after proper notice has been given as provided in the mortgage.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendation as presented.

Mr. Holloway concluded the report of the Finance Committee with the following:

"The Vice Chancellor for Business Affairs has presented to the Finance Committee of the Board the annual investment report, dated June 30, 1963. The report indicates that the total investments during the past fiscal year of benefit to the Department of Higher Education amounted to $21,332,155.53, and excluding investments administered by outside trustees, the total amounted to $20,257,344.85. Of the total investments, the amount of the Pooled Endowment Funds assets was $3,102,179.60. The interest earned on the Pooled Endowment Funds during the past year was 4.28 per cent. The Vice Chancellor for Business Affairs recommends, with the concurrence of the Chancellor, that for the year 1963-64 participants in the Pooled Endowment Funds be paid interest at the rate of 3.9 per cent.

"The Vice Chancellor for Business Affairs reported that Mr. Arthur Cannon, Vice President and Treasurer of the Standard Insurance Company, and Mr. W. P. Stalnaker, retired president of the company, rendered valuable suggestions and criticisms to the Finance Committee, especially in the field of bond and mortgage investments.

"The Committee recommends acceptance of the report and also recommends that appreciation be expressed to Mr. Stalnaker and Mr. Cannon for their suggestions in connection with bond and mortgage investments."

The Board adopted the report and approved the recommendation as presented.
Mr. Allan Hart, Chairman of the Committee on Curricula, presented the following report:

"At its January 24, 1961, meeting, the Board asked the Chancellor and his staff to make a detailed study and report of curricula and courses in one area of professional education, guidance and counseling, at the several institutions.

"At the request of the Chancellor, Dr. Miles Romney, Vice Chancellor for Academic Affairs presented a report of a special committee, made up of the deans and department heads of professional education of the universities and colleges in the system, which has worked with Dr. Francis B. Nickerson and a representative of the Division of Continuing Education for more than eighteen months in a study of all professional education curricula and courses at the several institutions.

"The resulting report emphasized the fact that the problem of appropriate assignment of responsibilities for specialized areas of instruction in professional education appears primarily at the graduate level. Since all six universities and colleges in the system have been authorized to offer one or more graduate degree programs in the preparation of teachers, the problem of allocation of specific areas of responsibility is unusually complicated.

"The findings and recommendations of the committee have been examined and approved by the institutional executives. The complete report follows:

Graduate Professional Education Programs and Courses in the Oregon State System of Higher Education

This statement is designed to serve three purposes:

1. to describe the areas of specialization in professional education in which State System institutions offer graduate work leading toward the Ed.D., Ph.D., or master's degrees, as these are set forth in the institutional catalogues.

2. to set forth a statement of guiding principles, recommended to the State Board of Higher Education for approval, to be used when future changes in programs and courses in professional education are under consideration.

3. to propose for State Board of Higher Education consideration, specific recommendations relating to programs in professional education in State System institutions.
Current Catalogue Listings
of Graduate Professional Education Degree Programs

In Tables I and II, below, are listed the areas of specialization in which State System institutions offer graduate work in professional education leading toward the Ed.D., Ph.D., or master's degrees, according to the institutional catalogues. It is recommended that this listing be accepted as the presently authorized programs in professional education, and that modifications in present authorizations in these programs be made only in accordance with the guiding principles set forth in the next section of this statement, or as these proposed principles may be amended by the State Board of Higher Education.

TABLE I

Programs Leading to the Ed.D. and/or Ph.D. Degree

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<th>Curricular Area</th>
<th>Degree Offered by</th>
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<td></td>
<td>Oregon State</td>
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<td></td>
<td>University</td>
<td>University of Oregon</td>
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<tr>
<td>Elementary Education</td>
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<td>Secondary Education</td>
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<td>Guidance and Counseling</td>
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<td>Curriculum and Instruction</td>
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<td>School Administration</td>
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<td>School Psychological Services</td>
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<td>Remedial Education</td>
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<tr>
<td>Education of Exceptional Children</td>
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<tr>
<td>Educational Psychology</td>
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<tr>
<td>Counseling</td>
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<td>Counseling Psychology (with Psychology Department)</td>
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<td>Higher Education (including college personnel work)</td>
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<td>x</td>
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<td>Music Education (joint program with School of Music)</td>
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<td>Business Education (joint program with School of Business Administration)</td>
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<tr>
<td>Art Education (joint program with School of Architecture and Allied Arts)</td>
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# TABLE II

Programs Leading to Master's Degrees

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<tr>
<th>Fields in Which Specialized Graduate Work Is Offered</th>
<th>Specialized Graduate Work Offered at OSU</th>
<th>U. of O</th>
<th>PSC</th>
<th>EOC</th>
<th>OCE</th>
<th>SOC</th>
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<td>Elementary Education</td>
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<td>Guidance and Personnel</td>
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<td>Agricultural Education</td>
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<td>Home Economics Education</td>
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<td>Industrial and Industrial</td>
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<td>Arts Education</td>
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<td>School Administration</td>
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<td>Remedial Education</td>
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<td>Education of Exceptional Children</td>
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<td>Teaching of the Deaf</td>
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<td>Special Education</td>
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1Oregon State University and the University of Oregon offer the M.A., M.S., and M.Ed. degrees. Portland State College offers the M.A. and M.S. in teaching degrees. Eastern Oregon College, Oregon College of Education and Southern Oregon College offer the M.A. and M.S. in education, with options for specialization as shown.
Recommended Principles for Guiding Developments
in Professional Graduate Education in State System

It is recommended that the following be adopted by the State Board of Higher Education as a guide in authorizing doctoral and master's degree programs and graduate courses in professional education.

1. Programs Leading to a Doctor's Degree. Allocation of a program leading to a doctor's degree in a field of professional education should be determined by the State Board of Higher Education, based upon prudent use of State System resources. Such programs should be allocated only to an institution in which faculty, library, physical facilities and other resources can be made available to provide instruction and research of high quality, when there is a need for trained persons, and where student demand is likely to produce justifiable enrollments. With planned exceptions, an allocation of a program leading to a doctor's degree should be made only to one institution.

2. Programs Leading to a Master's Degree. All institutions of collegiate grade should offer programs leading to master's degrees in elementary teaching and in secondary teaching. In other specialized fields of professional education, a program leading to a master's degree should be allocated by the State Board of Higher Education only to an institution in which faculty, library, physical facilities and other resources can be made available to provide instruction of high quality, where there is a need for trained persons, and where student demand is likely to produce justifiable enrollments. Occasionally more than one institution would be allocated the same specialized master's program.

3. Graduate Courses. Some graduate courses in specialized fields of professional education may be offered at any collegiate institution in which the Chancellor's office determines that the staff, library, and physical facilities, and other resources can be made available to offer instruction of high quality, and where student demand is likely to produce justifiable enrollments, to the end that students may be sensitized to these fields and encouraged to study them further at institutions which are allocated graduate programs.

Specific Recommendations Concerning
Programs in Professional Education
Which Require State Board Action

The following proposals affecting curricular programs in professional education have been discussed by institutional representatives and institutional executives and are now presented for State Board consideration. Approval by the Board of the recommendations listed below will mean that institutional requests to implement these proposals will be approved following submission of such requests through appropriate institutional channels.

1. Institutions authorized to prepare teachers offer either a program leading to a Master of Arts or Master of Science degree in Teaching, or an Interdisciplinary or General Studies Master's degree, the programs to include:
   a. 30-36 hours of graduate academic credit
   b. 9-12 hours of graduate professional credit.
2. The Master of Education degree be reserved for graduates of programs in specialized fields of professional preparation, e.g., guidance and counseling, school administration, etc.

3. Institutions authorized to prepare teachers offer a fifth-year program, not leading to a degree, for both elementary and secondary teachers, the program to include from 30-36 hours of graduate academic credit and 9-12 hours of graduate professional credit. Teachers entering these programs would not be required to meet the standards for admission to candidacy for a graduate degree.

4. Oregon State University be authorized to offer master's degrees in elementary education.

"Dr. Romney stated that the aims of the recommendations in the report, which has been examined and approved by the institutional executives, are: (1) to put in one place in the Board's records a complete statement of the allocation of responsibilities in professional education among the institutions, (2) to establish guidelines for future curricular developments in this field useful to both the faculties of the institutions and the Board, and (3) to authorize certain curricular developments in the field of education, should appropriate requests to implement these developments be made by the institutions.

"The report was discussed in detail by Board members and many questions were directed to the Chancellor and Dr. Romney.

The Committee recommends that the Board accept the report but that action be deferred on the specific recommendations until the institutional executives have considered them further. It is understood that the recommendations will be presented to the Board at a later meeting.

Mr. Hart concluded the report of the Committee on Curricula with the following:

"More than a year ago the Board assured high school faculties and students that a minimum of one year would elapse between the announcement of any further increase in admission requirements and the effective date of the increase. Consistent with this assurance the Board wishes to announce that it has contemplated no change in the admission requirements for graduates of Oregon's high schools for the fall term of 1964.

"It is only fair, however, to recognize that if the tax program enacted by the 1963 Legislature is defeated at the special election on October 15, there will be imposed on the Board responsibilities for effecting substantial reductions in its expenditures of state-appropriated funds for the remainder of the biennium, or at least until an adequate new tax program can be implemented. The devices which the Board has announced it would employ in order to effect these reductions include a substantial lowering of the number of students to be served during the second year of the present biennium. The Board knows of no better means of reducing these numbers than to raise the standards of admission for entering freshmen."
"Hence, the Board regretfully announces that, if the tax program is defeated and if adequate state funds cannot be made available from other sources, standards of admissions for entering freshmen effective fall term 1964 will be raised substantially above the present required level of a C average.

"It should be noted also that facility limitations at some of our institutions may force differential requirements for admission, should a particular institution exceed the number which can be accommodated. For example, Oregon Technical Institute, with a specialized curriculum, can accommodate only about 800 full-time equivalent students based upon a three-term average. Should the demand upon Oregon Technical Institute facilities exceed the number which can be served, the enrolment at that institution may need to be limited by changing standards of admission.

"It is particularly unfortunate that the threatened limitation upon operating and capital construction funds should occur at the precise time when the post-war birth bulge will strike the colleges and universities. Some of Oregon's high schools will graduate nearly fifty per cent more students in 1964 than they graduated in 1963. The Board of Higher Education, however, repeatedly has stressed the urgency of maintaining quality of instruction in the institutions which it governs. If it becomes necessary to limit the numbers served in order that quality be maintained the Board will not hesitate to take the necessary action.

"The Committee recommends that no action be taken on the report regarding changes in admission requirements and that this matter be considered in connection with the Chancellor's report on measures which will be required if the people disapprove the amendments to the State income tax law enacted by the 1963 Legislature."

The Board concurred in the preceding recommendations. Discussion on proposed changes in admission requirements appears in the Chancellor's report related to the tax referral measure.

Mr. Chas. R. Holloway, Jr., Chairman of the Ad Hoc Committee on Board Procedures, presented the following report:

"Nearly two years ago President Walsh appointed a Committee on Board Procedures to study and make suggestions for streamlining and improving these procedures. The Committee was composed of Board members Hart, Purvine and Holloway with Holloway assigned responsibility as chairman. The Committee interviewed the institutional executives and discussed the problems informally with other Board members and with several staff members in the Board's Office. A series of tentative committee reports resulted, each of the tentative reports being revised after further consultation with the Board and staff members. This draft represents the consensus of the Committee and it is believed that it is consistent with the recommendations of institutional executives and other staff members."
'At the present time the committee structure of the Board provides for the following permanent committees: Executive; Finance; Curricula; Buildings, Grounds and Capital Outlay; Insurance; Public Relations; and Agricultural Extension and Experiment Stations. The following special committees are established: Libraries; Medical Education; and Board Procedures. It is proposed that in addition to an Executive Committee the permanent committees be limited to three as follows:

1. Committee on Finance and Business Affairs
2. Committee on Buildings and Physical Facilities
3. Committee on Academic Affairs, Personnel, and Public Affairs

'It is proposed that special committees be discontinued and that ad hoc committees be appointed only for the purpose of performing special assignments.'

'Three Board members should be assigned to each of the three permanent committees listed above. One or more staff officers in the Board's Office should be assigned as consultants to each of the three committees and should be available to these committees at their meetings.'

'Meetings of the several committees normally will be held between Board meetings rather than on the occasion of the regular Board meeting and will be for the purpose of (1) familiarizing the committee members more fully with the problems of the committee, and (2) completion of special tasks. All committee meetings will be "on call" and will be open to press representatives who will be sent written notices.'

'It is proposed that the procedure followed at the regular meetings of the Board of Higher be modified to eliminate committee meetings during these sessions and to have the Board meet as a Board on both Monday and Tuesday. The printed docket material should be organized as follows:

1. Roll Call
2. Reading of Minutes of Previous Meeting
3. Items Related to Buildings and Physical Facilities
4. Items Related to Finance and Business Affairs
5. Items Related to the Committee on Academic Affairs, Personnel and Public Affairs
6. Personnel Items
8. President's Report
9. Chancellor's Report
10. General Policy Discussions and Determinations
11. Adjournment
"As each item is presented to the Board for discussion it is assumed that members of the appropriate committee will lead the discussion and serve as consultants to the extent that they have been more completely informed on the problems than other Board members. In each instance where it is appropriate the Board will take final action rather than deferring action until the second day of the meeting. It is understood that any items may be considered on the second day.

"It is further recommended that the Board's staff prepare recommendations for standardizing presentations of building plans to include both the style of presentation and the content. The Board's consideration of building plans should be limited to consideration of broad policy items such as campus boundaries, campus planning, relation of the proposed building to the long range needs of the institution, and other similar items. Once the basic studies or preliminary plans for a building have been approved by the Board it should not be necessary for the plans to be resubmitted to the Board unless significant changes are proposed. It is further recommended that the Board's staff prepare recommendations concerning items now brought to the Board for its action which might be delegated to the central office. For example, the selection of architects might be delegated to the Board's staff.

"It is anticipated that each Board meeting will involve discussions in depth, usually on the second day, of one or more basic policy issues related to the State System of Higher Education. It is suggested that for the purpose of experimentation the proposed procedure be followed on one or more occasions before final adoption.

"The Committee concurs in the recommendations and further recommends that the proposed plan be initiated at the October 1963 Board meeting, but that final action by the Board on the recommendations be deferred until after the new plan has been tried out at several Board meetings."

The Board adopted the report and approved the recommendations as presented.

President Wm. E. Walsh announced that because of the impending October 15 election on the tax referral, the next meeting originally scheduled for October 21 and 22 would need to be postponed because of the effect the outcome of the election may have on items to be considered.

It was moved, seconded and carried unanimously that Article 1, Section 9 of the Board's bylaws be suspended. With the rules suspended, it was moved, seconded and carried to postpone the next meeting until October 28 and 29, 1963. The meeting will be held in Portland under the procedures outlined in the report of the Ad Hoc Committee on Board Procedures which appears in these minutes immediately preceding the President's Report.
The Chancellor reported that, with his approval, President Jensen recommended that Dean Miriam Scholl of the School of Home Economics, Oregon State University, be granted a sabbatical leave during the 1963-64 academic year. President Jensen further recommended that Dr. Margaret Fincke, Professor and Head of the Department of Foods and Nutrition, be designated as Acting Dean of the School of Home Economics, effective October 1, 1963, through June 30, 1964, without change in salary rate. The recommendation was approved by the Board.

The Chancellor indicated that in line with the policy of reporting to the Board significant developments within the System, he had asked Dr. Miles C. Romney, Vice Chancellor for Academic Affairs, to present a report on a cooperative program developed between the University of Oregon and the University of Oregon Medical School for graduate study in speech pathology and audiology. Dr. Romney's report appears as Supplement B to these minutes. In his presentation, Dr. Romney stressed that the development of the joint degree program was significant in that it represented another step toward cooperation among the institutions in the use of highly trained and specialized staffs and facilities to strengthen graduate work within the System. It was explained that the program was based on existing course offerings and did not require Board action.

The final item of the Chancellor's report was a proposed statement of the Board's position and possible effects in the event the tax program is defeated. The Chancellor stated that in view of the August 21, 1963, directive from the State Department of Finance and Administration to all state agencies "to begin planning now for the steps that they would take if the appropriation for operating expenses in the current biennium were to be reduced by 10 per cent, 11 per cent, 12 per cent, 13 per cent or 14 per cent", it is necessary that we restate and amplify the stand taken by the Board at its July 1963 meeting. His proposed statement follows:

"The Board of Higher Education repeatedly has declared that insufficient tax support for Oregon's colleges and universities could seriously damage the State System of Higher Education and the economy of the entire state. Now, as Oregon's voters face a special election on October 15, at which time they will accept or reject the 1963 Legislative tax program, it is essential under the responsibilities assigned to the Board that it declare again the actions it would take to protect the quality of its programs in the event funds appropriated to it should be reduced.

"Under no circumstances should the Board's reassertion and amplification of such probable actions be interpreted as a "threat" to the citizens of the state that quality of instruction will be allowed to deteriorate further, or as "threatening" in any other way. On July 9, 1963, the Board emphatically stated that it is determined to admit to the colleges and universities under its control only that number of students it can serve adequately—hence, quality will be maintained to the degree the Board can ensure it."
"If the tax program is voted down at the October 15 election, appropriated funds available to the Board, including building project balances from 1961 appropriations may be reduced by as much as $20 million. This probable reduction is nearly $5 million greater than the total increases provided in the 1963 budget over the 1961 budget. Not only does this potential reduction of funds come at a time when the system already has experienced unprecedented enrollment increases, it comes at the precise time when the post war baby bulge is scheduled to hit the colleges. Oregon's high schools are expected to graduate considerably more students in June 1964 than they graduated last June.

"If the voters fail to approve the tax program, and until such time as other adequate revenue provisions can be made, the Board must take action to reduce the expenditures of appropriated funds by approximately $10 million for operation and maintenance of the instructional programs and for various public service activities under the Board's direction. In addition, approximately $10 million for needed building projects would be unavailable.

"It now appears that all of the following steps would have to be taken in the event of extensive appropriation reduction:

1. Limitation on Future Enrolments

In all probability the Board would allow no increase in enrolments for 1964-65 beyond the numbers enrolled for the first year of the biennium. Such action would deny admission to approximately 3,000 students who would otherwise qualify. The Board knows of no better way to limit actual numbers of students than to raise the admission requirements for entering freshmen.

2. Increase in Tuition

Tuition charges for Oregon students were increased this biennium by more than 20 per cent over the charges for the previous biennium. For nonresident students the increase has been almost 60 per cent. In the event of substantial reductions in appropriated funds, the Board would increase further these already high tuition rates by as much as 30 to 35 per cent per year. The evidence is clear that these suggested increases would deny many capable Oregon students an education in our state colleges and universities. The tuition rates indicated for both Oregon and nonresident students would be among the highest in the nation. Should such increases become necessary, it is the Board's intent to return tuition charges to their present levels at the earliest possible time, contingent on provision of adequate state support.
3. **Reduction in Non-instructional Support Services**

Consistent with its declared policy of maintaining the quality of instruction, the Board would reduce expenditures for rehabilitation, repairs, and maintenance of college and university buildings and grounds and other non-instructional support services. Although such reductions may not immediately impair quality of instruction and services, it is obvious that they would result ultimately in greater costs; nevertheless, short term savings could be effected.

4. **Reduction in Hospital, Clinic and Other Public Services**

In amplifying the impact of loss of tax revenue on the level of public services for which it is responsible, the Board re-emphasizes its previous statement that under no circumstances should a proposed reduction in service be interpreted as a "threat" from the Board. On the contrary, the most serious threat which the Board could pose would be loss of quality in both instruction and services. Consistent, then, with its determination to maintain quality, the Board would limit the number of patients to be served in its hospitals and reduce its agricultural research programs and extension services. At the Medical School Teaching Hospital and Clinic, it would be necessary to close a 34-bed ward almost immediately and to close a 28-bed ward for approximately one year. A 43-bed ward would be closed at the State Tuberculosis Hospital. At the Crippled Children's Division, treatment would be unavailable for between 200 and 275 child patients. A radical curtailment of research services in agriculture and forestry would necessarily be imposed on the Agricultural Experiment Stations, and a reduction in the combined staffs of the stations and the Federal Cooperative Extension service would affect approximately 90 professional and civil service persons. All county activities throughout Oregon, as well as those in the state central office, would share in severe reductions.

5. **Reduction in Building Projects and Land Purchases**

Two classroom buildings at Portland State College, two classroom buildings at Oregon College of Education, a science building at Eastern Oregon College, and a classroom building at Southern Oregon College would be eliminated. These projects, plus land purchases and some smaller projects, total about $10 million in construction funds. It should be noted that these projects were proposed to eliminate deficiencies at the several institutions rather than to prepare for future enrollment. Furthermore, the local economic effects of eliminating nearly $10 million of construction should not be overlooked.
"Over the past decades, the citizens of Oregon consistently have chosen to support their schools, colleges and universities to the end that excellent opportunities have been provided for their children. Throughout these years the members of the Board of Higher Education and others with similar responsibilities have endeavored to assure superior stewardship and to exercise sound judgment in assuming their responsibilities. It is this combination that has assisted Oregon to prosper as a state.

"At this time of crisis in the state's financial affairs, it is the assumption of the Board that parents and other citizens of Oregon will continue to support all levels of education within the limits of their resources, and will provide adequate tax funds to that end. In preparing for possible inadequate funds, however, the Board believes it has exercised sound judgment in determining the actions which it proposes to take. Nevertheless, it must be re-emphasized in unmistakable terms that, however sound the judgment may be, such actions could cause long-term damage to Oregon and Oregon's System of Higher Education, and could result in irreparable loss of opportunity for Oregon's youth. Only under the most adverse circumstances should these actions be taken. Failure to support the tax program would produce such circumstances."

The discussion on the proposed statement centered mainly on the implications of increased admission requirements and tuition charges. Mr. Forrester felt that increased admission requirements could be defended but that an increase in tuition was discriminatory in that it prevented some of the more able students from attending college. In answer to this observation, the Chancellor indicated that increased tuition was not a matter of maintaining the present enrollment level but was a means of obtaining additional funds required for operating expenses. To establish his point, the Chancellor summarized the financial implications of the defeat of the tax program. The overall deficiency would be so great that without tuition increases there would need to be deeper cuts which would affect quality. He stated, "If we do not raise tuition, then it is our assumption that we cannot possibly begin to maintain quality; we have been unable to devise any other means of producing the kind of income necessary to maintain that quality."

Mr. Hart expressed concern with the fact that the increased admission requirements would impose the entire burden of reduction on the entering freshman class. He felt that the enrollment reductions should be spread over all four classes. Mr. Hart also agreed with Mr. Forrester's stand against increased tuition.

President Jensen emphasized that it was much too early to say where the reduced enrollment cuts will be made. It was his interpretation that the statement presented by the Chancellor did not imply that reductions would all be in the freshman class. Curtailment in enrollment would also come from transfers and out-of-state students at all levels. With regard to increased tuition, President Jensen indicated that a further increase in tuition over those of the past few years in Oregon higher education institutions would mean "that we have stepped beyond the threshold of publicly supported higher education."
President Flemming indicated that at the present time it appeared that the Board must make a choice between increasing tuition and maintaining quality education. The concern should not be the impact on higher education but the impact on the lives of the young people of the state. We must prepare students for living in a complex world. For this reason the quality of education must be maintained even if it means higher tuition costs.

President Millar concurred with the statements previously expressed by both President Jensen and President Flemming. He added further that the public philosophy of higher education is that no matter what the resources they should be shared equally and not restricted to the elite of money or brains. Education of the few leads to educated leadership with uneducated followership. He concluded that although contrary to the continuing philosophy of public education it is absolutely essential to reduce the number of students enrolled by both of the proposed means -- increased admission requirements and increased tuition -- in order to maintain quality.

President Rice stressed the growing need for education in order to obtain employment. In the last ten years, there has been a 40 per cent increase in jobs for individuals with one, two and three years of college and an increase of 60 per cent for graduates and post graduates. These figures argue for maintaining tuition at a reasonable level so that all who can profit by college education will have an opportunity to attend. Ability to profit by an education is not related to the ability to pay.

With reference to the tax referral bill, Mr. Merrifield indicated that it must be realized that the people are not saying they are opposed to education or higher education, but because of other higher expenses they are objecting to and resisting increased taxes.

Mr. Holloway stated that he felt the Chancellor's proposed statement crystallized the discussions started at the July Board meeting. He stated that it was an undesirable but necessary line of action and moved that the statement be adopted as read. The second to the motion was followed by additional discussion.

Both Mr. Forrester and Mr. Hart repeated their objections to the proposed tuition increases because of their discriminatory implications. Mr. Walsh emphasized that the proposals were not made as a threat to the people of Oregon but as a statement of fact. He felt it was the duty of the Board to inform the public as to what effects the defeat of the tax program would have on educational opportunities and standards in the state.

The Chancellor made two observations at this point: (1) that the proposals were most distasteful; and (2) that the proposals are not specific but are intended to suggest what would need to be done in the event of certain contingencies. The extent of the appropriation reductions will determine the extent to which the proposals would be implemented.

At the conclusion of the additional discussion, the motion was adopted by a vote of the Board.
BUILDINGS, GROUNDS AND CAPITAL OUTLAY

Item 1

Budget

Revision for

Student Health

Center Construc-

truction,

SOC

Immediately prior to the special meeting of the Board on August 1, 1963, Southern Oregon College officials advised the Board's Office that the general work contractor on the new Health Service Center was encountering difficulty with regard to soil conditions. Members of the Executive Committee were informed that clay underlying a portion of the construction was practically impervious to water and would not drain. The material appeared to be highly plastic, affording a very poor foundation condition. The Executive Committee authorized the appropriate Board officials to consult with Architects James L. Payne of Salem and Wayne Struble of Medford and to make arrangements for the employment of a soils engineer from the firm of Cornell, Howland, Hayes and Merryfield of Corvallis to make a subsoil investigation in order to determine the most practical method of providing a satisfactory foundation for the structure.

Based upon the recommendations of the soils engineer, which were analyzed by the architects and their engineering consultants, a change order was issued to provide a 10-inch thick concrete slab, reinforced with steel, over a 12-inch layer of gravel and sand with a visqueen-type plastic sheet beneath the floor in order to eliminate any possibility of moisture. The general work contract with Dwight L. Seely was increased $10,350, nearly 10.0 per cent of the original contract sum of $109,294 approved by the Board when construction contracts were authorized in June 1963. A minor adjustment was made to the mechanical work contract in order to provide additional drain lines within the basement area.

Inasmuch as the contingency reserve was not adequate to finance all of the cost of the additional work required by the unanticipated soil condition, it was necessary to add $6,500 to the project budget from restricted fund balances available to the institution. Thus, the total project cost was increased from $213,180 to $219,680.

Confirmation is sought of the action taken by the Executive Committee.

The Board confirmed the action of the Executive Committee.

Item 2

Trout Hepatoma Laboratory,

Change in Estimated Construc-

tion Cost, OSU

On April 23, 1963, the Board approved the appointment of Architect P. Daniel Read of Corvallis to design the building to be used in research in Hepatoma in trout, a liver cancer condition. A grant to cover the cost of the research has been approved by the United States Public Health Service in the amount of $265,000. It was indicated to the Board in April 1963 that funds required for construction of the building would be provided from restricted sales funds balances in the Agricultural Experiment Station, and that the total estimated cost of the building is $42,000.
Bids have now been received through the State Department of Finance and Administration for a prefabricated metal building and a contract award was made to the Sabre Steel Building Company of Milwaukee in the amount of $14,677. Bids for the foundation and plumbing work related to the laboratory building were solicited through the Office of Business Affairs. The low bid received for this work was from James F. Turner, Corvallis, in the amount of $11,530, compared with the architect's estimate of $9,850.

The Executive Committee of the Board has approved a recommendation from Oregon State University officials that the project budget be increased from $42,000 to $57,000, recognizing the increased cost for the site utilities, for the prefabricated building, foundation and plumbing.

Confirmation of the Executive Committee action was recommended.

The Board confirmed the action of the Executive Committee.

Item 3
Report of Approval of Final Plans & Specifications for Science-Mathematics Building, EOC

Eastern Oregon College officials and Architects Hewlett & Jamison have filed with the Board's Office the final plans and specifications for the Science-Mathematics Building. These plans follow very closely the preliminary plans for the project as approved by the Board at its October 1962 meeting with the exception of areas for mechanical and electrical equipment. Upon the recommendations of consulting engineers, such equipment will be housed in an enlarged basement rather than on the roof of the structure, increasing the gross area of the building from 28,200 square feet to 31,030 square feet. Other revisions to the preliminary plans are minor.

The estimated direct construction costs for the complete project are $722,000. However, deductive alternates are being provided to eliminate the elevator and the air conditioning system which may result in savings of approximately $62,000, if necessary. Assuming direct construction costs of $660,000 and a 2.0 per cent contingency fund as approved by the Board at the June 1963 meeting, the total project costs are estimated to be $795,000, including equipment, professional services fees, construction supervision and miscellaneous expenses.

Authorization was given to Board officials at the June meeting to accept the final plans and seek such action as required by the State Emergency Board for the release of funds appropriated for the building by the 1963 Legislature. Inasmuch as these plans were in substantial agreement with the preliminary plans, the architects were advised of the acceptance thereof.

On August 2 the State Emergency Board granted authorization to secure bids and effective September 7, 1963, to proceed with construction with the understanding that should Chapter 627, Oregon Laws 1963, the state tax measure, be referred by petition to a vote of the people, that then this action shall be rescinded. It is possible, therefore, that the presently scheduled construction bids may be postponed.
With the concurrence of the Chancellor, President Bennett recommended that authorization be granted to appropriate Board officials to solicit bids and award construction contracts if the funds required therefor are released and satisfactory bids are received. To fulfill the requirements of the federal government, which made an interest-free advance to cover the cost of the preparation of the final plans and specifications, it was recommended that the following resolution be approved by a roll call vote:

RESOLUTION APPROVING THE COMPLETED FINAL PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE SCIENCE-MATHEMATICS BUILDING, EASTERN OREGON COLLEGE, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education in behalf of Eastern Oregon College accepted an offer from the United States Government for an advance for final plan preparation of a public work described as the Science-Mathematics Building, Eastern Oregon College, La Grande, Oregon; and

WHEREAS, Hewlett & Jamison, Architects, were engaged to prepare a final planning report for the aforesaid public work, and said architects have completed the report and submitted it for approval; and

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Hewlett & Jamison as the basis for detailed planning and construction of the Science-Mathematics Building, Eastern Oregon College, in connection with Housing and Home Finance Agency Project No. P-ORE 31.50 be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the final planning report.

On motion by Director Hart and second by Director Holloway, the above report was accepted and the resolution duly adopted as read with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, Purvine, Snider, and Walsh.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote. Mr. Merrifield was absent from the room during the roll call vote.
Portland State College officials and Architects Skidmore, Owings & Merrill have filed with the Board's Office the final plans and specifications for the proposed Science Building for which funds were appropriated by the 1961 Legislature.

The final plans for the project are in substantial agreement with the revised preliminary plans which were reviewed by the Board in January 1963, although the number of student stations has been revised to give effect to interior space arrangements within the various lecture rooms and laboratories, and the gross area has been increased from 88,617 square feet to 91,164 square feet. This modification is largely accounted for by the difference in the areas of the second through the fifth floors, where the exterior walls were extended approximately six inches to accommodate perimeter ventilation ducts and grills, and by an increase in the sub-basement and mezzanine areas to provide additional storage space. The direct construction costs of the project are estimated to be $2,018,000, including the utility tunnel which is to run from the southeast unit of State Hall along Mill Street to the proposed Science Building. The plans and specifications for the utility tunnel were prepared by Engineers J. Donald Kroeker & Associates.

It is estimated that the total cost of the work, covering the direct construction costs of the building and utility tunnel, fees, equipment, supervision, site acquisition and clearance, etc., will be $2,729,280. Of this amount, $389,280 represents a grant from the federal government and the remaining $2,340,000 was appropriated by the state legislature.

On August 2 the State Emergency Board granted authorization to secure bids and effective September 7, 1963, to proceed with construction with the understanding that should Chapter 627, Oregon Laws 1963, the state tax measure, be referred by petition to a vote of the people, that then this action shall be rescinded. It is possible, therefore, that the bid opening may be postponed.

With the concurrence of the Chancellor, President Millar recommended that authority be granted to the appropriate Board officials to solicit bids and award construction contracts, if the funds are released and satisfactory bids are received.

The Board approved the recommendations as presented.

In accordance with authorization granted by the Board March 12 and April 23, bids were solicited on July 9, 1963, for the alterations to the eleventh floor of the Teaching Hospital relating to the cardiovascular research project. The four bids received ranged from $50,422 to $60,446. Inasmuch as the low bid was well within the cost allowance authorized to Architects Dukehart & Kinne, a contract award was made and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction - E. Carl Schieve, Portland</td>
<td>$ 50,422</td>
</tr>
<tr>
<td>Architects' and engineering fees</td>
<td>4,034</td>
</tr>
<tr>
<td>Contingencies and miscellaneous costs</td>
<td>5,042</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>59,498</strong></td>
</tr>
</tbody>
</table>
Funds for the project are being provided from indirect cost allowances relating to instructional and research contracts and grants to the extent of $48,000 with the balance of $11,498 being provided from the operating budget of the teaching hospital.

The Board confirmed the contract award.

Item 6

On July 28, 1963, the Vice Chancellor for Business Affairs inspected and accepted the work of the construction contractors for Unit D of Cascade Hall, a dormitory at Southern Oregon College, subject to the completion of a few minor items.

The revised construction budget, subject to final adjustment when the remaining costs for furnishings and equipment and other miscellaneous costs have been determined, is indicated below in comparison with the budget approved by the Board in July 1962:

<table>
<thead>
<tr>
<th>Project Costs:</th>
<th>Revised Budget 7/26/63</th>
<th>Original Budget 7/12/62</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Work - Ausland Construction Co., Grants Pass</td>
<td>$238,634</td>
<td>$232,700</td>
<td>$5,934 (1)</td>
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<td>Mechanical Work - Patterson Plumbing Co., Medford</td>
<td>56,986</td>
<td>52,375</td>
<td>4,611 (2)</td>
</tr>
<tr>
<td>Electrical Work - Steeck Electric Co., Medford</td>
<td>19,915</td>
<td>19,750</td>
<td>165 (3)</td>
</tr>
<tr>
<td>Built-in Furniture - E. F. Schuck Co., Seattle</td>
<td>31,743</td>
<td>31,743</td>
<td>-</td>
</tr>
<tr>
<td>Total Direct Construction Costs</td>
<td>$347,278</td>
<td>$336,568</td>
<td>$10,710</td>
</tr>
<tr>
<td>Architectural &amp; Engineering Fees</td>
<td>16,634</td>
<td>16,828</td>
<td>(194)</td>
</tr>
<tr>
<td>Furnishings &amp; Equipment</td>
<td>22,212</td>
<td>15,900</td>
<td>6,312</td>
</tr>
<tr>
<td>Construction Supervision</td>
<td>4,500</td>
<td>4,500</td>
<td>-</td>
</tr>
<tr>
<td>Site Work &amp; Landscaping</td>
<td>2,500</td>
<td>2,500</td>
<td>-</td>
</tr>
<tr>
<td>Legal, Administrative &amp; Miscellaneous Costs</td>
<td>6,876</td>
<td>6,876</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies (% of Direct Construction Costs)</td>
<td>-</td>
<td>16,828</td>
<td>(16,828)</td>
</tr>
<tr>
<td>Total Project Costs</td>
<td>$400,000</td>
<td>$400,000</td>
<td>-</td>
</tr>
</tbody>
</table>

(1) Includes modification of pipe trenches and storm sewer, stairwell, counselor's suite; provides carpeting of lounges and other changes incorporated within eight General Work change orders.

(2) Includes installation of separated temperature zone control system, revision to sheet metal work, heating pipe and cabinet work and changes in soil pipe incorporated within three Mechanical Work change orders.

(3) Includes revision in electrical installation in stairwell and counselor's suite incorporated within two Electrical Work change orders.
The project was designed by Architect Robert J. Keeney of Medford and provides housing accommodations for a total of 88 students and a student counselor, but no dining facilities. Excluding the lounge for future Unit E, constructed as a part of the project, the average area per student is approximately 205 square feet. For the total area of 20,624 square feet, the direct construction costs average $16.84 per square foot.

The Board confirmed the acceptance of Unit D, Cascade Hall.

Item 7

Report of Study of Alternate Fuels for Central Heating and Power Plant, UO

In December 1962, the Board reviewed and approved the preliminary plans prepared by Engineers J. Donald Kroeker & Associates for the proposed addition to the central heating and power plant at the University of Oregon. Subsequently, the 1963 Legislature authorized this project as a part of the self-liquidating capital construction program of the Board for 1963-1965 and funds required therefor were included in the Series 1963 B bonds sold August 1, 1963. Before authorizing the preparation of final plans and specifications for the new boiler and related equipment, the Board's Office requested the engineers to restudy the economic feasibility of using alternate fuels, such as oil and natural gas, recognizing that the capital investment required for equipment burning hoggd fuel would be more than that required for equipment utilizing oil and/or gas. The conclusions and recommendations outlined in the report of the engineers, dated August 1, 1963, confirmed the studies made previously and have been reviewed with representatives of the Northwest Natural Gas Company.

Inasmuch as it appears likely that savings will result from the continued use of wood waste fuel in an amount sufficient to defray the additional cost of a boiler for that purpose in two years, and that hoggd fuel and sawdust are expected to be available in the Eugene area for the foreseeable future, the engineers have been authorized to complete the plans and specifications for the proposed addition to the central heating and power plant at the University of Oregon. These plans will include a boiler having a capacity of approximately 110,000 pounds of steam per hour, designed for burning wood waste fuel but with provision for conversion to gas and oil burning as standby fuels.

The Board confirmed the authorization as indicated.

Item 8

Condemnation of Trager Property, UO

The George A. Trager property located at 1432½ Villard Street, Eugene, Oregon, is needed for a future dormitory site for the University of Oregon. The property consists of a lot 66.7 by 160 feet on which is located a one-and-one-half story frame residence, the main floor of which has a total of 792 square feet. The attached carport has 446 square feet. The interior condition of the house is good, but the exterior paint is peeling.

The owner had planned to sell to the U. S. Post Office Department for a branch station, but on two occasions his petition for rezoning for that purpose was denied by the City of Eugene. University officials have been negotiating for the purchase of the property for over a year, but have not been able to reach a satisfactory agreement, although the owner has signed an option for a price well above the average appraisal.
President Flemming, with the concurrence of the Chancellor, recommended that the Board authorize condemnation action unless a more satisfactory purchase arrangement can be made. In the event a satisfactory price can be reached, it is requested that appropriate purchase authorization be given the Executive Committee with the understanding that a report will be made to the Board. Funds for the acquisition are to be provided from the Series 1963 B State System Building Bonds. It was recommended that the following resolution be approved by a roll call vote:

RESOLUTION

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

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

WHEREAS, the State of Oregon, by and through the State Board of Higher Education, finds it necessary that the State of Oregon acquire title to the hereinafter described real property situated in the City of Eugene, Lane County, Oregon, for the public purpose, to wit, the establishing and maintaining thereon of public grounds or facilities for the expansion and development of the University of Oregon; and

WHEREAS, the State Board of Higher Education has made every reasonable effort to negotiate with the owner thereof for the acquisition of title to such property, but to this date has been unable to agree with such owner upon the reasonable market value or price to be paid for such property or upon the compensation or damages to be paid to the owner thereof for the taking of such property for such public use;
NOW, THEREFORE, BE IT RESOLVED BY THE State Board of Higher Education in regular meeting assembled:

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

   The South 56.1 feet of Lot 8, and the North 10.6 feet of Lot 9 in Block 6 of Amended Plat of Fairmount, Lane County, Oregon as platted and recorded at page 12 of Volume 2, Lane County, Oregon Plat Records.

2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, free and clear of all interests of every kind and nature, is necessary to carry out the proposed building and grounds program of the University of Oregon for its expansion and development to meet the public need.

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

On motion by Director Holloway and second by Director Hart, the above report was accepted and the resolution duly adopted as read with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, Purvine, Snider, and Walsh.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote. Mr. Merrifield was absent from the room during the roll call vote.
Item 9
In accordance with action by the Board on June 11, 1963, authorizing condemnation of the Hill H. Smith property located at 480 Palm Avenue, Ashland, Oregon, continued negotiations have resulted in the acquisition of the property for $8,475, with the concurrence of the Executive Committee of the Board.

The Board confirmed the property purchase.

Item 10
President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Skaggs property, located within the campus boundaries of the University of Oregon at 1598 Villard Street, Eugene, Oregon. The property consists of a lot 50 feet by 160 feet on which is located an old one-story frame building in fair condition and an attached garage. Two appraisals were obtained: $8,500 and $8,000, for an average of $8,250. An option for $8,000 has been secured. The property is needed for future dormitory construction and funds are to be provided from restricted moneys available for the purchase of dormitory sites.

The Board authorized the recommendation as presented.

Item 11
President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Ramsdell property, located within the campus boundaries of the University of Oregon at 1491 Moss Street, Eugene, Oregon. The property consists of a lot 93.6 feet by 53 1/3 feet on which is located a one-and-one-half story frame house and detached garage. The house is in fair condition. Two appraisals were obtained: $8,000 and $7,750, for an average of $7,875. An option has been obtained for $7,875. The property is needed for future dormitory construction and funds are to be provided from restricted moneys available for the purchase of dormitory sites.

The Board authorized the recommendation as presented.

Item 12
President Flemming, with the concurrence of the Chancellor, recommended that authorization be given to purchase the Miller property, located within the campus boundaries of the University of Oregon at 1822 Moss Street, Eugene, Oregon. The property consists of a lot 50 feet by 160 feet on which is located a one-and-one-half story house with a separate garage. Two appraisals were obtained: $15,500 and $15,750, for an average of $15,625. An option has been secured for $15,625. The property is needed for future dormitory development and funds are to be provided from restricted moneys available for the purchase of dormitory sites.

The Board authorized the recommendation as presented.

Item 13
The Umatilla Agricultural Branch Experiment Station of Oregon State University at Hermiston, Oregon, includes a tract of land containing 80 acres which lies adjacent to the property of the C & B Livestock Company of Hermiston, Oregon. This 80-acre tract was acquired from the United States Government in 1954. The C & B Livestock Company is planning to establish a modern livestock feeding yard in the Hermiston area on property which it already owns. In order to accommodate its livestock feeding program it desires to obtain from the State of Oregon
the 80 acres hereinabove mentioned. In consideration of the transfer of the 80 acres from the State of Oregon to the C & B Livestock Company, the C & B Livestock Company is prepared to convey a tract of similar size to the State of Oregon for the use and benefit of the Umatilla Experiment Station. The appraisals on the parcels to be exchanged indicate that they are approximately equal in value.

In view of the fact that there is a reverter clause in the conveyance to the State of Oregon from the United States Government, it is not possible to make a direct exchange between the State of Oregon and the C & B Livestock Company. It is necessary to obtain Congressional action to implement the exchange. Senate Bill 1185 of the 88th Congress, First Session, gives authority to the Secretary of the Interior to accept a deed of Parcel 1 from the C & B Livestock Company and a deed of Parcel 2 from the State of Oregon. Then the Secretary of the Interior is empowered in the bill to grant by deed Parcel 2 to the C & B Livestock Company and Parcel 1 to the State of Oregon, reserving certain rights in the same manner as the original conveyance of Parcel 2 to the State of Oregon. It is noted that Parcel 2, which is now owned by the State of Oregon, has never been actually used by the Experiment Station but is retained for a possible future use, and that Parcel 1 is more valuable in location for future research programs of the Experiment Station.

President Jensen recommends that authority be granted by the Board to the President and Secretary of the Board to execute necessary deeds and documents in order to effectuate the exchange of property between the United States Government and the State of Oregon so as to make possible the exchange of Parcel 2 now owned by the State of Oregon for Parcel 1 now owned by the C & B Livestock Company.

The Board authorized the recommendations as presented.

Item 14

Easement to City of Eugene for Storm Sewer, Westmoreland Housing, UO

President Flemming recommended that an easement be granted to the City of Eugene for the construction of a storm sewer to run from a point north of the intersection of Seventeenth and Cleveland Streets, Eugene, through the Westmoreland Housing area to Amazon Creek. The easement is terminable at the option of the State Board of Higher Education at such time in the future as the City of Eugene discontinues the maintenance of the storm sewer facility. He further recommended that the President and Secretary of the Board be authorized to execute appropriate legal documents to effectuate the granting of the easement.

The Board authorized the recommendation as presented.
Upon the recommendation of Oregon State University officials in March 1963, Grant Kelley & Associates, consulting electrical engineers, were authorized to restudy the economic feasibility of taking electrical service from Bonneville Power sources for transmission to and distribution on the Corvallis campus. A copy of the engineers' report has been filed with the Board's Office. It is estimated that annual savings of approximately $10,532 might be realized if the University were to obtain electrical service from Bonneville Power Administration, wheeled over Consumers' Power lines with institutionally-owned distribution facilities. The energy cost for 24,354,149 kilowatt hours measured from July 1962 to June 1963 purchased from Pacific Power and Light Company cost $183,402. No demand charges were involved nor was the institution responsible for maintenance or repairs which were available and provided on a 24-hour per day basis as required. Assuming that arrangements could be made to purchase energy from Bonneville Power Administration on an estimated monthly demand of 6,000 KW under Schedule F4, the direct cost thereof is estimated to be $113,459. In addition, however, a capital investment of approximately $405,500 would be required for bringing the power to the campus, converting the voltage to the capacity of the campus distribution system at new substations and investing in numerous small transformers and line extensions needed to serve isolated loads. If it were assumed that such investment were amortized over a 25-year life expectancy, interest computed at 3.5 per cent, and maintenance and repair costs borne by the institution rather than by the commercial utility, the estimated total annual cost would be $172,870, compared with the actual cost of $183,402 noted above, representing savings of $10,532. Excluding the factors of depreciation and interest, the estimated annual savings would be increased to $40,944.

Oregon State University officials, with the approval of the Chancellor, recommended that the report of the consulting engineer be filed. It is understood that another study should be made within a few years if there appear to be changes in economic factors warranting a re-examination of the matter.

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

The Chancellor reported that a similar procedure had been followed in making appointments for those representatives whose terms expire on June 30, 1963, and the following appointments and reappointments had been made, subject to Board confirmation:

### FOREST MANAGEMENT RESEARCH ADVISORY COMMITTEE

**July 1, 1963**

<table>
<thead>
<tr>
<th>Organization</th>
<th>Committee Position</th>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State Department of Forestry</td>
<td>Principal</td>
<td>Dwight L. Phipps (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Southern Oregon Conservation and Tree Farm Association</td>
<td>Alternate</td>
<td>Dale E. Prentice (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Western Pine Association</td>
<td>Alternate</td>
<td>E. L. Kolbe (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Pacific Northwest Forest and Range Experiment Station</td>
<td>Principal</td>
<td>Philip A. Bringleb (New appointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
</tbody>
</table>

### FOREST PRODUCTS RESEARCH ADVISORY COMMITTEE

**July 1, 1963**

<table>
<thead>
<tr>
<th>Organization</th>
<th>Committee Position</th>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas Fir Plywood Association</td>
<td>Principal</td>
<td>R. A. Kronenberg (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
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<tr>
<td>Western Wood Preserving Operators Association</td>
<td>Principal</td>
<td>Charles F. Craig (Reappointment)</td>
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<tr>
<td>West Coast Lumbermen's Association</td>
<td>Alternate</td>
<td>T. K. May (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Western Pine Association</td>
<td>Alternate</td>
<td>Carl Rasmussen (Reappointment)</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Western Forest Industries Association</td>
<td>Alternate</td>
<td>Thomas N. Melin</td>
<td>4 7/1/63 6/30/67</td>
</tr>
<tr>
<td>Pacific Northwest Forest and Range Experiment Station</td>
<td>Principal</td>
<td>Philip A. Bringleb (Appointment to unexpired term)</td>
<td>3 7/1/63 6/30/66</td>
</tr>
</tbody>
</table>

The Board confirmed the appointments.
On July 9, 1963, the Committee on Agricultural Extension Services and Experiment Stations of the Board of Higher Education visited the North Willamette Branch Experiment Station at Aurora, Oregon. Accompanying Mr. J. W. Forrester, Jr., Chairman of the Committee, on the tour were Mrs. Elizabeth H. Johnson and Mr. Wm. E. Walsh, Board members; Chancellor R. E. Lieuallen; President James H. Jensen; Mr. M. Popovich, Dean of Administration, Oregon State University; Mr. F. E. Price, Dean and Director, Agricultural Experiment Station; Mr. G. M. Robertson, Business Manager; Dr. S. B. Apple, Head of the Department of Horticulture; Dr. Wilson H. Foote, Assistant Director of the Agricultural Experiment Station; Dr. Richard M. Bullock, Superintendent of the North Willamette Branch Experiment Station and Professor of Horticulture; and Dr. Robert L. Tichnor, Associate Professor of Horticulture, North Willamette Station.

Dr. Bullock and Dean Price discussed the history and development of the station and pointed out some of the important agricultural problems of the area to the group. To supplement the discussion, those participating in the tour received several pages of background material giving the valuation of crops which are under study at the station; an outline and explanation of the budgetary needs and requests for 1963-1965; an analysis of potential vegetable research projects, including the need for a vegetable specialist and the duties to which such a specialist would be assigned; and a summary of the programs of the station indicating the contributions to Oregon's agricultural economy.

A brief tour of the experimental plots was held. The research work of the Station which was observed and reviewed included bush bean breeding and cultural trials, strawberry variety and cultural trials, cane berry varieties, ornamental plantings, greenhouse construction, screen house increase of new strawberry varieties and fertility and weed control experiments.

The new laboratory and office building was inspected and the tour concluded at 5:00 P.M. following a taste test of a new strawberry variety.

The Board accepted the report.
The following recommended procedures and requests for authorization are for the purpose of implementing planning assistance projects to be administered by the Bureau of Municipal Research of the University of Oregon:

I. Planning Assistance for Municipalities, Counties, and Regional or Joint Planning Agencies. Procedures To Be Followed in Applying for and Accepting Grants

ORS 351.260 authorizes the Board of Higher Education to provide planning assistance, generally identified as urban planning, to municipalities, counties, regional or joint planning agencies. An application to the Housing and Home Finance Agency for urban planning grant funds for two-thirds of the cost of a project, the other one-third being provided by the local governmental bodies, is reviewed and approved by the Board's Office. When the application is approved by the federal government and a formal offer of moneys is made, the proposal is embodied in a formal "Urban Planning Grant Contract". Since specific acceptance authorization is required for each offer, action to accept the grant is requested of the Board thereafter.

In order to expedite planning work, the Chancellor recommends the adoption of the following new procedures:

1. Applications for grant funds are subject to the approval of the Vice Chancellor for Business Affairs.

2. After filing the application, report is to be made to the Board. Authorization is to be requested for the Vice Chancellor for Business Affairs to direct planning work to be undertaken when the federal government approves the grant budget, separately for each project.

3. Authorization is also requested for the Vice Chancellor for Business Affairs to contract with the federal government, accepting the terms of the federal grant, with attestation to be by the Secretary of the Board.

4. In the event that the grant differs from the application amount as originally reported to the Board, an appropriate further report is to be made to the Board.

II. Resolution Authorizing Bureau of Municipal Research of the University of Oregon To Administer Planning Assistance Program and Granting Authority to Vice Chancellor for Business Affairs

Pursuant to Chapter 536, Oregon Laws 1955, the Board took official action on July 26, 1955, in connection with the providing of planning assistance for municipalities, counties, regional or joint planning agencies of the state, including the acceptance of grants from the federal government or from other sources to cover the cost of planning. Under the present program two-thirds of the required funds are provided by the federal government and one-third by the local governmental agencies.
With the creation of the position of Vice Chancellor for Business Affairs, responsibility for the planning work previously granted the Comptroller is to vest with the Vice Chancellor. It was for this reason that the Chancellor recommended the adoption of a resolution, which was in accord with the previous action of July 26, 1955, to grant the indicated responsibility.

RESOLUTION

WHEREAS, Oregon Revised Statutes 351.260 authorizes the Oregon State Board of Higher Education to provide planning assistance for municipalities, counties, or regional and joint planning agencies of the State and to apply for and accept grants from the federal government for this purpose; and

WHEREAS, the Bureau of Municipal Research and Service of the University of Oregon is presently equipped and staffed to provide such assistance, now therefore,

BE IT RESOLVED that the Oregon State Board of Higher Education here assembled in regular meeting does designate the Bureau of Municipal Research and Service of the University of Oregon to administer the provisions of Oregon Revised Statutes 351.260; and

BE IT FURTHER RESOLVED that the Oregon State Board of Higher Education here assembled in regular meeting does authorize the Vice Chancellor for Business Affairs to execute applications and appropriate contracts in connection with the securing of federal grants for planning assistance to cities, counties and planning agencies of Oregon, and that the Secretary of the Oregon State Board of Higher Education be, and he hereby is authorized to sign such applications and contracts as an attesting officer.

On motion by Director Hart and second by Director Holloway, the above report was accepted and the resolution duly adopted as read with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, Merrifield, Purvine, Snider and Walsh.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote.
An application has been filed with the Housing and Home Finance Agency of the federal government for a grant of $15,400 to match $7,700 of local funds, in order to provide $23,100 for a cooperative urban planning program. The Chancellor recommended that:

1. The Vice Chancellor for Business Affairs be authorized to direct planning work to be undertaken when the federal government approves the budget for the project; and

2. To execute a contract with the federal government accepting the grant.

The Board approved the recommendations as presented.

Urban Planning Project No. Ore. P-37 is being developed by the Bureau of Municipal Research of the University of Oregon involving planning work for North Bend, Oregon. In order to assist in financing the cost of the project, estimated to be $16,200, the Housing and Home Finance Agency of the federal government offered a grant on August 14, 1963, in an amount equal to two-thirds of the actual cost of the project, or $10,800. The local community and the Bureau of Municipal Research are to provide one-third of the cost of the project, or $5,400.

The Chancellor recommended that the Board authorize the Vice Chancellor for Business Affairs to accept the grant and to enter into appropriate contract, with the Secretary of the Board to provide attestation.

The Board approved the recommendations as presented.

Urban Planning Project No. Ore. P-38 is being developed by the Bureau of Municipal Research of the University of Oregon involving planning work in Coos Bay, the Central Coos County Groups of Adjacent Communities and in the Cities of Bandon and Klamath Falls, Oregon. In order to assist in financing the cost of the project, estimated to be $25,200, the Housing and Home Finance Agency of the federal government offered a grant on August 14, 1963, in an amount equal to two-thirds of the actual cost of the project, or $16,800. The local communities and the Bureau of Municipal Research are to provide one-third of the cost of the project, or $8,400.

The Chancellor recommended that the Board authorize the Vice Chancellor for Business Affairs to accept the grant and to enter into appropriate contract, with the Secretary of the Board to provide attestation.

The Board approved the recommendations as presented.
Item 22

Dean Baird recommended, with the approval of the Chancellor, a budget addition in the School of Nursing in the amount of $11,667 to provide for the Psychiatric Nursing instruction program at the State Hospital in Salem. Dean Baird reported that there will be approximately 50 additional students during year 1963-64 from the University of Portland and Walla Walla College plus an expected increase in the number of students at the Medical School. He reported further that in order to maintain an accredited program, the Medical School must provide supervision of the instruction program by faculty members appointed by the Medical School. The amount of $11,667 is required for the salary cost of two teaching positions during the period September 1, 1963, through June 30, 1964. It was recommended that the amount of $11,667 be provided, $6,912 from estimated additional student fee income from the added number of students and $4,755 from the Board's Unappropriated Fund.

The Board approved the recommendation as presented.

Item 23

The physical plant stores inventories at the institutions are financed from inventory reserves which have been provided from general unrestricted funds. If the value of the inventory at any institution exceeds the amount of the covering reserve at the end of the fiscal year, it becomes necessary to increase the inventory reserve from unrestricted funds. On June 30, 1963 the cost value of the physical plant stores inventory at the University of Oregon Medical School was $74,240.74, and the offsetting inventory reserve was $62,812.51, or $11,428.23 less than the value of the inventory. In order to bring the inventory reserve up to an amount equal to the value of the inventory at June 30, 1963, the Chancellor recommended an addition from the Board's Unappropriated Fund of $11,428.23.

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

In compliance with this provision, Chancellor Lieuallen reported that the courses, course changes, and instructors embodied in Supplement A of this docket have been recommended by the Community College Committee and approved by the Chancellor for the community colleges indicated since September 11, 1962, the date of the last report.

The Board confirmed the approval of the courses, course changes and instructors as recommended.
Item 25  The Board approved the following personnel adjustments as submitted by the Institutional Executives concerned, the necessary funds being provided in the 1963-64 budgets:

**Oregon State University**

M. Fincke, Designation as Designation of Dr. Margaret Fincke, Professor and Head of Foods and Nutrition as Acting Head of the School of Home Economics, effective October 1, 1963, through June 30, 1964, without change in salary rate. Dean Miriam Scholl will be on sabbatical leave during the 1963-64 academic year.

**University of Oregon**

M. N. Goldstein, Increase in Salary Increase in annual salary for Mr. Marshall N. Goldstein, Adjunct Research Associate in Sociology and Director of the Health, Education and Welfare Television Study, with rank of Instructor in Political Science, from $9,000 to $9,500, effective July 1, 1963; and

R. E. Agger, Increase in Salary Increase in annual salary for Mr. Robert E. Agger, Associate Professor of Political Science and Deputy Director of the Institute for Community Studies, from $10,000 to $11,600, effective September 1, 1963.

Both Mr. Agger and Mr. Goldstein are being transferred to full-time service on the HEW-Agger project, effective September 1, 1963, involving a change of assignment. Funds for the two salary increases are to be provided from the grant for the project.

T. H. M. Rigby, Increase in Salary Increase in annual salary for Mr. Thomas H. M. Rigby, Research Associate in the Educational Research Bureau, from $3,769 to $4,000 for one-third time, effective July 1, 1963. The remainder of Mr. Rigby's salary is paid by the Oregon School Boards Association which increased his salary after the Board's budget was prepared. The increase is necessary to provide the University's portion of Mr. Rigby's salary at the new rate. The $231 required is to be provided from the Reserve for Salary Adjustments.

C. E. Johnson, Appointment as Dean Appointment of Dr. Charles E. Johnson, Professor of Accounting and Head of the Department of Accounting and Business Statistics, as Dean of the College of Liberal Arts, indefinite tenure, 12-months' service, at an annual salary of $20,000, effective August 15, 1963; and

M. D. Wattles, Change in Assignment Change in assignment for Dr. Marshall D. Wattles, Acting Dean of the College of Liberal Arts and Professor of Economics, to full time as Professor of Economics, 10-months' service, indefinite tenure, at an annual salary of $16,000, effective August 15, 1963. This salary rate represents an increase of $1,000 over his present 10-months' rate of $15,000.

Funds for the above increases are to be provided as follows: Dean's Office, Liberal Arts, $2,500 from the Operating Reserve; Economics, $15,000 from the Operating Reserve and $1,000 from the Reserve for Salary Adjustments.
Increase in salary for Mr. Karl W. Onthank, Counselor of the University of Oregon Mothers and Dads and Professor Emeritus of Social Science, from $1,200 to $1,800, for service during January, February, April and May of 1964. The increase was inadvertently omitted in the budget. The $600 required is to be transferred from the Reserve for Salary Adjustments.

University of Oregon Medical School

Increase in annual salary for Dr. Sefton R. Wellings, Associate Professor of Pathology, from $15,000 to $16,000, effective August 1, 1963; and

Increase in annual salary for Dr. James R. Philp, Assistant Professor of Pathology, from $12,000 to $14,000, effective August 1, 1963.

The above increases are in recognition of changes in duties to be assigned to these individuals to handle the pathological service for the Child Development project, financed from a Public Health Service research grant. The funds required for the increases are provided by the grant.

Increase in annual salary for Dr. Elinor Levin, Research Associate in Surgery, from $8,000 to $8,500 per year, effective September 1, 1963. Dr. Levin's entire salary is paid from research grant funds and the increase is provided in the grant under which she is employed.

Increase in annual salary for Mr. Jack H. Hutchinson, Instructor in Medicine, from $6,000 to $6,300, effective July 1, 1963. The required funds are to be provided from the Medical Research Foundation grant under which Mr. Hutchinson is employed.

Increases in annual salary for the following staff members, effective July 1, 1963, unless otherwise specified:

Dr. Bernard Pirofsky, Associate Professor of Medicine, from $9,000 to $10,000.

Dr. Robert Bigley, Assistant Professor of Medicine, from $8,000 to $9,000.

Dr. Richard T. Jones, Assistant Professor of Experimental Medicine, from $11,000 to $12,000.

Dr. Demetrios Rigas, Professor of Experimental Medicine, from $15,000 to $16,000.

The above staff are paid partially or entirely from research grants and funds for the increases are provided in the grants. The changes in distribution of salary rates results in a temporary net savings of $3,200 to be transferred to Wages in the budget of Experimental Medicine.
J. H. Fellman, Increase in Salary
Increase in annual salary for Dr. J. H. Fellman, Assistant Professor of Neurology and Associate Professor of Biochemistry, from $11,000 to $12,000, effective August 1, 1963. Dr. Fellman's entire salary is paid from a U. S. Public Health Service grant and funds for the increase were provided in the grant.

J. L. Dahnke, Increase in Salary
Increase in annual salary for Mr. John L. Dahnke, Research Assistant in Medicine, from $6,500 to $7,220, effective July 1, 1963. Mr. Dahnke is paid from research grant funds and the increase is provided in the grant but was inadvertently omitted in the original budget.

N. Nicolaides, Increase in Salary
Increase in annual salary for Dr. Nicholas Nicolaides, Assistant Professor of Biochemistry and Research Associate in Dermatology, from $12,000 to $14,000, effective August 1, 1963. Dr. Nicolaides' entire salary is paid from grant funds and the increase is provided in the new research grant which became effective on August 1.

Miss D. Brophy, Increase in Salary
Increase in annual salary for Miss Doris Brophy, Research Associate in Dermatology, from $6,000 to $7,000, effective July 1, 1963. Miss Brophy's entire salary is paid from research grant funds and the increase is included in the grant.

Oregon College of Education

J. D. Morton, Transfer and Increase in Salary
Transfer of Mr. Jack Donald Morton, Registrar with rank of Assistant Professor, to Director of Student Affairs with rank of Assistant Professor, effective August 1, 1963, with no change in tenure or term of service but with an increase in annual salary from $10,240 to $10,620. The $9,387 released in the Registrar's Budget is to be transferred to the Salary Savings Reserve pending appointment of a successor. The $10,620 required in Student Affairs is to be distributed 85 per cent and $9,027 in General Student Welfare and 15 per cent and $1,593 to Student Union Activities.
The Board accepted the following gifts and grants and authorized the Secretary of the Board to make suitable acknowledgement to the donors:

Oregon State University

Scholarships & Fellowships

Gifts totaling $37,787 from the following donors for scholarships and fellowships:

- The Boeing Company, Seattle, Washington: $2,400
- The Royal Neighbor, Rock Island, Illinois: 500
- The Foundation for Instrumentation Education and Research, Inc., New York City: 2,900
- E. I. du Pont de Nemours & Company, Wilmington, Delaware: 3,602
- Oregon Industrial Arts Association, The Dalles: 400
- Women's Benefit Association, Port Huron, Michigan: 250
- Myrtle Creek Parent-Teacher Association and Tri-City Parent-Teacher Association, Myrtle Creek: 300
- Soroptimist Club of Boise, Boise, Idaho: 150
- Oregon Home Economics Association, Portland: 500
- Cannon Electric Company, Santa Ana, California: 1,000
- Crown Zellerbach Foundation, San Francisco, California: 8,125
- Grand Guardian Council of Oregon, International Order of Job's Daughters, Parkdale: 300
- Hillsboro Union High School: 150
- Mr. Ralph Kappler, Mulino: 300
- Associated Students, Lebanon High School: 400
- National Electrical Contractors Assn., Oregon-Columbia Chapter, Portland: 250
- Oregon Congress of Parents and Teachers, Inc., Portland: 100
- Paper Industry Management Association, Portland: 300
- Ralston Purina Company, St. Louis, Missouri: 500
- The Sears-Roebuck Foundation, Seattle, Washington: 250
- Standard Oil Company of California, San Francisco: 2,250
- South Eugene High School Parent-Teacher Association, Eugene: 330
- Sunset High School Dad's Club, Beaverton: 150
- Texaco, Inc., Beacon, New York: 3,330
- Timber Carnival Association, Albany: 500
- Weyerhaeuser Company Foundation, Tacoma, Washington: 6,000
- Chester M. Wilcox Memorial Scholarship: 1,500
- Portland Spin Fishing Club: 150
- Lew Chevrolet Company, Billings, Montana: 500
- East Anchorage High School, Anchorage, Alaska: 100
- Central Lane YM-YWCA, Eugene: 300
Grants totaling $13,180 from the American Cancer Society, New York City, for research and equipment, as follows:

1. $6,680 - "Chemical Aspects of Hormone Action (Insulin and Other Peptide Hormones)", September 1, 1963, through August 31, 1964, under the direction of Dr. Conrad T. O. Fong, Associate Professor, Science Research Institute.

2. $6,500 - To provide a portion of the cost of a 300 KV X-Ray Generator, under the direction of Dr. Dale Trout, Professor of Radiological Physics.

Grants of $18,100 from the American Chemical Society, Petroleum Research Fund, Washington, D.C., for research entitled, "Small Fused Ring Systems", September 1, 1963, through August 31, 1966, under the direction of Dr. F. Thomas Bond, Assistant Professor of Chemistry.

Grant of $5,000 from the American Petroleum Institute, New York City, for research entitled, "Geophysical Methods for Determination of Basalt Flows Thickness, Oregon and Adjacent Areas", July 1, 1963, through June 30, 1964, under the direction of Dr. Joseph W. Berg, Professor of Oceanography.

Grants totaling $122,617 from the Atomic Energy Commission, Washington, D. C., for research effective June 1, 1963, through May 31, 1964, as follows:

1. $48,817 - "Properties of Polypeptidyl Proteins", under the direction of Dr. Robert R. Becker, Associate Professor of Biochemistry.

2. $49,300 - "Radioanalysis of Oceanic Organisms in the Pacific Ocean off Oregon", under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.

3. $10,500 - "Study of the Mechanism of Divalent Cation Uptake by Plants", under the direction of Dr. David P. Moore, Assistant Professor of Soils.

4. $14,000 - " Relation of Soil Properties to Chemical Reactions and Other Phenomena Involving Sulfur", under the direction of Dr. M. E. Harward, Associate Professor of Soils.

Grant of $8,982.35 from The Danforth Foundation, St. Louis, Missouri, "in payment of salary for two terms for Dr. Warren Hovland, Professor of Philosophy and Religion and Department Chairman, for study during the academic year 1963-64. Dr. Hovland was appointed as one of the first recipients of the Danforth Associate Award."

Grant of $23,320 from the Life Insurance Medical Research Fund, Rosemont, Pennsylvania, July 1, 1963, through June 30, 1965, for research entitled, "Intracellular Respiration and Electron Transports in Heart Muscle", under the direction of Dr. Tsoo E. King, Professor of Chemistry.
Grants totaling $4,115 from the National Council for Stream Improvement, New York City, effective July 1, 1963, through December 31, 1963, for research as follows:

1. $425 - "Continuation of Cooperative Research on Aquatic Biology”, under the direction of Dr. James G. Knudsen, Assistant Dean of Engineering.

2. $3,690 - "Continuation of Sulfite Waste Research”, under the direction of Dr. Knudsen.

Grants totaling $87,344 from the National Science Foundation, Washington, D.C., June 1, 1963, through August 31, 1964, unless otherwise indicated, for research, fellowships and other purposes, as follows:

1. $16,200 - "Revisional Studies of the Dipterous Family Asilidae", July 1, 1963, through June 30, 1965, under the direction of Dr. Charles H. Martin, Professor of Entomology.

2. $9,320 - "Graduate Fellowship Program", June 1, 1963, through May 31, 1964, under the direction of Dr. H. F. Hansen, Dean of the Graduate School.

3. $2,060 - "Science Faculty Fellowship Program", under the direction of Dr. Roy A. Young, Head of the Botany Department.

4. $1,420 - "Science Faculty Fellowship Program", under the direction of Dr. H. F. Hansen.

5. $2,584 - "Science Faculty Fellowship Program", under the direction of Dr. Louis Stone, Head of the Department of Electrical Engineering.

6. $2,060 - "Science Faculty Fellowship", under the direction of Mr. Frederick J. Burgess, Assistant Dean of the School of Engineering.

7. $25,000 - "Ergosterol Metabolism in Saccharomyces Cervisiae", June 1, 1963, through May 31, 1965, under the direction of Dr. Leo W. Parks, Assistant Professor of Microbiology.


9. $11,200 - "Speciation in the Genus Pyrus Linn., Subgenus Pyrus”, July 1, 1963, through June 30, 1964, under the direction of Dr. Quentin B. Zielinski, Associate Professor of Horticulture.

Gift of $100 from Mr. and Mrs. Lester Oehler, Corvallis, to be used for the purchase of books in the field of science.
Grant of $24,330 from the Quartermaster Research and Engineering Command, for research entitled, "Development of Radiation Sterilized Fish Items for Armed Forces Feeding", July 1, 1963, through June 30, 1964, under the direction of Dr. R. O. Sinnhuber, Associate Professor, Food Science and Technology.

Grant of $4,000 from The Rockefeller Foundation, New York City, "Toward the general support of Oregon State University in appreciation for courtesies extended to Rockefeller Foundation Fellows and Scholars who pursue studies here".

Gift of an electron generator, valued at $11,700, from Swift & Company, Chicago, Illinois, to be used to accommodate irradiation experiments at the Radiation Center including food sterilization studies and radiation effect on material studies", under the direction of Dr. C. H. Wang, Director, Radiation Center.

Gift of equipment, valued at $2,680, from Tektronix, Inc., Beaverton, for use in the General Science Department. The equipment consists of two 502 A Oscilloscopes and two type 160 A Power Supplies.

Grant of $30,100 from the U. S. Army Corps of Engineers for research entitled, "Characterization of Water Tables in Oregon Soils with Reference to Trafficability", June 24, 1963, through June 23, 1964, under the direction of Dr. L. Boersma, Assistant Professor of Soils.

Grant of $52,900 from the U. S. Department of Agriculture, for "Investigations designed to establish the relative stabilities of dehydrated foodstuffs developed for use as adjuncts to a basic shelter ration", June 25, 1963, through June 24, 1969, under the direction of Dr. Robert F. Cain, Professor of Food Science and Technology.

Grants totaling $52,885 from the U. S. Department of the Interior, Washington, D. C., for training grants and research, as follows:

1. $4,940 - "Graduate Educational Grant in Aquatic Sciences", June 15, 1963, through June 14, 1964, under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.

2. $29,000 - "Determination of Nature of Biochemical Changes of Salmonids Associated with Seaward Migration", July 1, 1963, through June 30, 1964, under the direction of Mr. F. P. Conte, Assistant Professor of Agricultural Chemistry.

3. $3,945 - "Graduate Educational Grant in Aquatic Sciences", June 15, 1963, through June 14, 1964, under the direction of Dr. H. W. Schultz, Head of the Department of Food Science.

Grants totaling $220,844 from the U.S. Public Health Service, for research, training grants, fellowships, and equipment, effective July 1, 1963, through June 30, 1964, unless otherwise indicated, as follows:

1. $24,169 - "Training in Water Supply and Pollution Control", under the direction of Dr. Charles E. Warren, Associate Professor of Fisheries.

2. $24,992 - "Training in Water Supply and Pollution Control", under the direction of Mr. Frederick Burgess, Assistant Dean of the School of Engineering.

3. $25,995 - "Graduate Training in Public Health", under the direction of Dean George W. Gleeson of the School of Engineering.

4. $6,700 - "Predoctoral Fellowship Award", under the direction of Dr. Victor J. Brookes, Assistant Professor of Entomology.

5. $11,024 - "The Biochemistry of Insects", under the direction of Dr. Victor J. Brookes.

6. $19,999 - "Training in Water Supply and Pollution Control", under the direction of Dr. H. C. Curl, Associate Professor of Oceanography.

7. $23,760 - "Training Program in Cellular and Molecular Biology", under the direction of Dr. Robert W. Newburgh, Assistant Director of Science Research Institute.

8. $24,972 - "Chemical Brush Control: Biochemistry and Toxic Hazard", June 1, 1963, through May 31, 1964, under the direction of Dr. V. H. Freed, Head of the Department of Agricultural Chemistry.

9. $10,600 - "To purchase an Ultracentrifuge for Food Science Research", June 1, 1963, through May 31, 1964, under the direction of Dr. A. F. Anglemeier, Assistant Professor of Food Science and Technology.

10. $23,500 - "Nitrogen Oxide Fate in Engine Exhaust Afterburners", June 1, 1963, through May 31, 1964, under the direction of Mr. W. H. Paul, Professor of Automotive Engineering.

11. $13,178 - "Systematics and Ecology of Oregon Oceanic Trematodes", June 1, 1963, through May 31, 1964, under the direction of Dr. James E. McCauley, Associate Professor of Oceanography.

12. $11,538 - "Biosynthesis and Metabolism of Terpenes", September 1, 1963, through August 31, 1964, under the direction of Dr. Vernon H. Cheldein, Director of Science Research Institute.

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

- **American Cyanamid Company**
  - $1,000 - "Evaluations of Cyprex for Control of Diseases of Tree Fruits," under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology.

- **Blue Mountain Beef Feeder Association, Inc.**
  - $475 - "Research on Beef Cattle Feeding," under the direction of Dr. A. T. Ralston, Associate Professor of Animal Science.

- **Bonneville Power Administration**
  - $312.50 - "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Robert L. Graham, Associate Professor of Forest Products.

- **Chemagro Corporation**
  - $384.50 - "Improved Serviceability of Wood Products," and "Inspection and Preservative Treatment of Poles in Line," under the direction of Mr. Graham.

- **Cultures Incorporated**
  - $2,000 - "Evaluation of Chemicals in Insect Control on Horticultural Crops," under the direction of Dr. W. A. Frazier, Professor of Horticulture; Dr. R. G. Rosenstiel and Dr. H. H. Crowell, Associate Professors of Entomology; and Dr. S. C. Jones, Professor of Entomology.

- **Eli Lilly and Company**
  - $3,600 - "Research Program in the Area of Factors Involved in Occurrence of the Slit Open Defect in Cheddar Cheese," under the direction of Dr. P. R. Elliker, Professor of Dairy Microbiology.

- **Geigy Chemical Corporation**
  - $500 - "Evaluation of Chemicals for Control of Powdery Mildew," under the direction of Dr. I. W. Deep, Associate Professor of Plant Pathology.

- **The Mountain Copper Co., Ltd.**
  - $5,000 - "Herbicide Research," under the direction of Dr. Virgil Freed, Professor of Chemistry.

- **National Council for Stream Improvement**
  - $5,700 - "Field Evaluation and Basic Research on Copper Fungicides," under the direction of Dr. N. D. Dobie and Dr. M. E. Corden, Associate Professors of Plant Pathology.

- **National Turkey Federation**
  - $9,350 - "Water Quality Research at the Yaquina Bay Laboratory," under the direction of Mr. W. P. Breese, Assistant Professor of Fisheries.

- **Naugatuck Chemical Division of U.S. Rubber Co.**
  - $125 - "To Improve Year Around Egg Production in Turkeys," under the direction of Dr. J. A. Harper, Professor of Poultry Science.

- **Northwest Canners & Freezers Association**
  - $2,500 - "For use in development of herbicides," under the direction of Dr. W. R. Furtick, Associate Professor of Agronomy.

- **Northwest Canners & Freezers Association**
  - $4,000 - "Carrot Quality Improvement and Disease Control in Table Beets," under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology, and Dr. W. A. Frazier, Professor of Horticulture.
Northwest Public Power Association $3,750 - "Inspection and Preservative Treatment of Poles in Line", under the direction of Mr. Robert D. Graham, Associate Professor, Forest Research Laboratory.

Oregon Dairy Products Commission $5,000 - "Composition of Cow's Milk as Affected by Genetic and Environmental Factors", under the direction of Dr. G. A. Richardson, Professor of Food Science and Technology.

Oregon Department of Planning and Development $1,000 - "In support of a special motor carrier commodity flow study", under the direction of Mr. Forrest Baker, Assistant in Transportation Economics.

Oregon Holly Growers Association $600 - "To support research on holly diseases", under the direction of Dr. Roy A. Young, Professor of Plant Pathology.

Pacific Northwest Range and Experiment Station $623.41 - "Develop Workable Procedures for Sampling Wood from a Population of Western Hemlock Trees, Determine Certain Strengths and Related Properties and Cost Factors", under the direction of Mr. James D. Snodgrass, Professor of Forest Products.

$3,600 - "Root Initiation of Douglas Fir Seedlings", under the direction of Dr. F. H. Smith, Professor of Botany.

$750.97 - "Boundary Layer Effect on Evaporation of Water from Wood", and "Developing Procedures for Sampling Wood from a Population of Western Hemlock Trees", under the direction of Mr. Lee C. Lyman, Research Assistant and Mr. James D. Snodgrass.

$360 - "Boundary Layer Effect on Evaporation of Water from Wood", under the direction of Mr. Lee C. Lyman.

Polk Miller Products $8,000 - "Work with Systemic Insecticides in Dog Food", under the direction of Dr. R. L. Goulding, Associate Professor of Entomology.

Portland General Electric Company $3,750 - "Inspection and Preservative Treatment of Poles in Line", under the direction of Mr. Robert D. Graham.

Pumpkin Ridge Co-op Cherry Growers Assn. $100 - "To support research on the leaf analysis of sweet cherry trees in Union County", under the direction of Dr. O. C. Compton, Professor of Horticulture.

The Rockefeller Foundation $8,000 - "To support research on seed disinfection", under the direction of Dr. J. R. Hardison, Professor of Plant Pathology.

Rohm & Haas Company $1,000 - "To support research on tree fruit fungicides", under the direction of Dr. N. D. Dobie, Associate Professor of Plant Pathology.

Shell Development Company $500 - "Fungicide Studies under Oregon Conditions", under the direction of Dr. R. L. Powlison, Assistant Professor of Plant Pathology.

$1,500 - "In support of herbicide research", under the direction of Dr. W. R. Furtick.
$7,039.61 - "Community Development Survey of North Eastern Oregon Counties", under the direction of Dr. G. R. Sitton, Associate Professor of Agricultural Economics.

$4,500 - "Absorption, Metabolism and Soil Behavior of Thiol Carbonates", under the direction of Dr. S. C. Fang, Associate Professor of Chemistry, and Dr. V. H. Freed, Professor of Chemistry.

$4,000 - "In support of the weed control research program", under the direction of Dr. W. R. Furtick.

$500 - "Testing of Fungicides for Control of Fruit Disease", under the direction of Dr. N. D. Dobie.

$1,500 - "Research on Peppermint", under the direction of Dr. L. C. Terriere, Professor of Chemistry.

$6,000 - "Research on Soil Fungicides", under the direction of Dr. M. E. Corden.

$1,000 - "Edible Tree Nut Production, Breeding and Disease Investigation", under the direction of Dr. J. H. Painter, Professor of Horticulture.

$2,500 - "To further soybean research work at the Malheur Experiment Station", under the direction of Mr. Neil Hoffman, Associate Professor of Agronomy.

$875 - "Research on Onion Root Diseases", under the direction of Dr. E. K. Vaughan, Professor of Plant Pathology.

$1,200 - "Static Bending Tests of 2 x 6 inch Dimension Lumber", under the direction of Mr. James W. Johnson, Assistant Professor of Forest Products.

University of Oregon

Scholarships & Fellowships Gifts totaling $22,294.00 from the following donors for scholarships and fellowships:

The Autzen Foundation, Portland $ 500.00
Rotary Club, Eugene 1,200.00
Georgia-Pacific Foundation, Portland 750.00
Governor's Committee on Employment of Physically Handicapped, Salem 330.00
Lebanon Union High School 500.00
Liberty Elementary School Staff, Salem 100.00
Delta Kappa Gamma, Omicron Chapter, Roseburg 150.00
Oregon Congress of Parents and Teachers, Portland 284.00
Roseburg Woman's Club 100.00
South District Lions' Club, Seattle, Washington 400.00
Sunset High School Girls' League, Beaverton 100.00
Texas State Organization of The Delta Kappa Gamma Society, Galveston, Texas 500.00
University of Oregon Development Fund, Eugene 100.00
University of Oregon Mothers Club, Astoria  $   330.00
Alfred P. Sloan Foundation, New York City  13,800.00
Weyerhaeuser Company Foundation, Tacoma, Washington  2,000.00
Grand Guardian Council of Oregon, International Order of Job's Daughters  900.00
Musicians' Mutual Protective Association, Pendleton  250.00

Mrs. D. Cornell  Gift of $100 from Mrs. Dora Cornell to establish the Day Churchman Memorial Loan Fund, with first preference to deserving journalism students. The fund is in memory of her son.

The Ford Foundation  Grant of $500,000 from the Ford Foundation, New York City, for "Strengthening of International Studies and Overseas Training", July 1, 1963, through June 30, 1966, under the direction of Dr. John Gange, Director, Institute of International Studies. The grant is to be distributed as follows: Center for Japanese Studies, $75,000; Program of Latin American Studies, $75,000; Studies of Overseas Financial and Technical Assistance, $140,000; High School Program, $75,000; and Planning and Development (Institute of International Studies), $135,000.

Charles W. Sexton Co.  Gift of a complete set of current Sanborn Maps for the City of Portland, valued at $1,318, and including index. The set consists of twelve volumes.

Failing Estate  Gift of $4,000 from the Estate of Henry Failing, representing the University's share of the net income from the Henry Failing Fund for 1962.

Mental Health Association of Oregon  Gift of $500 from the Mental Health Association of Oregon, Portland, for the establishment of the Mental Health Association of Oregon Loan Fund.

Oregon State Board of Control  Grant of $7,000 from the Oregon State Board of Control, Salem, to provide a "Summer Work-Study Training Program", June 10, 1963, through August 16, 1963, under the direction of Dr. Herbert Bisno, Associate Professor of Sociology.

State Dept. of Education  Grants totaling $7,640.00 from the State Department of Education, effective July 15, 1963, through August 31, 1963, for training institutes as follows:

1. $3,820 - "Advanced Placement American History Institute", under the direction of Dr. Roland Bartel, Acting Dean of Liberal Arts.
2. $3,820 - "Advanced Placement English Institute", under the direction of Dr. Roland Bartel.
State Dept. of Employment

Grant of $3,150 from the Oregon State Department of Employment, to provide an "Employment Service Counselor Practicum", June 1, 1963, through July 30, 1963, under the direction of Dr. R. N. Lowe, Professor of Education.

Rockefeller Foundation

Grants totaling $13,500.00 from the Rockefeller Foundation, New York City, to be used as follows:

1. $3,500 - To be used for any University purpose as determined by President Flemming.

2. $10,000 - "To enable Dr. Val R. Lorwin to complete his research for a book on the Belgian political system", September 15, 1963, through June 30, 1964.

Tektronix Foundation

Grant of $6,442 from Tektronix Foundation, Portland, for research entitled, "Research in Nuclear Physics", June 15, 1963, through June 14, 1964, under the direction of Dr. David Mc丹nies, Assistant Professor of Physics.

U.S. Air Force, Office of Scientific Research

Grant of $12,092 from the U. S. Air Force Office of Scientific Research for research entitled, "Laplace and Generalized Laplace Operators", July 1, 1963, through June 30, 1964, under the direction of Dr. Victor L. Shapiro, Professor of Mathematics.

U.S. Navy Dept., Office of Naval Research

Grant of $13,984 from the U. S. Navy Department, Office of Naval Research, for research entitled, "The Covering of Lattice Points", June 15, 1963, through June 14, 1964, under the direction of Dr. Ivan Niven, Professor of Mathematics.

University of California

Grant of $3,518 from the University of California, Los Angeles, for "A Study of Attitudes Toward Risk and Its Implications for a Theory of Insurance Consumption", July 1, 1963, through August 31, 1963, under the direction of Dr. Mark R. Greene, Professor and Head of the Department of Marketing and Industrial Management.

National Science Foundation

Grants totaling $149,136 from the National Science Foundation, Washington, D.C., for research, training institutes, and other purposes, as follows:

1. $4,400 - "The Establishment of a Summer Mountain Research Observatory", May 15, 1963, through December 31, 1963, under the direction of Dr. E. G. Ebbighausen, Professor of Physics.

2. $6,510 - "In-Service Institute in Mathematics for Secondary School Teachers of Mathematics", July 1, 1963, through June 30, 1964, under the direction of Dr. A. F. Moursund, Professor of Mathematics.

3. $48,826 - "For basic research in all areas of science and science education, for research training and for related scientific activities", effective June 28, 1963, under the direction of Dr. H. Alpert, Dean of the Graduate School.

4. $39,400 - "Population Studies on Intertidal Invertebrates", June 1, 1963, through June 30, 1966, under the direction of Dr. P. W. Frank, Associate Professor of Biology.
5. $31,500 - "Undergraduate Science Education Program", May 22, 1963, through July 31, 1964, under the direction of Dr. Edward Novitski, Professor of Biology.

6. $18,500 - "Growth of Marine Littoral Diatoms", June 1, 1963, through May 31, 1965, under the direction of Dr. Richard W. Castenholz, Assistant Professor of Biology.

U. S. Public Health Service Grants totaling $327,307 from the U. S. Public Health Service, for research, training programs, and fellowships, effective July 1, 1963, through June 30, 1964, unless otherwise indicated, as follows:

1. $2,700 - "Post Doctoral Fellowship Grant-Foreign, in behalf of Dr. Channa Shalitin", August 1, 1963, through November 30, 1963, under the direction of Dr. Franklin W. Stahl, Associate Professor of Biology.

2. $2,850 - "Predoctoral Fellowship grant on behalf of Mr. Howard E. Rast, Jr.", August 1, 1963, through January 31, 1964, under the direction of Dr. Richard A. Keller, Assistant Professor of Chemistry.

3. $5,000 - "Predoctoral Fellowship in behalf of David L. Booth", July 13, 1963, through July 12, 1964, under the direction of Dr. Lloyd J. Dolby, Assistant Professor of Chemistry.

4. $5,500 - "Predoctoral-Intermediate Year Fellowship for Donald G. Stein", September 1, 1963, through September 1, 1964, under the direction of Dr. J. McGaugh, Associate Professor of Psychology.

5. $16,001 - "Training Grant in Research Methodology", under the direction of Dr. William S. Robinson, Professor of Sociology.

6. $59,011 - "Reactions of Terminal Nucleotides of Ribonucleic Acid", June 1, 1963, through May 31, 1964, under the direction of Dr. Edward Herbert, Associate Professor of Chemistry.

7. $42,695 - "Graduate Training Program in Genetics", under the direction of Dr. E. Novitski, Professor of Biology.

8. $17,886 - "Graduate Training Program in Biochemistry", under the direction of Dr. F. J. Reithel, Professor of Chemistry.

9. $99,900 - "Graduate Training Program in Molecular Biology", under the direction of Dr. Aaron Novick, Director of the Institute of Molecular Biology.

10. $75,764 - "Graduate Training Program in Clinical Psychology", under the direction of Dr. Frederick R. Foamire, Associate Professor of Psychology.

University of Oregon Dental School

Belport Company, Inc. Grant of $600 from Belport Company, Inc., Camarillo, California, to establish methods and techniques for the use of "Cortico Steroids for the Relief of Pain Sensitivity of Dentine and Pulp", effective July 1,
1963, under the direction of Dr. Arthur E. Fry, Head of the Department of Oral Diagnosis.

U.S. Army, Office of the Surgeon General

Grant of $12,385 from the U.S. Army, Office of the Surgeon General, Washington, D.C., to continue research entitled, "Factors Affecting the Setting Expansion of Dental Gypsum Materials", July 1963, through June 1964, under the direction of Dr. David B. Mahler, Head of the Dental Materials Department.

U.S. Public Health Service

Grants totaling $33,001 from the U.S. Public Health Service, for research, supplies, as follows:

1. $11,383 - "Career Development Award, awarded in behalf of Dr. James S. Bennett, for continued support of his research project entitled, 'Histochemical Studies of Keratotic Lesions of the Oral Mucosa', August 1, 1963, through July 31, 1964, under the direction of Dr. N.H. Rickles, Head, Oral Pathology Department.

2. $4,867 - "Research grant awarded in behalf of Dr. James S. Bennett, to support his research entitled, 'Histochemical Studies of Keratotic Lesions of the Oral Mucosa', August 1, 1963, through July 31, 1964, under the direction of Dr. N.H. Rickles.

3. $10,971 - "This research grant was awarded on behalf of Richard S. Pope, Physiology Department, to support his project entitled, 'Direct Blood Vessel Anastomosis', September 1, 1963, through August 31, 1964, under the direction of Dr. Harold J. Noyes, Dean of the Medical School.

4. $4,940 - "Additional funds for continuation of a General Research Support Grant to provide funds on a continuing basis for the general support of research and research training programs in sciences related to health", January 1, 1963, through December 31, 1963, under the direction of Dr. Harold J. Noyes.

5. $340 - "Gingival Collagen Metabolism in Guinea Pigs, Rats, and Swine", May 1, 1963, through April 30, 1964, under the direction of Dr. Cecil K. Claycomb, Head, Biochemistry Department.

6. $500 - "Research Fellowship Supply Grant, awarded in behalf of Dr. John C. Michen, in support of his research project entitled, 'An In-Vivo Evaluation of the Marginal Area of Dental Restorations', June 24, 1963, through June 23, 1964, under the direction of Dr. David B. Mahler, Head, Department of Dental Materials.

University of Oregon Medical School

Scholarships & Fellowships

Gifts totaling $1,100 from the following donors for scholarships and fellowships:

The Friendly-Rosenthal Foundation, Inc., Portland $ 500.00
Tobacco Industry Research Committee, New York City 600.00
American Cancer Society  Grant of $28,737 from the American Cancer Society, Inc., New York City, in support of research entitled, "Free Radicals and Oxygen Metabolism", July 1, 1963, through June 30, 1964, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

American Heart Association, Inc. Grants totaling $18,150. from the American Heart Association, Inc., New York City, effective July 1, 1963, through June 30, 1964, for research as follows:

1. $12,100 - "A Study of the Occurrence, Formation and Metabolism of the Fibrous Proteins of Blood Vessels, Particularly the Aorta", under the direction of Dr. J. Englabert Dumphy, Professor and Chairman of the Department of Surgery.

2. $6,050 - "A Controlled Long-Term Study of Continuous Anticoagulant Therapy in Coronary Artery Disease", under the direction of Dr. Arthur J. Seaman, Associate Professor of Medicine.

G. A. Carmichael Gift of $200 from Dr. Glenn A. Carmichael, Missoula, Montana, in support of the Cytology Division of the Department of Pathology under the direction of Dr. Jackson T. Crane, Chairman of the Department.

Collins Medical Trust Gift of $1,500 from the Collins Medical Trust, Portland, in support of the instructional program in the Department of Medicine, under the direction of Dr. Howard P. Lewis, Chairman of the Department of Medicine.

Eli Lilly and Company Gift of $500 from Eli Lilly and Company, Indianapolis, Indiana, for the purchase of radioactive isotopes, under the direction of Dr. J. E. Dumphy, Chairman of the Department of Surgery.

Kinsell Estate Bequest from the estate of Alma Kinsell, deceased, through Mr. Alexander Schneider, Portland, for the unrestricted use of Doernbecher Hospital. The gift consisted of $2,826.78 in cash and two shares of Marathon Oil Company stock.

Life Insurance Medical Research Fund Grants totaling $16,830 from the Life Insurance Medical Research Fund, Rosemond, Pennsylvania, for research, July 1, 1963, through June 30, 1964, as follows:

1. $11,000 - "The Function and Metabolism of Blood Vessels as Connective Tissue", under the direction of Dr. David S. Jackson, Professor of Biochemistry.

2. $5,830 - "The Relationship of Auto-Antibodies to the Post-Cardiotomy Syndrome", under the direction of Dr. Bernard Pirofsky, Associate Professor of Medicine.

Multnomah County Chapter, The National Foundation Grant of $5,000 from the Multnomah County Chapter, The National Foundation, Portland, in continued support of a special treatment center in arthritis, July 1, 1963, through December 31, 1963, under the direction of Dr. Daniel M. Bachman, Associate Professor of Medicine.
Gift of a memorial fountain from the University of Oregon Medical School Alumni Association, to be located in front of the Medical Science building. The fountain is to cost approximately $10,859.

Grants totaling $26,710. from the Oregon Heart Association, Portland, for research, fellowships, and other purposes, as follows:

1. $2,500 - In support of a professional education project under the direction of Dr. Anthony A. Pearson, Professor and Chairman of the Department of Anatomy.

2. $3,500 - "Electrophysiological Study of the Atrioventricular (AV) Node of the Heart", July 1, 1963, through October 31, 1963, under the direction of Dr. Donald G. Kassebaum, Assistant Professor of Medicine.

3. $4,500 - Postdoctoral research fellowship to Dr. George W. Schemm for a research project entitled, "An Investigation of the Altered Physiologic Factors in Cerebro Vascular Disease", July 15, 1963, through June 14, 1964, under the direction of Dr. George Austin, Professor and Head of the Division of Neurosurgery.

4. $3,017 - "Comparison of Catecholamines (Norepinephrine) with Polypeptide Pressor Substances (Angiotensin) and Other Measures in the Reversal of Experimental Traumatic Shock", July 1, 1963, through June 30, 1964, under the direction of Dr. Elton L. McCawley, Professor of Pharmacology.

5. $6,000 - "Postdoctoral Fellowship to Dr. Frank Kloster", July 15, 1963, through July 14, 1964, under the direction of Dr. Herbert E. Griswold, Professor of Medicine and Head of the Division of Cardiology.

6. $5,000 - "Postdoctoral Fellowship to Dr. Richard P. Lewis", July 15, 1963, through July 14, 1964, under the direction of Dr. Griswold.

7. $1,293 - "A study of the gross anatomy and coronary circulation of the whole heart and a correlation of these findings with chemical studies of the blood to be conducted by other persons", July 1, 1963, through June 30, 1964, under the direction of Dr. Richard B. Lyons, Assistant Professor of Anatomy.

8. $900 - "The Incidence of Metastases to the Heart of Various Types of Malignant Tumors for Clinical Correlation with the Abnormal Function of the Heart", June 15, 1963, through September 15, 1963, under the direction of Dr. Daljit S. Sarkaria, Assistant Professor of Pathology.

Grants totaling $2,171,349 from the U. S. Public Health Service, effective July 1, 1963, through June 30, 1964, unless otherwise indicated, for research, training grants, fellowships, construction, and other purposes, as follows:

1. $23,670 - "Training Grant - Anesthesiology Department", under the direction of Dr. Frederick P. Haugen, Professor of Anesthesiology.
2. $26,319 - "Training Grant - Department of Neurology", under the direction of Dr. Roy L. Swank, Professor of Medicine.

3. $32,206 - "To train cytotechnologists", under the direction of Dr. Jackson T. Crane, Professor of Pathology.

4. $12,786 - "Graduate Training Grant in Endocrinology", under the direction of Dr. Monte A. Greer, Professor of Medicine.

5. $24,000 - "Neurosurgery Training Grant", under the direction of Dr. George M. Austin, Professor of Neurosurgery.

6. $27,358 - "Undergraduate Training Grant in Psychiatric Nursing through the School of Nursing", under the direction of Miss Jean E. Boyle, Director of the School of Nursing.

7. $70,706 - "Training Program in Physiology", under the direction of Dr. John M. Brookhart, Professor of Physiology.

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

9. $32,400 - "Psychiatry Graduate Training Grant", under the direction of Dr. George Saslow, Professor of Psychiatry.

10. $52,639 - "Training Grant in Medical Cardiology", under the direction of Dr. James Metcalfe, Associate Professor of Medicine.

11. $40,251 - "Graduate Training Grant in Medical Psychology", under the direction of Dr. Joseph D. Matarazzo, Assistant Professor of Medical Psychology.

12. $81,305 - "Dermatology Training Grant", under the direction of Dr. Walter C. Lobitz, Jr., Professor and Head of the Division of Dermatology.

13. $55,000 - "Medical Student Research Training Program - Basic Science Departments", under the direction of Dr. John M. Brookhart.

14. $22,788 - "General Studies of Thyroid Physiology and Disease", under the direction of Dr. Monte A. Greer, Professor of Medicine. This is a career award to Dr. Greer.

15. $64,500 - "Training Grant in Infectious Diseases - Department of Bacteriology", under the direction of Dr. Arthur W. Frisch, Professor of Bacteriology.

16. $5,500 - "Predoctoral Fellowship Award for Stuart L. Bunch, Department of Pathology", under the direction of Dr. Benjamin V. Siegel, Professor of Pathology.

17. $51,725 - "Ophthalmology Training Grant", under the direction of Dr. Kenneth C. Swan, Professor of Ophthalmology.
18. $30,000 - "Training Program in Pathology", under the direction of Dr. Jackson T. Crane.

19. $14,854 - "Learning and the Central Nervous System", under the direction of Dr. Richard F. Thompson, Assistant Professor of Medical Psychology.

20. $11,470 - "Neurophysiology", under the direction of Dr. John M. Brookhart.

September 1, 1963, through August 31, 1964

21. $15,370 - "Central Neural Mechanisms of Hearing", under the direction of Dr. Richard F. Thompson, Associate Professor of Medical Psychology.

22. $32,776 - "Undergraduate Training Grant in Psychiatry", under the direction of Dr. George Saslow.

23. $25,000 - "Training Grant in Cardiology", under the direction of Dr. Herbert E. Griswold.

24. $24,396 - "Naturally Occurring Goitrogens", under the direction of Dr. Monte A. Greer.

25. $28,794 - "Viral Etiology of Human Lymphomas and Related Neoplasms", under the direction of Dr. Benjamin V. Siegel.

26. $20,464 - "Biochemical Studies on Stress in Rats", under the direction of Dr. Wilbert Remington Todd, Professor of Biochemistry.

27. $17,982 - "Short and Long Term Alterations in Neuronal Behavior", under the direction of Dr. William Alden Spencer, Assistant Professor of Physiology.

28. $60,000 - "Undergraduate Training Grant - Professional Nurse Traineeship Program", under the direction of Miss Lucile Gregerson, Associate Professor of Nursing Education.

29. $19,221 - "Some Influences of Oxygen upon Tumor Virulence", April 1, 1963, through March 31, 1964, under the direction of Dr. Howard J. Tatum, Professor of Obstetrics and Gynecology.

30. $63,868 - "Pathophysiology of Hepatobiliary Tract", under the direction of Dr. J. Englebert Dunphy.

31. $13,711 - "Chemistry and Biochemistry of Neurohumoral Substances", August 1, 1963, through July 31, 1964, under the direction of Dr. Jacob H. Fellman, Associate Professor of Biochemistry and Assistant Professor of Neurology.

32. $52,928 - "Study of Wound Healing", August 1, 1963, through July 31, 1964, under the direction of Dr. J. Englebert Dunphy.

33. $76,755 - "Mechanisms of Oxygen Metabolism", June 1, 1963, through May 31, 1964, under the direction of Dr. Howard S. Mason.
34. $772,190 - "For the development and operation of cardiovascular research center", June 1, 1963, through May 31, 1964, under the direction of Dr. D. W. E. Baird, Dean of the Medical School.

35. $16,182 - "Hemoglobin Structure and Function in Aging Red Cells", May 1, 1963, through April 30, 1964, under the direction of Dr. Donald M. Pitcairn, Associate Professor of Medicine and Head of the Division of Chest Diseases.

36. $25,041 - "Susceptibility to Environmental Carcinogens", May 1, 1963, through April 30, 1964, under the direction of Dr. A. W. Horton, Professor of Biochemistry and Environmental Medicine.

37. $60,045 - "General Research Support Grant: for the general support of research and research training programs at the Medical School", January 1, 1963, through December 31, 1963, under the direction of Dean Baird.

38. $22,527 - "Public Health Traineeship Grant", September 30, 1963, through September 29, 1964, under the direction of Miss Gertrude Peterson, Assistant Professor of Nursing.

39. $127,342 - "Anatomy and Physiology of the Auditory Cortex", under the direction of Dr. Archie R. Tunturi, Associate Professor of Anatomy.

U. S. Army Medical Research & Development Command
Grant of $22,425 from the U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., "in further support of research on the human eccrine sweat gland", June 30, 1963, through June 30, 1964, under the direction of Dr. Richard L. Dobson, Associate Professor of Dermatology.

Estate of Louise J. Sears
Bequest under the will of Louise J. Sears through the U. S. National Bank, Portland, for the unrestricted use of Doernbecher Hospital. The $249,83 represents the Medical School's share of property included in the estate and which has now been sold.

Tektronix Employees and Tektronix Foundation
Gift of $223.36 from Tektronix employees and the Tektronix Foundation, Beaverton, in memory of Margaret E. Clymens, an employee of Tektronix. The funds are to be used in the research program on the transplantation of kidneys from unrelated individuals, under the direction of Dr. Clarence Hodges, Head of the Division of Urology.

Vierani Family Fund for Charitable Purposes
Gift of $1,056.59 from the Vierani Family Fund for Charitable Purposes through the U. S. National Bank, Portland, to be used for the purchase of supplies and medical accessories for medically indigent patients which could ordinarily not be provided for from hospital and clinic budgets.

Portland State College
Gifts totaling $1,480 from the following donors for scholarships and fellowships:
- American Society of Women Accountants, Portland $ 100.00
- Auxiliary to Professional Engineers of Oregon, Portland 330.00
- David Douglas High School, Portland 100.00
Ex-Newsboy's Association, Portland  $ 500.00
Gresham Union High School  100.00
Hillsboro Union High School  150.00
Portland Rose Festival Association  100.00
Sandy Business and Professional Women's Club  100.00

J. E. Allen  Gift to the Library of 163 books and periodicals in the field of Geology, valued at $850.60 from Mr. J. E. Allen, Portland.

Helena Public Library  Gift to the library of 294 volumes of military records, valued at $542, from the Helena Public Library, Helena, Montana.

National Science Foundation  "National Science Foundation Institutional Grant" in the amount of $11,640 from the National Science Foundation, Washington, D.C., July 1, 1963, through June 30, 1964, for research under the direction of President Barnford P. Millar.

Peace Corps  Grant of $125,427 from the Peace Corps, Washington, D.C., for the "training of Peace Corps volunteers for home economics and health and social welfare projects in Turkey", August 19, 1963, through November 1, 1963, under the direction of Dr. John O. Dart, Head of the Department of Geography.

State Board of Education  Grant of $30,110 from the State Board of Education, for "The Oregon Program--A Design for the Improvement of Education", July 1, 1962, through June 30, 1963, under the direction of Dr. Walter Manning, Director of the Oregon Program.

Dept. of Health, Education and Welfare  Grants totaling $15,342 from the U. S. Department of Health, Education, and Welfare, effective September 1, 1962, through August 31, 1963, for research, as follows:

1. $12,772 - "Benthic Faunal Indicators of Pollution in Coos Bay", under the direction of Dr. James A. Macnab, Professor of Biology.

2. $2,570 - "Heavy Metal Poisons in Waters and Industrial Wastes", under the direction of Dr. Clyde R. Johnson, Professor of Chemistry.

National Institutes of Health  Grant of $9,475 from the National Institutes of Health, Bethesda, Maryland, in support of research entitled, "Control of Biosynthesis of Dihydroorotic Dehydrogenase", May 1, 1963, through April 30, 1964, under the direction of Dr. Walter Herman Taylor, Assistant Professor of Biology.

Oregon College of Education  Gifts totaling $3,250 from the following donors for scholarships and fellowships:

Arlington Parent-Teacher Association  $ 200.00
Bunker Hill Parent-Teacher Association, Coos Bay  200.00
Corvallis Chamber of Commerce  250.00
Cottage Grove High School Parent-Teacher Club  175.00
Crown Zellerbach Foundation, San Francisco, California  1,875.00
International Order of Job's Daughters, Parkdale  300.00
National Electrical Contractors Ass'n., Portland  250.00
Eastern Oregon College

Daughters of Union Veterans
Gift of $100 from the Department of Oregon, Daughters of Union Veterans of the Civil War, Albany, as a contribution to the Student Loan Fund.

Division of Continuing Education

Scholarships & Fellowships
Gifts totaling $4,918.70 from the following donors for scholarships and fellowships:

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<th>Donor</th>
<th>Amount</th>
</tr>
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<tr>
<td>Crown Zellerbach Foundation, San Francisco, California</td>
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<td>School District #9, Coos Bay</td>
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<td>School District #549C, Medford</td>
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</tr>
<tr>
<td>Willamette Valley Lumber Company, Dallas</td>
<td>126.00</td>
</tr>
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</table>

U.S. Dept. of Health, Education and Welfare
Grant of $25,920 from the U. S. Office of Education in additional support of the "Counseling and Guidance Institute" from January 2, 1963, through October 2, 1963, under the direction of Dr. Paul E. Watson and Dr. Duane Andrews, Director of Continuation Centers.

ADJOURNMENT
The meeting adjourned at 11:30 A.M.

Wm. E. Walsh, President
R. L. Collins, Secretary
SUPPLEMENT A

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

In compliance with this provision, Chancellor Lieuallen reports the following courses, course changes, and instructors have been recommended by the Community College Committee and approved by the Chancellor for the community colleges indicated, since September 11, 1952, the date of the last report.

1. Central Oregon College (Bend)

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

- J 215. Journalism Laboratory.
- J 216, 217. Reporting.
- J 218. Copy Editing and Makeup.
- Carmen Donnell - Wr 111, 112, 113. English Composition
- Theodore Gibbons - Ph 204. Elementary Aesthetics.
- Betty Oakley - J 215. Journalism Laboratory.
- J 218. Copy Editing and Makeup.

The following course has been approved for transfer credit:

Ph 204. Elementary Aesthetics. 3 hours.

The following course changes have been approved:

  (Formerly CE 221, 222, 223. Change in prefix and numbers.)

  (Formerly BA 125, 126, 127. Change in prefix.)

The following courses have been dropped:

- G 290. Introduction to Geology of Oregon.
  (No corresponding course in System.)
- Geog 201, 202, 203. World Economic Geography.
  (No corresponding courses in System.)
2. Treasure Valley Community College (Ontario)

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

James M. Aye
- Hst 101, 102, 103. History of Western Civilization.

Carlyle I. Dean

Philip W. Govedare

Edwin D. Haynes
- Wr 111, 112, 113. English Composition.
- Eng 101, 102, 103. Survey of English Literature.

W. Dean Lewis
- PE 180. Physical Education (Women).
- PE 190. Physical Education (Men).
- HE 151. Personal Hygiene.

Muriel McCutchen
- A 127. Art Appreciation.

Clyde W. Parkert
- Ch 204, 205, 206. General Chemistry.

James H. Roberts, Jr.
- BA 211, 212, 213. Fundamentals of Accounting.
- BA 121. Introduction to Business and Industry.
- SS 121, 122, 123. Typing.

Ilo E. Schmid
- RL 50, 51, 52. First-Year French.
- RL 101, 102, 103. Second-Year French.
- GL 50, 51, 52. First-Year German.
- GL 101, 102, 103. Second-Year German.

Edward Stephens
- RL 60, 61, 62. First-Year Spanish.

Laurine Wrenn
- Hst 101, 102, 103. History of Western Civilization.

Howard E. Zink

The following courses have been approved for transfer credit:

Ch 204, 205, 206. General Chemistry. 5 hours each.
Ec 201, 202, 203. Principles of Economics. 3 hours each.
Eng 253, 254, 255. Survey of American Literature. 3 hours each.
GL 50, 51, 52. First-Year German. 4 hours each.
Hst 201, 202, 203. History of the United States. 3 hours each.
Mth 111, 112. Mathematics for Elementary Teachers. 3 hours each.
Mth 200, 201, 202, 203. Calculus with Analytic Geometry. 4 hours each.
Mus 111, 112, 113. Music Theory I. 3 hours each.
Mus 127, 128, 129. Music History and Appreciation. 3 hours each.
Ps 201, 202, 203. American Governments. 3 hours each.
Psy 201, 202, 203. General Psychology. 3 hours each.
RL 101, 102, 103. Second-Year French. 4 hours each.
RL 107, 108, 109. Second-Year Spanish. 4 hours each.
Soc 204, 205, 206. General Sociology. 3 hours each.
Z 201, 202, 203. General Zoology. 3 hours each.
The following course changes have been approved:

GS 104, 105, 106. Physical Science Survey. 4 hours each.
(Formerly 3 hours each. Change in credit.)

A 127. Art Appreciation.
(Formerly AA 127. Change in prefix.)

(Formerly BA 125, 126, 127. Change in prefix.)

3. Clatsop College (Astoria)

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

Mus 195. Band.
Mus 196. Orchestra.
Mus 201, 202, 203. Introduction to Music and Its Literature.
Mus 197. Chorus.

Philip La Vern Bainer - GS 101, 102, 103. General Biology.
Ch 201, 202, 203. General Chemistry.
Ch 204, 205, 206. General Chemistry Laboratory.

Mth 102. Trigonometry.

Harlan E. Palmer - Psy 201, 202. General Psychology.
Psy 204. Psychology of Adjustment.
Psy 209, 210. Psychology Laboratory.
Soc 204, 205, 206. General Sociology

The following courses have been approved for transfer credit:

G 201, 202, 203. Geology. 3 hours each.
G 204, 205, 206. Geology Laboratory. 1 hour each.
GL 101, 102, 103. Second-Year German. 4 hours each.
Mth 111, 112. Mathematics for Elementary Teachers. 3 hours each.
Mus 111, 112, 113. Music Theory I. 4 hours each.
Mus 195. Band. 1 hour each term, maximum 6 hours.
Mus 196. Orchestra. 1 hour each term, maximum 6 hours.
Mus 197. Chorus. 1 hour each term, maximum 6 hours.
Z 201, 202, 203. General Zoology. 3 hours each.

The following course changes have been approved:

A 127. Art Appreciation.
(Formerly AA 127. Change of prefix.)

BA 211, 212, 213. Principles of Accounting.
(Formerly BA 111, 112, 113. Change in numbers.)
4. South Western Oregon College (North Bend)

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

**Anthony Arrambide**
- RL 60, 61, 62. First-Year Spanish.
  (one-year approval for 1962-63)

**Jerry R. Crandall**
- Wr 111, 112, 113. English Composition.
- Eng 101, 102, 103. Survey of English Literature.
- Eng 201, 202, 203. Shakespeare.
- Wr 218. Creative Writing.

**Fred DeWolfe**
- Hist 101, 102, 103. History of Western Civilization.
- PS 205. International Relations.

**Donald H. Farr**
- BA 221. Elements of Production.
- BA 222. Elements of Finance.
- BA 223. Elements of Marketing.

**Ben J. Fawver**
- Bot 201, 202, 203. General Botany.
- Bi 101, 102, 103. General Biology.

**Gary L. Feasel**
- HE 151. Health Education.
- HE 250. Health Education.
- HE 252. First Aid.

**Robert N. Gibson**
- Psy 111. Personality and Development.
- Psy 201, 202. General Psychology.
- Psy 204. Psychology of Adjustment.
- Psy 205. Applied Psychology.
- Psy 208, 209, 210. General Psychology Laboratory.

**Bernard L. Wawkins**
- Bi 101, 102, 103. General Biology.

**Tom Humphrey**
- Wr 111, 112, 113. English Composition.
- Eng 101, 102, 103. Survey of English Literature.
- Eng 201, 202, 203. Shakespeare.

**Una L. Kruse**

**Ronald Lilienthal**
- Ch 101, 102, 103. Elementary Chemistry.
- Ch 201, 202, 203. General Chemistry.
- Ch 204, 205, 206. General Chemistry Laboratory.
- Ch 234. Quantitative Analysis.
- Bi 101, 102, 103. General Biology. (one-year approval for 1963-64)

**Hugh T. Lovin**
- Hist 101, 102, 103. History of Western Civilization.
- Soc 204, 205, 206. General Sociology.
- SS 101, 102, 103. Background of Social Science.
  PS 205. International Relations.

Bennell W. Meacham - J 211, 212, 213. Introduction to Journalism.
  J 215. Journalism Laboratory.
  J 216. Reporting I.
  J 217. Reporting II.
  J 218. Copy Editing and Makeup.
  Wr 111, 112, 113. English Composition.

Malcolm R. Meacham - Wr 218. Creative Writing.
  Eng 101, 102, 103. Survey of English Literature.
  Eng 201, 202, 203. Shakespeare.
  Sp 232. Group Discussion.
  Sp 237. Argumentation.
  Sp 238. Persuasion.

Lorin L. Miller - Sp 111. Extempore Speech.


  AA 290. Painting.
  AA 291. Drawing.
  AA 292. Water Color.


The following courses have been approved for transfer credit:

Bot 201, 202, 203. General Botany. 3 hours each.
Ch 227. Elements of Organic Chemistry. 4 hours.
J 215. Journalism Laboratory. 1 hour each, 3 terms.
J 216. Reporting I. 2 hours.
J 217. Reporting II. 2 hours.
J 218. Copy Editing and Makeup. 2 hours.
Mus 201, 202, 203. Introduction to Music and Its Literature. 3 hours each.
Mth 200, 201, 202, 203. Calculus with Analytic Geometry. 4 hours each.
RL 60, 61, 62. First-Year Spanish. 4 hours each.
Z 201, 202, 203. General Zoology. 3 hours each.

The following course changes have been approved:

Ch 101, 102, 103. Elementary Chemistry. 4 hours each.
(Formerly 3 hours each. Change in credit.)
Ph 201, 202, 203. General Physics. 4 hours each.
(Formerly 5 hours each. Change in credit.)
BA 211, 212, 213. Principles of Accounting.
(Formerly BA 111, 112, 113. Constructive Accounting. Change in number and title.)
(Formerly MPM. Change in prefix.)
HE 250. Personal Health.
(Formerly Health Education (Women). Change in title.)
Ch 204, 205, 206. General Chemistry. 5 hours each.
(Formerly Ch 201, 202, 203. General Chemistry, 3 hours each; and
Ch 204, 205, 206. General Chemistry Laboratory, 2 hours each.
Consolidation of listing.)
PS 201, 202, 203. American Governments.
(Formerly American Government. Change in title.)

The following courses have been dropped:

Geog 201, 202, 203. World Economic Geography.
(No corresponding course in System.)
J 211, 212, 213. Introduction to Journalism.
(Replaced by J 215, 216, 217, 218.)

5. Blue Mountain College (Pendleton)

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

Berge Borrevik
- HE 151. Personal Hygiene.
- PE 180. Physical Education (Women).
- PE 190. Physical Education (Men).
Frederick Douglas
- Psy 201, 202. General Psychology.
- Psy 204. Psychology of Adjustment.
John W. Jacobs
- GS 101, 102, 103. General Biology.
- GS 104, 105, 106. Physical Science Survey. (One-year approval for 1963-64)
Daniel E. Peterson
- Hst 101, 102, 103. History of Western Civilization.
Ronald L. Rosbach
- Hst 101, 102, 103. History of Western Civilization.
- Geog 105, 106, 107. Introduction to Geography.
Francis D. Ross
- Wr 111, 112, 113. English Composition.
Alfred Simon
- Wr 111, 112, 113. English Composition.
Dick Strait
- HE 151. Personal Hygiene.
- PE 180. Physical Education (Women).
- PE 190. Physical Education (Men).
Gary L. Teach
- Wr 111, 112, 113. English Composition.
Leon H. Van Doren
- Hst 101, 102, 103. History of Western Civilization.
Signy Vernon
- Soc 101, 102, 103. Background of Social Science.
- Soc 204, 205, 206. General Sociology.
Bruce Wilhelmsen

The following courses have been approved for transfer credit:

Eng 104, 105, 106. Appreciation of Literature. 3 hours each.
Eng 107, 108, 109. World Literature. 3 hours each.
Eng 201, 202, 203. Shakespeare. 3 hours each.
Wr. 111, 112, 113. English Composition. 3 hours each.
Sp 111, 112, 113. Fundamentals of Speech. 3 hours each.
Geog 105, 106, 107. Introductory Geography. 3 hours each.
PS 201, 202, 203. American Governments. 3 hours each.
Hist 101, 102, 103. History of Western Civilization. 3 hours each.
Hist 201, 202, 203. History of the United States. 3 hours each.
Psy 201, 202. General Psychology. 3 hours each.
Psy 204. Psychology of Adjustment. 3 hours.
RL 50, 51, 52. First-Year French. 4 hours each.
RL 101, 102, 103. Second-Year French. 4 hours each.
Mus 201, 202, 203. Introduction to Music and Its Literature. 3 hours each.
Mth 100. Intermediate Algebra. 4 hours.
Mth 101. College Algebra. 4 hours.
Mth 102. Trigonometry. 4 hours.
Mth 105, 106, 107. Introductory College Mathematics. 4 hours each.
GS 101, 102, 103. General Biology. 4 hours each.
GS 104, 105, 106. Physical Science Survey. 4 hours each.
Ch 204, 205, 206. General Chemistry. 5 hours each.
HE 151. Personal Hygiene. 3 hours.
PE 180. Physical Education (Women). 1 hour each term, 6 terms.
PE 190. Physical Education (Men). 1 hour each term, 6 terms.
Report on the Cooperative Doctoral Programs in Speech Pathology and Audiology

This is a brief report to the Board of a curricular development which it is felt will be of interest. No Board action is required.

Following more than a year of effort, a plan for cooperative doctoral programs in Speech Pathology and Audiology has been developed by representatives of the Eugene campus of the University of Oregon and the Medical School in Portland.

Agencies Involved

The proposed programs are cooperative in that they draw upon the unique and specialized resources of:

1. The two established speech and hearing clinics connected with the Medical School (Speech and Hearing Clinic of the Crippled Children's Division of the Medical School and the Portland Center for Hearing and Speech).

2. Other selected departments of the Medical and Dental Schools.

3. The Department of Speech, University of Oregon.

4. The School Psychological Services area of the School of Education of the University of Oregon.

5. The Division of Continuing Education.

Differentiated Programs Made Possible

The plan provides for the doctoral programs in speech pathology and audiology to continue to be administered, and the degrees granted, by the Eugene campus. But it provides for the utilization of the resources of the agencies referred to above in meeting the differentiated professional goals of doctoral students in the fields of speech pathology and audiology. Doctoral program requirements may, under this plan, be met by taking work:

1. wholly on the campus at Eugene (as has heretofore been the case).

2. partially on the Eugene campus and partially in Portland at the Medical and Dental Schools.

3. wholly in Portland at the Medical and Dental Schools.

Two illustrations will suggest the nature of the differentiation in doctoral programs possible under the new plan.

1. Students whose professional interests lie in a career in a college or university setting may find that the diversified offerings available on the Eugene campus are sufficient to their needs. Such students would plan such a program, though it is anticipated that for these students too, the clinical experience at the Medical School would be most useful. But in any case, the bulk of the student's work would be taken on the Eugene campus, as in the past.
2. On the other hand, students whose professional interests are clearly those of a clinician, concerned with working with people whose communicative disorders arise from organic impairments, may conceivably find extensive work in the Medical School setting of greatest benefit and value to them. Such students may, under the cooperative plan, develop a program centered largely, if not wholly, in the Medical School. Since such students are not interested in a career in college or university teaching, there is no need to hold them for work in other speech fields, such as rhetoric and public address, radio and broadcasting, the theater, etc.

Staff Relationships Under the Cooperative Program

The cooperative plan provides for the following kinds of staff relationships:

1. The doctoral student's major advisor and doctoral advisory committee may be drawn from the participating agencies listed on page 1, depending upon the nature of the program and thesis of the student.

2. Staff members from the Medical School may offer, occasionally, selected courses on the campus in Eugene, and specialists from Eugene may offer work in Portland.

3. Periodically the doctoral program requirements in speech, pathology and audiology will be subject to review by the staff on the Eugene campus and representatives of the Medical and Dental Schools.

A Noteworthy Achievement

The development of these cooperative doctoral programs is a noteworthy achievement for several reasons:

1. It exemplifies the eager willingness of the Medical and Dental Schools to have other State System institutions make full use of their extensive clinical facilities for educational purposes.

2. It is expressive of Dean Baird's decision not to seek authorization for the Medical School to offer graduate degrees in these clinical areas.

3. It exemplifies, on the part of the Department of Speech, and the School of Education, which cooperates with the Department of Speech in these programs, a desire to:
   a. strengthen the doctoral work of students in speech pathology and audiology by incorporating therein clinical experience in the Medical School.
   b. permit graduate work taken at the Medical School to count as resident credit for the doctoral degree in these fields.

4. It points the way toward possible collaboration of a like nature in other areas, such as, for example, mental health, mental retardation, vocational rehabilitation, physically handicapped, etc.

5. It encourages the development of joint research projects involving Medical School personnel and specialists from the Eugene campus.

Miles C. Romney  
Vice Chancellor for Academic Affairs