STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
STUDENT CENTER BUILDING, PORTLAND STATE COLLEGE
Portland, Oregon

April 25, 1961
9:00 A.M.

MEETING #294-1 A regular meeting of the State Board of Higher Education was held
at the Student Center Building, Portland State College, Portland,
Oregon, on April 25, 1961.

ROLL CALL

The meeting was called to order at 9:00 A.M. by the President of the
Board, Mr. Henry F. Cabell, and on roll call the following answered
present:

Mr. A. S. Grant
Mr. Allan Hart
Mr. Chas. R. Holloway, Jr.

Dr. R. E. Purvine
Mr. Wm. E. Walsh
Mr. Henry F. Cabell

Absent: Mr. J. W. Forrester, Jr., Mrs. Cheryl S. MacNaughton,
and Mr. Douglas McKeen.

Others Present: Chancellor J. R. Richards; Secretary E. M. Pallett;
President A. L. Strand of Oregon State University; Acting President W.
C. Jones of the University of Oregon; President R. E. Lieuallen of the
Oregon College of Education; President F. B. Bennett of Eastern Oregon
College; President B. P. Millar of Portland State College; Dean H. J.
Noyes of the University of Oregon Dental School; Dean D. W. E.
Baird of the University of Oregon Medical School; Director W. D.
Purvine of Oregon Technical Institute; and Dean J. W. Sherburne of
the General Extension Division; Dean M. Popovich of Oregon State Uni-
versity; Mr. W. A. Zimmerman, Assistant to the Dean and Business
Manager, University of Oregon Medical School; Mr. J. O. Lindstrom,
Business Manager, University of Oregon; Mr. G. M. Robertson, Business
Manager, Oregon State University; Mr. W. T. Lemman, Business Manager,
Portland State College; Comptroller H. A. Bork; Assistant Comptroller
J. L. Watson; Mr. J. I. Hunderup, Assistant to the Comptroller;
Mr. Allen McKenzie, Administrative Assistant, Comptroller's Office;
and Mr. W. von Otterstedt, Special Assistant Attorney General.

RE ABSENCES

Mr. Forrester was out of the state; Mr. McKeen was absent for
business reasons, and Mrs. MacNaughton was absent due to illness.
Mrs. MacNaughton 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 March 14, 1961, and approved them as
printed in the docket, with the understanding that they would be
corrected to include Dr. R. E. Purvine among those present.
Mr. Wm. E. Walsh, Vice-President of the Board, presented the following report of the Building Committee:

"At the December 1960 Board meeting, Wesley V. Korman, Pendleton, was appointed to prepare a site study indicating the possible construction of a group of married student housing units at Eastern Oregon College, and to proceed with the preparation of preliminary plans for the first group of approximately 16 units. At the March 1961 meeting, President Bennett and the architect presented a site study indicating the proposed eventual construction of 80 apartments together with the necessary service buildings and parking facilities. These buildings were to be constructed on the existing two-block site on which Bocene Court is located.

"Yesterday, President Bennett and the architect presented preliminary plans for the first 16 units. The apartments are contained in four separate two-story buildings with four apartments in each building. The apartments are identical and each has a net floor space of 556 square feet, including living room, kitchen, two bedrooms, a bathroom and a storage area. A small balcony is provided for each second floor apartment to serve as a second means of egress. Each building is of frame construction with an exterior finish of stucco and stained wood siding, with concrete foundation. Aluminum window frames are provided, and the roof is of asphalt and gravel. Ceramic tile is used on the bathroom floor and plastic tile on the remaining floors. Walls and ceilings are of plaster board. Heat is provided by individual gas heaters. Total project costs are estimated to be $150,000.

"With the concurrence of the Chancellor, President Bennett recommended that the preliminary plans be approved and that authorization be given to the appropriate Board officials to instruct the architect to proceed with the preparation of final plans and specifications.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendations presented.

Mr. Walsh continued:

"In the 1961-1963 biennial building program for self-supporting activities at the University of Oregon, there are included 144 housing units for married students. Of this number, 56 units are now under construction from free balances available in the bond issue of 1959, leaving 88 additional units to be constructed during the 1961-1963 biennial period.

"Acting President Jones recommended that the architectural firm of Lutes and Amundsen, architects for stages one and two, be employed to prepare preliminary plans for stage three consisting of 56 units located north of the units included in stage two. The total fee for the project, including architectural, engineering and landscaping services, is to be 4.125 per cent in accordance with the original contract, of which .75 per cent is to cover the cost of preliminary plans."
"Dr. Jones stated that it might be necessary to apply additional funds from the 1961 bond issue toward the construction of the addition to the Erb Memorial Union building and that he was proposing at this time the construction of only 56 married housing units with the hope that the remaining 32 units might be constructed later during the biennium if funds were available. It is anticipated that the total cost of the 56 units will be $466,912, of which $410,000 represents direct construction costs.

"The Committee recommends that the firm of Lutas and Amundsen be appointed as architects for the construction of the third phase of the married housing project in accordance with the terms outlined above, and that they now prepare preliminary plans. The funds for the payment of architectural fees are to be provided from balances available in the institutional married housing rental income account."

The Board adopted the report as presented.

Mr. Walsh continued

Report on Bids and Contract Awards for Dormitory No. 5, UO

"Bids were received in Eugene on April 18, 1961, for the proposed Dormitory No. 5 at the University of Oregon as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>$1,051,871</td>
<td>$1,125,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>231,845</td>
<td>265,826</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>5</td>
<td>68,950</td>
<td>74,400</td>
</tr>
<tr>
<td>Study Room Furniture</td>
<td>6</td>
<td>79,995</td>
<td>93,500</td>
</tr>
</tbody>
</table>

"With the concurrence of the Chancellor, Acting President Jones recommended that the appropriate Board officials be authorized to award construction contracts and that the following budget for the project be approved:

Direct Construction Costs:
- General Work = Waldo S. Hardie & Son, Eugene $1,051,871
- Mechanical Work = Harder Plumbing & Heating Co., Portland 231,845
- Electrical Work = Electric Corp., Salem 68,950
- Total Direct Construction Costs $1,432,661

Architectural and Engineering Services 62,150
Legal and Administrative Expenses 3,000
Furnishings and Equipment 100,000
Construction Supervision 6,000
Site Improvements 14,556
Contingencies 71,633
Total $1,690,000

"This dormitory will be located at Thirteenth and Columbia Streets and will connect with Dormitory No. 4 now under construction."
Housing and dining accommodations will be provided for an additional 412 men or women students. For the gross area of 90,841 square feet, the direct construction costs of $1,432,661 average $15.77 per square foot. The total investment of $1,690,000 averages $4,102 per student. The project will be financed from $100,000 Series 1959 A General Obligation Bonds plus an allocation of a portion of the Series 1961 bonds, supplemented by restricted fund balances."

The Board adopted the report and authorized the recommendations presented.

Mr. Walsh continued:

Acceptance of Final Plans for Extension of Utility Tunnel Along Jefferson Street, OSU

"A request was made of the 1961 Legislature for an appropriation of $70,000, in addition to the $2,500 previously allocated by the Board from unrestricted funds for planning purposes, to cover the over-all cost of an extension to the present utility tunnel system on the campus of Oregon State University to bring steam lines and other utilities further west on Jefferson Street from the present terminal near Heckart Lodge to the Mall to serve the new Federal Forest Research Building.

"Yesterday, President Strand presented plans prepared by Engineer W. Bruce Morrison for the construction of a reinforced concrete tunnel approximately 550 feet in length and 6 or 7 feet in height which conformed to the construction details of the previously completed tunnel system.

"With the concurrence of the Chancellor, Dr. Strand recommended that the plans be approved and that authorization be given to the Board's Office to receive bids and make contract awards for the construction of the tunnel extension when funds were available for the project through legislative appropriation, and the Federal government had awarded contracts for the Forest Research Building.

"The Committee recommends approval of the proposal."

The Board adopted the report and authorized the recommendations under the conditions presented.

Mr. Walsh continued:

Extension of Fourteenth Street, OSU

"Benton Drive provides for traffic flow across the east end of the campus of Oregon State University, but this street will be closed when construction of the proposed Library Building is started. After it is closed, there will be no campus crossing open to the public from Eleventh to Thirtieth Streets.

"In order to remedy this situation, President Strand proposed the construction of a 34-foot roadway from Jefferson Street near Fifteenth Street to Campus Way, to connect with the road from Campus Way to Monroe Street at Fourteenth Street. This arrangement will provide traffic circulation across the east end of the campus and will provide access to future building sites to the west and future
parking areas to the east of the proposed street. Plans for the proposed construction were submitted to the Committee with the recommendation that the project be financed by the transfer of $17,000 from the Salary Savings Reserve of the institution to a special construction account.

"The Committee concurs in the recommendations that Fourteenth Street be extended, with funds therefor being provided from institutional balances."

The Board adopted the report and approved the recommendations presented.

Mr. Walsh continued:

Proposed Crosswalk and Traffic Control System, PSC

"All exits from the north and south sides of recently constructed buildings for Portland State College are in the middle of the block, and students crossing the streets from one block to another usually do not walk to the corner.

"Since all-day vehicular parking is permitted on these streets, visibility is poor and injuries or death to students are possible.

"Personnel from the College and the City of Portland have studied the problem intensively and have formulated a plan for a crosswalk traffic control system. Crosswalks are to be painted on Southwest Mill Street and Southwest Harrison Street in mid-block, and an installation made of an illuminated crosswalk sign with a flood light to illuminate the crosswalk. Vehicular stop and go lights are to be installed at Montgomery Street and Park Avenue, also pedestrian walk and wait signals are to be installed in the mid-block on Southwest Montgomery Street, all to be coordinated with existing traffic signals on Southwest Montgomery and Broadway.

"President Millar, with the concurrence of the Chancellor, recommended that the plan be adopted as presented and that the City of Portland be reimbursed for its actual cost of labor and materials. It was recommended also, with the concurrence of the Finance Committee, that $6,000 be appropriated from the Board's unappropriated funds for the program."

The Board adopted the report and approved the recommendations presented.

Mr. Walsh concluded the report of the Building Committee as follows:

Purchase of Land for OTI

"The well from which hot water is to be obtained to heat buildings on the new campus of Oregon Technical Institute is located in the southeast corner of the campus. In order to be in a position to drill a cluster of wells in this vicinity to assure the required amount of hot water in the future, it is desirable to purchase additional acreage adjacent to this corner. An option to purchase five acres at $425 per acre has been obtained from the owner."
"Director Purvine, with the endorsement of the Chancellor, recommended that Board officials be authorized to purchase an additional five acres at the option price, with funds to be provided from the 1959 legislative appropriation which was made to cover the preliminary costs involved in developing plans and site acquisition for the transfer of the institution to a new site.

"The Committee concurs in the recommendation."

The Board approved the property purchase as recommended.

Mr. Walsh, Chairman of the Finance Committee, presented the following report:

**FINANCE COMMITTEE REPORT**

**$2,300,000 Bond Issue**

"The Chancellor reported that at 9:00 A.M., April 25, 1961, sealed bids were received by the Secretary of the Board, with the State Treasurer present, pursuant to an advertisement authorized by the Board of Higher Education at its regular meeting of March 14, 1961, for the proposed sale of $2,300,000 par value State Board of Higher Education Building Bonds, Series 1961 A. Bids received for the bonds were as follows:

<table>
<thead>
<tr>
<th>Name of Bidder</th>
<th>Interest Rate on Designated Maturities</th>
<th>Total Coupon Interest Cost</th>
<th>Add Total Discount</th>
<th>Total Aggregate Interest Cost</th>
<th>Effective Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halsey, Stuart &amp; Co., Inc.</td>
<td>1964-1974 3.00%</td>
<td></td>
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</tbody>
</table>
"Following the reading of the bids, the Chancellor indicated that the most favorable bid was that of Harris Trust and Savings Bank, The First National City Bank of New York, Bankers Trust Company, The First National Bank of Oregon, Portland, and Associates, with a total aggregate interest cost of $1,634,547 and an effective interest rate of 3.5065 per cent, and he recommended that it be accepted."

It was moved by Director Hart that the bid of Harris Trust and Savings Bank, The First National City Bank of New York, Bankers Trust Company, The First National Bank of Oregon, Portland, and Associates be accepted. Director Grant seconded the motion. The President of the Board indicated that it had been moved and seconded that the Board accept the bid as indicated.

On roll call vote the Board voted on the adoption of the motion as follows:

Those voting yes: Directors Grant, Hart, Purvine, Walsh and Cabell.

Those voting no: None.

The President thereupon declared the motion passed by a majority vote.

Thereupon Director Hart offered and moved the adoption of the following resolution, which motion was duly seconded by Director Grant:

**RESOLUTION**

BE IT RESOLVED that the TWO MILLION THREE HUNDRED THOUSAND DOLLARS ($2,300,000) STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1961 A, sold at 98.139 on the 25th day of April, 1961, be issued to bear date the 15th day of April 1961; to bear interest at the rate of 5.00 per cent per annum for the bonds of the issue maturing on April 15 of the years 1964 to 1971 inclusive, at the rate of 3.10 per cent per annum for the bonds of the issue maturing on April 15 of the years 1972 to 1974 inclusive, at the rate of 3.20 per cent per annum for the bonds of the issue maturing on April 15 of the years 1975 to 1976 inclusive, at the rate of 3.30 per cent per annum for the bonds of the issue maturing on April 15 of the years 1977 to 1978 inclusive, at the rate of 3.40 per cent per annum for the bonds of the issue maturing on April 15 of the years 1979 to 1982 inclusive, at the rate of 3.50 per cent per annum for the bonds of the issue maturing on April 15 of the years 1983 to 1986 inclusive, at the rate of 3.60 per cent per annum for the bonds of the issue maturing on April 15 of the years 1987 to 1990 inclusive, and at the rate of 3.00 per cent per annum for the bonds of the issue maturing on April 15, 1991; and

BE IT FURTHER RESOLVED that the bonds be issued to mature serially on the dates provided in the resolution of the Board duly adopted at the regular meeting of the Board duly and legally held on the 14th day of March, 1961; and that both the principal of and the interest upon the bonds be paid at the office of the State Treasurer of the State of Oregon; and
BE IT FURTHER RESOLVED that the said bonds and coupons annexed thereto be executed in the form prescribed in the resolution adopted by the Board at the meeting thereof held on the 14th day of March, 1961; and

BE IT FURTHER RESOLVED that the resolution of March 14, 1961, of the Board, authorizing the issuance of said bonds, and all acts performed by the Board in adopting the said resolution, and by the Secretary and Comptroller of the Board in connection with the issuance and sale of the said bonds, be and they hereby are fully approved, ratified, and confirmed.

On motion by Director Hart and second by Director Grant, the above resolution was adopted on roll call vote with the following voting in favor of adoption: Directors Grant, Hart, Purvine, Walsh, and Cabell.

Those voting no: None.

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

Mr. Holloway arrived later in the meeting. A review was made of the bids for the bonds, and also of the Board actions in accepting the best bid and authorizing the issuance of the bonds. Mr. Holloway then indicated that he voted in favor of the Board actions.

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

$5,000,000 Bond Issue

"The Chancellor reported that at 9:00 A.M., April 25, 1961, sealed bids were received by the Secretary of the Board, with the State Treasurer present, pursuant to an advertisement authorized by the Board of Higher Education at its regular meeting of March 14, 1961, for the proposed sale of $5,000,000 par value State Board of Higher Education Building Bonds, Series 1961 D. Bids received for the bonds were as follows:

<table>
<thead>
<tr>
<th>Name of Bidder</th>
<th>Interest Rate on Designated Maturities</th>
<th>Total Coupon Interest Cost</th>
<th>Add Total Discount Cost</th>
<th>Total Aggregate Interest Cost</th>
<th>Effective Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halsey, Stuart &amp; Co., Inc.</td>
<td>1964-1974 3.00%</td>
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</tr>
<tr>
<td>Smith, Barney &amp; Co., C. J.</td>
<td>1975-1977 3.25%</td>
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<tr>
<td>Devine &amp; Co., Continental</td>
<td>1978-1979 3.40%</td>
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</tr>
<tr>
<td>Illinois National Bank &amp; Trust</td>
<td>1980-1986 3.50%</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company of Chicago</td>
<td>1987-1991 3.60%</td>
<td>$3,508,534</td>
<td>$100,000</td>
<td>$3,608,534</td>
<td>3.57188%</td>
</tr>
<tr>
<td>The First National Bank of</td>
<td>1964-1974 3.00%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chicago</td>
<td>1975-1978 3.20%</td>
<td></td>
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<tr>
<td>Morgan Guaranty Trust</td>
<td>1979-1981 3.40%</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company of New York, Account</td>
<td>1982-1991 3.50%</td>
<td>$3,449,888</td>
<td>$90,646.50</td>
<td>$3,540,534</td>
<td>3.504577%</td>
</tr>
<tr>
<td>Managers and Associates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Name of Bidder</th>
<th>Interest Rate on Designated Maturities</th>
<th>Total Interest Cost</th>
<th>Add Total Discount</th>
<th>Total Aggregate Interest Cost</th>
<th>Effective Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harris Trust and Savings Bank, The</td>
<td>1964-1971 5.00%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First National City Bank of New York, Bankers Trust Company,</td>
<td>1975-1976 3.20%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bank of New York, Bankers Trust Company,</td>
<td>1977-1978 3.30%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The First National Bank of Oregon, Portland, and Associates</td>
<td>1983-1986 3.50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bank of Oregon, Portland, and Associates</td>
<td>1987-1990 3.60%</td>
<td>$3,437,976</td>
<td>$100,000</td>
<td>$3,537,976</td>
<td>3.5020%</td>
</tr>
<tr>
<td>1991 2.00%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

"Following the reading of the bids, the Chancellor indicated that the most favorable bid was that of Harris Trust and Savings Bank, The First National City Bank of New York, Bankers Trust Company, The First National Bank of Oregon, Portland, and Associates, with a total aggregate interest cost of $3,537,976 and an effective interest rate of 3.5020 per cent, and he recommended that it be accepted.

It was moved by Director Hart that the bid of Harris Trust and Savings Bank, The First National City Bank of New York, Bankers Trust Company, The First National Bank of Oregon, Portland, and Associates be accepted.

Director Grant seconded the motion. The President of the Board indicated that it had been moved and seconded that the Board accept the bid as indicated.

On roll call vote the Board voted on the adoption of the motion as follows:

Those voting yes: Directors Grant, Hart, Purvine, Walsh and Cabell.

Those voting no: None.

The President thereupon declared the motion passed by a majority vote. Thereupon Director Hart offered and moved the adoption of the following resolution, which motion was duly seconded by Director Grant:

**RESOLUTION**

DE IT RESOLVED that the FIVE MILLION DOLLARS ($5,000,000) STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1961 B, sold at 98 on the 25th day of April, 1961, be issued to bear date the 15th day of April 1961; to bear interest at the rate of 5.00 per cent per annum for the bonds of the issue maturing on April 15 of the years 1964 to 1971 inclusive, at the rate of 3.10 per cent per annum for the bonds of the issue maturing on April 15 of the years 1972 to 1974 inclusive, at the rate of 3.20 per cent per annum for the bonds of the issue maturing on April 15 of the years 1975 to 1976 inclusive, at the rate of 3.30 per cent per annum for the bonds of the issue maturing on April 15 of the years
1977 to 1978 inclusive, at the rate of 3.40 per cent per annum for the bonds of the issue maturing on April 15 of the years 1979 to 1982 inclusive, at the rate of 3.50 per cent for the bonds of the issue maturing on April 15 of the years 1983 to 1986 inclusive, at the rate of 3.60 per cent per annum for the bonds of the issue maturing on April 15 of the years 1987 to 1990 inclusive, and at the rate of 2.00 per cent per annum for the bonds of the issue maturing on April 15, 1991; and

BE IT FURTHER RESOLVED that the bonds be issued to mature serially on the dates provided in the resolution of the Board duly adopted at the regular meeting of the Board duly and legally held on the 14th day of March, 1961; and that both the principal of and the interest upon the bonds be paid at the office of the State Treasurer of the State of Oregon; and

BE IT FURTHER RESOLVED that the said bonds and coupons annexed thereto be executed in the form prescribed in the resolution adopted by the Board at the meeting thereof held on the 14th day of March, 1961; and

BE IT FURTHER RESOLVED that the resolution of March 14, 1961, of the Board, authorizing the issuance of said bonds, and all acts performed by the Board in adopting the said resolution, and by the Secretary and Comptroller of the Board in connection with the issuance and sale of the said bonds, be and they hereby are fully approved, ratified and confirmed.

On motion by Director Hart and second by Director Grant, the above resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Grant, Hart, Purvine, Walsh, and Cabell.

Those voting no: None.

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

Mr. Holloway arrived later in the meeting. A review was made of the bids for the bonds, and also of the Board actions in accepting the best bid and authorizing the issuance of the bonds. Mr. Holloway then indicated that he voted in favor of the Board actions.

Mr. Henry F. Cabell, President of the Board, announced that the next regular meeting of the Board would be held June 12 and 13, 1961, on the campus of Oregon State University, Corvallis. He also called attention to the list of official meetings for the remainder of 1961 as printed in the docket.
The following Board members were appointed as representatives to the several commencement exercises and to approve degree lists:

<table>
<thead>
<tr>
<th>Institutions</th>
<th>Commencement Date</th>
<th>Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State University</td>
<td>June 5, Monday (Baccalaureate - June 4, Sunday)</td>
<td>J. W. Forrester, Jr.</td>
</tr>
<tr>
<td>University of Oregon</td>
<td>June 11, Sunday</td>
<td>Wm. E. Walsh</td>
</tr>
<tr>
<td>Dental School</td>
<td>June 8, Thursday</td>
<td>Douglas McKeen</td>
</tr>
<tr>
<td>Medical School</td>
<td>June 9, Friday</td>
<td>A. S. Grant</td>
</tr>
<tr>
<td>Nursing School</td>
<td>June 8, Thursday</td>
<td>A. S. Grant</td>
</tr>
<tr>
<td>Portland State College</td>
<td>June 11, Sunday</td>
<td>Douglas McKeen</td>
</tr>
<tr>
<td>Oregon College of Education</td>
<td>June 9, Friday</td>
<td>Chas. R. Holloway, Jr.</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>June 4, Sunday</td>
<td>R. E. Purvine</td>
</tr>
<tr>
<td>Eastern Oregon College</td>
<td>June 9, Friday</td>
<td>J. W. Forrester, Jr.</td>
</tr>
<tr>
<td>Oregon Technical Institute</td>
<td>June 9, Friday</td>
<td>Allan Hart</td>
</tr>
</tbody>
</table>

The Secretary of the Board was instructed to send each member an official notice of appointment.

The Chancellor reported that the legislature had tentatively decided to proceed with a scholarship program for private and public institutions in the State of Oregon. It also appears that the legislature would assist in providing matching funds for federal student loans available under the National Defense Education Act. In addition, the legislature has authorized the Scholarship Commission to assist in the raising of private funds, and it is probable that an adequate budget will be appropriated to enable the Commission to operate independently. The Chancellor stated that scholarships and loan funds for student assistance were important, but that it must be recognized that increases in enrolment place a larger burden on the institutions and increase costs. He indicated that it is necessary for the State System to keep in focus the need for expansion in personnel and facilities in relation to increases in enrolment which will result from added assistance to needy and able students. Both areas must be supported so that larger numbers of America's most able students may go on to college for training vital to the country's needs. President Cabell summarized the Chancellor's remarks by stating, "Additional money for scholarships is a great aid, but it is not a substitute for expenditure of funds in keeping these institutions going. Actually it means we will need more funds to take care of these good students who will be going to college on scholarships, students we would not get otherwise".
Resolution re Mr. Hart moved that the following resolution be adopted:
Graduate School of Social Work

RESOLUTION

SCHOOL OF SOCIAL WORK

In response to Senate Joint Resolution No. 36 adopted by the 50th Legislative Assembly, the State Board of Higher Education has, as requested, completed plans for the establishment of an accredited graduate school of social work and presented appropriate budgetary requests for the 1961-1963 biennium.

The Board's program provides for the development of the school at Portland State College. The Board is convinced that the proposed program is well conceived in terms of effectively meeting the needs of the State for the recruitment, training, and retention of professional personnel; that it will provide an important focus of academic resources for the social work profession; that it is academically sound and will lead to accreditation at the earliest possible date; and that it has been planned for economical operation, comparing very favorably with similar programs in other states.

The Board, moreover, believes that this program will constitute an important addition to higher education and will remedy an outstanding deficiency in professional training. The Board is convinced of the increasing need for adequate professional personnel in this field, in order to cope with the circumstances of modern society which place continuously increasing demands upon public and private agencies. The tremendous amounts of money, private and public, which go into welfare payments seem to make it imperative that there be increased emphasis on making professional direction available to this task.

For these reasons, and in conformity with the recommendations of the Senate Joint Resolution, the State Board of Higher Education has put forward a proposal for the establishment of an accredited school of social work at Portland State College in the current biennium, and recommends that it be considered an important part of the Board's operations and budgetary requests for the biennium.

Following the motion by Director Hart and a second by Director Grant, the above resolution re-affirming the Board's sanction of the establishment of a Graduate School of Social Work at Portland State College was adopted by a unanimous vote.
Bids were received in Portland on March 30, 1961, for the proposed Addition to Hunt Hall, the men's dormitory at Eastern Oregon College, 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>4</td>
<td>$240,473</td>
<td>$265,777</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>3</td>
<td>67,249</td>
<td>83,526</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>5</td>
<td>27,356</td>
<td>32,965</td>
</tr>
<tr>
<td>Bedroom Cabinet</td>
<td>3</td>
<td>40,165</td>
<td>42,385</td>
</tr>
</tbody>
</table>

With the concurrence of the Chancellor, President Bennett recommended that the appropriate Board officials be authorized to award construction contracts and that the following budget for the project be approved:

Direct Construction Costs:
- General Work - Bechtel Bros., La Grande $240,473
- Mechanical Work - Lord Bros. Contractors, Portland 67,249
- Electrical Work - Tice Electric Company, Portland 27,356
- Study Bedroom Cabinet Work - Oregon Woodwork, Ltd., Portland 40,165
- Total Direct Construction Costs $375,243

Additional Costs:
- Architectural and Engineering Services 21,908
- Legal and Administrative Expense 1,000
- Furnishings and Equipment 17,000
- Construction Supervision 4,200
- Site Improvements (Landscaping) 1,500
- Contingencies 19,149
- Total $440,000

The dormitory will provide housing accommodations for 112 additional students. The five-story building will have a total area of 22,560 square feet for which the direct construction costs of $375,243 average $16.63 per square foot. The total investment of $440,000 averages $3,929 per occupant. The project will be financed from a portion of the proceeds from the sale of $7,300,000 General Obligation Bonds Series 1961, supplemented, if necessary, by restricted fund balances.

The Board approved the construction budget and authorized Board officials to award construction contracts to the low bidders as recommended.
Meeting #294-14

Item 2

Bids were received in Monmouth on April 5, 1961, for the proposed new residence hall at Oregon College of Education 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>13</td>
<td>$354,877</td>
<td>$428,682</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>10</td>
<td>86,721</td>
<td>125,533</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>10</td>
<td>47,770</td>
<td>68,545</td>
</tr>
<tr>
<td>Built-in Furniture Work</td>
<td>9</td>
<td>38,700</td>
<td>76,913</td>
</tr>
</tbody>
</table>

With the concurrence of the Chancellor, President Lieuallen recommended that the appropriate Board officials be authorized to award construction contracts and that the following budget for the project be approved:

**Direct Construction Costs:**
- Mechanical Work - Harder Plumbing & Heating, Inc., Portland 86,721
- Electrical Work - Ace Electric Company, Portland 47,770

**Total Direct Construction Costs** $528,068

- Architectural and Engineering Services 28,300
- Legal and Administrative Expense 1,000
- Furnishings and Equipment 40,000
- Construction Supervision 8,000
- Site Improvements (Landscaping) 8,229
- Contingencies 26,403

**Total $640,000**

Housing accommodations will be provided for 150 men or women students. For the total area of 34,586 square feet, excluding covered porches and walks, the direct construction costs of $528,068 average $15.27 per square foot. The total investment of $640,000 averages $4,267 per student. The project will be financed from a portion of the proceeds from the sale of $7,300,000 General Obligation Bonds Series 1961, supplemented by restricted fund balances.

The Board approved the construction budget and authorized Board officials to award construction contracts to the low bidders as recommended.
April 25, 1961

Item 3

Bids were received in Corvallis on April 11, 1961, for the proposed Dormitory No. 4, the final unit of the dormitory quadrangle at Oregon State University, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>8</td>
<td>$637,700</td>
<td>$720,000</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>6</td>
<td>126,781</td>
<td>150,902</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>8</td>
<td>57,439</td>
<td>65,940</td>
</tr>
<tr>
<td>Built-in Furniture</td>
<td>7</td>
<td>70,000</td>
<td>133,450</td>
</tr>
</tbody>
</table>

With the concurrence of the Chancellor, President Strand recommended that the appropriate Board officials be authorized to award construction contracts and that the following budget for the project be approved:

Direct Construction Costs:
- General Work - Todd Building Company, Roseburg $637,700
- Mechanical Work - Linn-Pacific Mechanical Contractors, Inc., Albany 126,781
- Structural Steel - Calbag Steel Warehouse Co., Portland 6,974
- Built-in Furniture - Tech-Craft, Inc., Tacoma 70,000

Total Direct Construction Costs $898,894

Architectural and Engineering Services 42,845
Legal and Administrative Expense 2,000
Furnishings and Equipment 70,000
Construction Supervision 8,250
Site Improvements (Landscaping) 23,066
Contingencies 44,945

Total $91,090,000

*Bids for the structural steel needed for this dormitory were solicited in September 1959 and an award was made to the low bidder at that time.

Housing accommodations will be provided for a total of 327 additional students. For the total area of 64,549 square feet, excluding covered porches and walks, the direct construction costs of $898,894 average $13.93 per square foot. The total investment of $1,090,000 averages $3,333 per occupant. The project will be financed from a portion of the proceeds from the sale of $7,300,000 General Obligation Bonds Series 1961, supplemented, if necessary, by restricted fund balances.

The Board approved the construction budget and authorized Board officials to award construction contracts to the low bidders as recommended.
Pursuant to authorization granted by the Board at the March 1961 meeting, bids were received in Eugene on April 12, 1961, for the construction of a Psychology Animal Research Laboratory for the University of Oregon. Nine bids were received ranging from a low of $48,265 to a high of $53,019. A contract award was made to the low bidder and the following construction budget was approved:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs--Lyman L. Windheim, Eugene</td>
<td>$48,265</td>
</tr>
<tr>
<td>Architectural and Engineering Fees</td>
<td>$3,258</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>$10,483</td>
</tr>
<tr>
<td>Construction Supervision and Miscellaneous</td>
<td>$581</td>
</tr>
<tr>
<td>Contingencies</td>
<td>$2,413</td>
</tr>
<tr>
<td><strong>Total Project Costs</strong></td>
<td><strong>$ 65,000</strong></td>
</tr>
</tbody>
</table>

The amount of the contract award includes the acceptance of the alternate providing air conditioning. The total is equal to the estimate reported to the Board on March 14, 1961, and the project will be financed from the following resources:

- National Science Foundation grant: $18,790
- Matching funds allocated by the Board in June 1960: $22,046
- Contract Research Overhead: $24,164
- **Total: $65,000**

An area of approximately 3,350 square feet will be provided in the one-story concrete block and wood-frame structure, to be used principally for primate and rodent research in the Department of Psychology.

The Board adopted the report as presented.

On March 18, 1961, the Comptroller inspected and accepted the work of L. S. Baier and Associates for the construction of the research vessel ACONA for the Department of Oceanography at Oregon State University, subject to the completion of a few minor items. The project costs, which were financed from grants of $250,000 from the Office of Naval Research and $35,300 from the National Science Foundation, were as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs--L. S. Baier and Associates, Portland</td>
<td>$184,000.97</td>
</tr>
<tr>
<td>Architectural and Engineering Fees</td>
<td>$13,250.00</td>
</tr>
<tr>
<td>Travel and Other Direct Expenses</td>
<td>$2,132.05</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>$79,916.98</td>
</tr>
<tr>
<td>Miscellaneous Costs (Administrative overhead allocated to OSU)</td>
<td>$6,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 285,300.00</strong></td>
</tr>
</tbody>
</table>

The vessel was designed by Naval Architect William Garden of Seattle, Washington. It is of steel construction, 80 feet long and 21 feet 8 inches wide. The main deck contains approximately 200 square feet of laboratory space and there are also galley and dining facilities on the main deck. Accommodations for 15 persons are provided. The cruising range is approximately 4,000 nautical miles.
Inspection and acceptance was made in Portland rather than at Newport as originally contemplated. Sea trials will be made following the installation of additional equipment.

The Board confirmed the action accepting the Acona.

**Item 6**

*Closing of Alley Parallel to Columbia Street, UO*

Acting President Jones reported that the Eugene City Council on February 15, 1961, at the request of the University of Oregon, approved the vacating of the alley between Columbia and Moss Streets, extending from Fifteenth Avenue on the south to Fourteenth Avenue on the north, if extended. The closing of this alley is necessary for the construction of Dormitory No. 7.

The Board adopted the report as presented.

**Item 7**

*Purchase of Harry Property, UO*

Acting President Jones, with the concurrence of the Chancellor, recommended the purchase at the option price of the Harry property, located within the campus boundaries of the University of Oregon at 1467 Agate Street, Eugene. Two appraisals were secured: $11,850 and $11,500, for an average of $11,675. An option for $10,500 has been obtained. The property consists of a lot 50 by 100 feet on which is located a two-bedroom frame house with garage. The property is needed for future dormitory development. It is recommended that funds for the purchase be provided from salary savings at the University of Oregon.

The Board approved the property purchase as recommended.

**Item 8**

*Purchase of Klotzbach Property, OSU*

President Strand, with the concurrence of the Chancellor, recommended the purchase at the option price of the Klotzbach property, located at 342 South Fourteenth Street, Corvallis, within the campus boundaries of Oregon State University. Three appraisals were secured: $14,250, $14,400 and $14,700, for an average of $14,450. An option for $14,400 has been obtained. The property consists of a lot 50 feet by 100 feet on which is located a seven-room house with basement. The property is needed for future dormitory development. It is recommended that the funds for the purchase be provided from the Board's Land Purchase Reserve.

The Board approved the property purchase as recommended.
Item 9  
The Board approved a budget increase from the Board's Unappropriated Fund to the Board's Office budget in the amount of $5,200 to cover the costs of the presidential search committees, costs connected with the preparation and presentation of the biennial budget to the legislature, and other operating costs during the remainder of the current fiscal year. The funds are to be distributed $3,200 to materials and expense and $2,000 to travel.

Item 10  
The Board approved the addition of $2,630 from the Board's Unappropriated Fund to the Office of General Services in the General Extension Division, to cover operating costs during the remainder of the current fiscal year.

PERSONNEL

Item 11  
The Board approved the following personnel adjustments as submitted by the Institutional Executives concerned the necessary funds being provided in the 1961-1962 budgets:

University of Oregon

R. J. Pellegrin,  
Appointment, effective September 1, 1961, of Dr. Roland J. Pellegrin as Director of the Institute for Community Studies and Professor of Sociology, indefinite tenure, 10-months' service, at an annual salary of $13,700. The $700 required for appointment at a higher-than-budgeted rate is available in the department.

M. Fixman,  
Appointment, effective September 1, 1961, of Dr. Marshall Fixman as Director of the Institute of Theoretical Science and Professor of Chemistry, indefinite tenure, 10-months' service, at an annual salary of $13,700. The $200 required for appointment at a higher-than-budgeted rate is available in the department.

University of Oregon Dental School

C. J. Stout,  
Promotion and Increase in Salary  
Promotion of Dr. Charles J. Stout, Associate Professor and Acting Head of the Department of Prosthetic Dentistry, to Head of the Department of Prosthetic Dentistry, effective April 1, 1961, with no change in rank, but with an increase in annual salary from $10,500 to $11,500. The additional $250 required for 1960-61 is to be transferred from the Salary Adjustment Reserve to the Department of Prosthetic Dentistry.

University of Oregon Medical School

Miss D. Chun,  
Increase in Salary  
Increase in annual salary for Miss Diana Chun, Research Assistant in Cardiology, from $4,620 to $4,800, effective March 1, 1961. Miss Chun's entire salary is paid from restricted research funds in the Cardiology Division, and the amount required for the increase is available in that account.

T. Fugita,  
Increase in Salary  
Increase in salary for Mr. Thomas Fugita, Research Assistant in Neurology, from $5,200 to $6,000, effective March 1, 1961, in recognition of his contribution to the research program of the Department of Neurology. Mr. Fugita's salary is paid entirely from a U. S. Public Health Service grant and funds for the increase are provided in the grant.
The Board accepted the following gifts and grants and authorized the Secretary of the Board to make suitable acknowledgement to the donors:

**University of Oregon**

**Scholarships & Fellowships**

Gifts totaling $16,715.72 from the following donors for scholarships and fellowships:

- **American Legion Auxiliary Department of Oregon, Dundee**
  - Amount: $100.00

- **American-Marietta Company, Seattle, Washington**
  - Amount: $250.00

- **Estate of Joseph K. Starr through Clayton C. Purdy, Trustee, Detroit, Michigan**
  - Amount: 12,984.77

- **Georgia-Pacific Foundation, Portland**
  - Amount: 500.00

- **The Firestone Tire & Rubber Co., Akron, Ohio**
  - Amount: 322.77

- **Max D. Tucker Scholarship Awards through the U. S. National Bank, Portland**
  - Amount: 666.68

- **Oregon Pepsi-Cola Bottlers Scholarship Foundation, Seaside**
  - Amount: 324.50

- **Orides Mothers, Eugene**
  - Amount: 180.00

- **South Santiam Educational and Research Project through the Oregon State College Foundation**
  - Amount: 367.00

- **Mrs. Lillian A. Stelle, Eugene**
  - Amount: 200.00

- **Women's Architectural League of Oregon, Portland**
  - Amount: 270.00

- **Rotary Club, Gold Beach**
  - Amount: 100.00

- **McDowell-Catt Foundation, Albany**
  - Amount: 250.00

- **National Merit Scholarship Corporation, Evanston, Illinois**
  - Amount: 200.00

**B. B. Barker**

Gift of $100 from Dr. Burt Brown Barker, Portland, as a gift to the Barker Historical Research Fund, under the direction of Dr. W. O. Shanahan, Head of the History Department.

**National Science Foundation**

Grant of $19,255 from the National Science Foundation, Washington, D.C., in support of "An Undergraduate Research Participation Program in Psychology", April 1, 1961, through June 30, 1962, under the direction of Dr. Harry A. Shoemaker, Assistant Professor of Psychology.

**U. S. Dept. of the Interior; National Park Service**

Grant of $10,000 from the National Park Service, U. S. Department of the Interior, San Francisco, California, for archaeological salvage excavations in the John Day Reservoir, June 1, 1961, through May 31, 1962, under the direction of Dr. L. S. Cressman, Head of the Department of Anthropology.

**U. S. Public Health Service**

Grants totaling $35,320 from the U. S. Public Health Service for research as follows, to be effective April 1, 1961, through March 31, 1962, unless otherwise indicated:

1. **$11,854 - "Neuroendocrine Factors and Male Sex Organ Functions"**, under the direction of Dr. Paul L. Risley, Professor of Biology.

2. **$9,700 - "The Succession of Visual Pigments in Salmon and Trout"**, under the direction of Dr. Frederick W. Munz, Assistant Professor of Biology.
3. $6,947 - "Auxin and Carbohydrate Metabolism of Gymnosperm Tissues" May 1, 1961, through April 30, 1962, under the direction of Dr. Jacob Straus, Assistant Professor of Biology.

4. $6,819 - "A Quantitative Study of Aromatic Compounds as Dienes", June 1, 1961, through May 31, 1962, under the direction of Dr. John B. Bush, Jr., Instructor in Chemistry.

University of California Grant of $3,039 from the University of California, Los Angeles, California, for research entitled, "The Management of Ineffective Performance in the Business Organization", June 15 through September 14, 1961, under the direction of Dr. John Miner, Assistant Professor of Management.

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

F. Brenne City directories from various cities, valued at $180, from Mr. Fred Brenne, Eugene.

K. McMullen Gift of three boxes of city directories, valued at $120, from Mr. Kenneth McMullen, Boston, Massachusetts.

Mrs. H. A. Rands Gift of the diaries, files and books of Mr. Harold A. Rands, who was a civil engineer responsible for many of the preliminary dam surveys of the Willamette and Columbia Rivers. The papers, valued at $400, are the gift of Mrs. Harold A. Rands, Portland.

University of Oregon Dental School

Gifts of equipment from the Ritter Company, Inc., Rochester, New York, for use in the Operative Dentistry Department, as follows:

1. An Audiac, which is an audio analgesia machine, valued at $1,740.

2. Ten replaceable cartridges for Ritter Airotors, valued at $600.

3. Ten Ritter Borden Turbine Airotors, Model B, complete with handpieces, valued at $4,010.

U. S. Army; Grant of $9,746 from the U. S. Army, Office of the Surgeon General, July 1, 1961, through June 30, 1962, in continued support of Office of the research entitled, "Dimensional Behavior of Wax Patterns as used Surgeon General in the Indirect Inlay Casting Procedure", under the direction of Dr. David B. Mahler, Head of the Dental Materials Department.

U. S. Public Health Service Grants totaling $22,900 from the U. S. Public Health Service, for research as follows:

1. $17,900 - "Development of the Oral Flora of the Infant and Child", May 1, 1961, through April 30, 1962, under the direction of Dr. Richard B. Parker, Assistant Professor of Bacteriology.
2. $5,000 - "To continue support of the cancer training program", June 1, 1961, through May 31, 1962, under the direction of Dr. Norman H. Rickles, Head of the Department of Oral Pathology.

University of Oregon Medical School

Alumni Association, UOMS
Gifts totaling $1,221.60 from the University of Oregon Medical School Alumni Association, Portland, to cover out-of-state travel expenses for staff members to professional meetings.

Beta Sigma Phi
Grant of $630 from the Beta Sigma Phi Sorority, Coquille, to be used for cancer research under the direction of Dr. Edwin E. Osgood, Head of the Division of Experimental Medicine.

Kelly Foundation
Gift of $400 from the Kelly Foundation through Mr. and Mrs. Vernon L. Kelly, The Dalles, to be used for research in cancer and heart disease.

R. S. Kinoshita
Gift of $100 from Dr. Robert S. Kinoshita, Portland, to be added to the Medical School Research Fund.

McDowell-Catt Foundation
Grant of $1,413.56 from the McDowell-Catt Foundation, Albany, to be used for the medical research program at the discretion of Dean D. W. E. Baird.

Doernbecher Hospital Guild
Grants totaling $3,013.13 from the Doernbecher Hospital Guild, Portland, to be distributed as follows: $2,913.13 for the purchase of equipment and $100 as a contribution to the Grace Phelps Memorial Fund.

American Cancer Society; Oregon Division
Grants totaling $9,538 from the American Cancer Society, Oregon Division, Portland, to be used for research as follows:

1. $6,838 - "Clinical Cancer Chemotherapy", under the direction of Dr. William S. Fletcher, Instructor in Surgery.

2. $2,700 - "The Study of Bone Tumors in Animals", April 1 through May 31, 1961, under the direction of Dr. Sheldon A. Jacobsen, Associate Clinical Professor of Pathology.

American Foundation for Pharmaceutical Education
Grant of $1,600 from the American Foundation for Pharmaceutical Education, Washington, D.C., to provide a graduate fellowship for a designated student in pharmaceutical education, September 1, 1961, through June 30, 1962.

Alpha Phi Sorority, Cardiac Aid Division
Gift of an RCA portable "Slim Line" television set and stand, valued at $200, from the Alpha Phi Sorority, Cardiac Aid Division, Beaverton, to be used in the Doernbecher Memorial Hospital for Children.

Multnomah County Tuberculosis and Health Association
Gift of $200 from the Multnomah County Tuberculosis and Health Association, Portland, to be used for the non-medical needs of patients in the University State Tuberculosis Hospital.
Neuberger Memorial Fund

Gift of $100 from Mr. and Mrs. James W. Goodsell, Portland, as a contribution to the Richard L. Neuberger Medical Education and Research Fund.

Alexander Memorial Fund

Gift of $100 from Mr. John Alexander, Portland, as a contribution to the Thelma S. Alexander Memorial Fund.

U. S. Public Health Service

Grants totaling $191,361 from the U. S. Public Health Service, for research, supplies, and training grants, as follows:

1. $500 - Supply grants in connection with special research fellowship for research project entitled, "Physiology and Pathogenicity of Streptococcus and Staphylococcus", December 12, 1960, through December 13, 1961, under the direction of Dr. Evelyn L. Oginsky, Associate Professor of Bacteriology.

2. $10,640 - "Effects of Ultraviolet Light on Human Skin", May 1, 1961, to April 30, 1962, under the direction of Dr. Farrington Daniels, Jr., Assistant Professor of Dermatology.

3. $76,547 - "Tissue Culture, Hemolysis and Metabolism in Leukemia", April 1, 1961, to March 31, 1962, under the direction of Dr. Edwin E. Osgood, Head of the Division of Experimental Medicine.

4. $18,929 - "Chemistry and Metabolism of Epinephrine", April 1, 1961, through March 31, 1962, under the direction of Dr. Jacob H. Fellman, Assistant Professor of Biochemistry.

5. $9,337 - "Western Regional Cooperative Cancer Chemotherapy Study", April 1 through December 31, 1961, under the direction of Dr. E. E. Osgood.

6. $8,717 - In continued support of research entitled, "Lymphatic Absorption and Transport of Dietary Lipids from the Intestine", May 1 through December 31, 1961, under the direction of Dr. Alfred J. Rampone, Assistant Professor of Physiology.

7. $35,782 - "Studies in Genetically-Determined Diseases of Myelin", May 1, 1961, through April 30, 1962, under the direction of Dr. James H. Austin, Assistant Professor of Neurology.

8. $5,909 - "Nurse-Doctor Communication in Care of Cancer Patients", April 1, 1961, through March 31, 1962, under the direction of Miss Shirley Thompson, Director of Nursing Service.

9. $25,000 - "Undergraduate Training Grant in Psychiatric Nursing", July 1, 1961, through June 30, 1962, under the direction of Miss Jean A. Boyle, Director of Nursing Education.

C. H. Watzek

Gift of sixteen shares of United States National Bank stock, valued at $1,120, from Mr. C. H. Watzek, Portland, to be added to research funds in the Department of Ophthalmology.
Oregon State University

Scholarships & Fellowships  Gifts totaling $32,751.68 from the following donors for scholarships and fellowships:

Elks Lodge No. 1371, Bend  $ 266.68
Elks Lodge No. 1845, Hermiston  250.00
National Merit Scholarship Corporation, Evanston, Illinois  300.00
Alcoa Aluminum Company of America, Vancouver, Wash.  1,000.00
American-Marietta Company, Seattle, Washington  500.00
Burns Parent-Teacher Association  100.00
Carl Bennett Scholarship through Mr. and Mrs. Carl Bennett, Philomath  500.00
Cascade Printing Company, Corvallis  100.00
Cole, Clark & Cunningham, Portland  800.00
Covert Scholarship Fund through Lloyd W. Covert, Meadowbrook, Pennsylvania  300.00
Criswell Scholarship Fund, through the U. S. National Bank, Portland  500.00
Dads' Club Scholarships through the Oregon State College Foundation  3,210.00
Evans Products Company, Coos Bay  2,250.00
Georgia-Pacific Foundation, Portland  1,000.00
Kappa Sigma Fraternity, Chicago, Illinois  100.00
Max D. Tucker Scholarships through the U. S. National Bank, Portland  1,000.00
Mortar Board Scholarships  540.00
Oberlin College, Oberlin, Ohio  525.00
Elks Lodge No. 1189, Oregon City  400.00
Oregon Congress of Parents & Teachers, Portland  2,610.00
Oregon State College Foundation  1,518.00
Otto Hermann Scholarship through Mrs. Otto H. Hermann, Portland  300.00
South Santiam Educational and Research Project through the Oregon State College Foundation  8,002.00
The United States National Bank, Portland  1,380.00
Western Electronic Manufacturers, Assn., Los Angeles, California  750.00
Campbell Soup Company, Camden, New Jersey  3,500.00
Heppner Parent-Teacher Association  150.00
Pilot Rock Lumber Company  800.00
Walter Hyatt Scholarship Fund  100.00

American Chemical Society  Grant of $8,270 from the American Chemical Society, Washington, D.C., in support of research entitled, "The Chemistry of Bridged Medium Ring Systems", April 1 through August 31, 1961, under the direction of Dr. Elliot N. Marvell, Associate Professor of Chemistry. Of this amount, $4,610 applies directly to the research and $3,660 is to provide the stipend for an American Chemical Society Fellow doing research on the project.

Carnegie Corporation of New York  Gift of $900 from the Carnegie Corporation of New York, New York City, representing a 50 per cent subsidy for the purchase of a 1,500-slide set of the arts of the United States from SANDAK, Inc.
Meeting #294-24

April 25, 1961

Gift of Servomechanism equipment for the Servomechanism Laboratory in Electrical Engineering, valued at $10,573.48, from the Helipot Division, Beckman Instruments, Inc., Fullerton, California.

Grants totaling $4,200 from the National Council for Stream Improvement, New York City, in support of research as follows:

1. $510 - "Cooperative Research on Aquatic Biology", January 1 through June 30, 1961, under the direction of Dr. James G. Knudsen, Assistant Dean of Engineering.


Grants totaling $50,460 from the National Science Foundation, Washington, D.C., for training institutes as follows:

1. $34,350 - To provide stipends and tuition and fees for graduate students for approximately fifteen months beginning June 1961 and ending August 1962 as follows: Cooperative Fellowships, $21,120; Graduate Support, Zoology, and Graduate Support, Mathematics, $1,530 each; Graduate Support, Animal Husbandry and Graduate Support, Forestry, $1,440 each; and Graduate Support, Chemistry, $7,290. These programs are under the direction of Dr. H. P. Hansen, Dean of the Graduate School.

2. $11,110 - "To support a Summer Science Training Program for Secondary School Students during the summer of 1961", under the direction of Dr. Robert E. Gaskell, Professor of Mathematics.

3. $5,000 - "To support the research and administrative costs, including participant stipends, for an undergraduate research program", June 12, 1960, through September 30, 1961, under the direction of Dr. Roy A. Young, Chairman of the Department of Botany.

Gift of $300 from the Oregon Feed and Seed Dealers Association, Portland, to provide student loans.

Grant of $13,256 from the U. S. Department of the Army, Quartermaster Corps, in support of research entitled, "Resistance of Microorganisms to Ionizing Radiation Applied to Food", January 1 through December 31, 1961, under the direction of Dr. Arthur W. Anderson, Associate Professor of Bacteriology.

Grant of $10,000 from the U. S. Department of the Interior, Fish and Wildlife Service, "to study natural rearing of spring chinook salmon in Happy Valley Reservoir near Simnasho, Oregon", February 1, 1961, through January 31, 1962, under the direction of Mr. Carl E. Bond, Professor of Fish and Game Management.
Grant of $5,897 from the U. S. Department of the Navy, to support a study entitled, "Electrode Reaction in Voltaic Cells for Application in High Energy Reserve Batteries", for approximately one year beginning March 1, 1961, under the direction of Dr. Robert E. Meredith, Assistant Professor of Chemical Engineering.

Grants totaling $29,689 from the U. S. Public Health Service in support of research as follows:

1. $581 - "Virustransmission by Aphids", April 1, 1961, through March 31, 1962, under the direction of Dr. K. G. Swenson, Professor of Entomology.

2. $2,036 - "Review of Soviet Literature in Radiobiology", for approximately three months beginning April 1, 1961, under the direction of Dr. Walter E. Stahl, Assistant Professor of Radiobiology.

3. $9,000 - "The Biochemical Role of Univalent Cations", April 1, 1961, through March 31, 1962, under the direction of Dr. H. J. Evans, Professor of Botany and Plant Pathology.

4. $15,838 - "Respiration and Phosphorylation in Insects and Plants", May 1, 1961, through April 30, 1962, under the direction of Dr. L. F. Remmert, Professor of Agricultural Chemistry.

5. $250 - "To support research costs in connection with research done by Mr. Louis T. Hargett, a U. S. Public Health Service Fellow in Entomology", October 1, 1960, through September 30, 1961, under the direction of Dr. Robert L. Goulding, Entomologist.

6. $1,984 - "Metabolite Analogues and Growth of Animal Viruses", for approximately three months beginning September 1, 1961, under the direction of Dr. K. S. Pilcher, Professor of Bacteriology.

Grants to the several Agricultural Experiment Station Departments Exp. Station from: Grants to Agric. and Divisions for research, from various donors as follows:

Agric. Engineering Research Foundation

$500 - "Testing of Wide-Span Rafters for Pole Frame Buildings", under the direction of Mr. L. W. Bonnicksen, Associate Professor of Agricultural Engineering.

Boyce Thompson Institute for Plant Research

$2,600 - "Pine Bark Beetle Fellowship", under the direction of Dr. J. A. Rudinsky, Associate Professor of Entomology.

Commercial Solvents Corporation

$400 - "Study on Effect of Zinc-Bacitracin in the Sow Ration and/or Creep Ration of Baby Pigs in Preventing Scouring in Pigs", under the direction of Dr. D. C. England, Associate Professor of Animal Husbandry.

Geigy Chemical Corporation

$5,000 - "Weed Control Project", under the direction of Dr. W. R. Furtick, Assistant Professor of Farm Crops.
<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamb-Weston, Inc.</td>
<td>$375</td>
<td>Development of Homemaker Recipes for Serving Dehydro-Frozen Potatoes, under the direction of Dr. Andrea Mackey, Professor of Home Economics.</td>
</tr>
<tr>
<td>Wu. Leman, Inc.</td>
<td>$500</td>
<td>Chemical Control of Vorticillium Wilt on Peppermint, under the direction of Dr. C. E. Horner, Professor of Plant Pathology.</td>
</tr>
<tr>
<td>National Council for Stream Improvement</td>
<td>$4,590</td>
<td>Eiobiology of Fishes and Shell Fishes with Particular Reference to Ecological Factors Affecting Biological Productivity in Oregon Bays and Estuaries, under the direction of Mr. W. P. Breese, Assistant Fishery Biologist, Assistant Professor.</td>
</tr>
<tr>
<td>National Turkey Federation</td>
<td>$250</td>
<td>Improving Year Round Egg Production in Turkeys, under the direction of Dr. James A. Harper, Professor of Poultry Husbandry.</td>
</tr>
<tr>
<td>North Pacific Canners &amp; Packers, Inc.</td>
<td>$100</td>
<td>Development of Homemaker Recipes for Serving Dehydro-Frozen Potatoes, under the direction of Dr. Andrea Mackey.</td>
</tr>
<tr>
<td>J. R. Simplot Company</td>
<td>$600</td>
<td>Phosphate Studies on Forage Crops in Western Oregon, under the direction of Dr. T. L. Jackson, Associate Professor of Soils.</td>
</tr>
<tr>
<td>Tennessee Valley Authority</td>
<td>$1,086.64</td>
<td>Economic and Agronomic Evaluation of Fertilizer Response Data of Alfalfa Grown on 'Aiken Soils' of the Willamette Valley, under the direction of Dr. Moyle E. Harward, Associate Soil Scientist and Associate Professor of Soils, and Dr. William E. Brown, Assistant Agricultural Economist and Assistant Professor of Agricultural Economics.</td>
</tr>
<tr>
<td>The Wasco County Weed Committee</td>
<td>$375</td>
<td>Weed Control Project, under the direction of Dr. W. R. Furtick.</td>
</tr>
<tr>
<td>U. S. D. A., Bureau of Land Management</td>
<td>$3,356.50</td>
<td>Research on Cinnamon Root Rot to Douglas Fir Forestry and Brush and Hardwood Control, under the direction of Dr. L. F. Roth, Professor of Botany, and Dr. G. H. Barnes, Professor of Forest Management.</td>
</tr>
<tr>
<td>Soil Conservation Service</td>
<td>$500</td>
<td>In support of forest tree research at the Seed Laboratory, under the direction of Dr. Te May Ching, Assistant Agronomist and Assistant Professor of Farm Crops.</td>
</tr>
<tr>
<td></td>
<td>$771.97</td>
<td>Superior Grasses and Legumes for Soil and Water Conservation and Forage, under the direction of Mr. T. A. Bown, Junior Agronomist with the Soil Conservation Service.</td>
</tr>
</tbody>
</table>
Portland State College

April 25, 1961

Scholarships & Fellowships

Gifts totaling $12,509 from the following donors for scholarships and fellowships:

- Portland City Club of Alpha Gamma Delta Sorority $150.00
- Elks Lodge No. 180, Astoria 250.00
- The Autism Foundation, Portland 300.00
- The Confederated Tribes, Warm Springs 270.00
- Crown Zellerbach Foundation, San Francisco, California 2,977.50
- Elizabeth Ducey, Portland 200.00
- The Electric Club of Oregon, Portland 100.00
- The Electrical Maintenance Engineer's Association of the Columbia Basin, Portland 250.00
- Franklin High School Association, Portland 1,100.00
- Gresham Junior Chamber of Commerce 150.00
- Gresham Union High School 200.00
- Hanna Ladies, Riddle 100.00
- Hilhi Parent-Teacher Association, Aloha 100.00
- S. W. Hills Kiwanis Club, Beaverton 150.00
- International Footprint Assoc., Inc., Portland 500.00
- Iron Fireman Manufacturing Company, Portland 270.00
- Junior Achievement of Portland, Inc. 200.00
- Kiwanis Club of North East Portland 100.00
- Madison High School Dads' Club, Portland 250.00
- Milwaukie High School Student Funds 117.00
- Pi Beta of Clackamas High School 150.00
- Milwaukie Lutheran Church 126.00
- Elks Lodge No. 1189, Oregon City 400.00
- Oregon City Senior High School Associated Student Body 150.00
- Oregon Coast Veneer, Brookings 400.00
- Oregon Pepsi-Cola Bottlers Scholarship Foundation, Seaside 200.00
- Portland Rose Festival Association 412.50
- Roosevelt High School Dads' Club, Portland 996.00
- Roosevelt High School Student Body, Portland 200.00
- Roseway Lions Club, Portland 100.00
- Roswell Area Council Parent-Teacher Association, Roswell, New Mexico 150.00
- The Royal Esquire Club, Portland 500.00
- Sherwood Union High School Moms' and Dads' Club 100.00
- Washington High School Associated Students, Portland 100.00
- U. S. National Bank, Portland 540.00
- Women's Society for Christian Service of the Methodist Church, Oregon Conference, Portland 250.00

Student Loan Funds

Gifts totaling $1,475 from the following donors to be added to the Student Loan Funds:

- Portland State College Cooperative Association $325.00
- Portland State College Mothers' Club 300.00
- Dads' Club of Portland State College 200.00
- Chap. B.M.P., E.O. Sisterhood, Portland 300.00
- East Side Rotary Women, Portland 350.00
Grant of $4,000 from The Charles A. Weyerhaeuser Memorial Foundation, through the First National Bank, St. Paul, Minnesota, to be used for the "financing of an historical and critical study of the literature in which man has embodied his dreams of a better society", under the direction of Dr. Judah Bierman, Associate Professor of English.

Gift of $100 from the Women's Advertising Club, Portland, to buy books on the field of advertising for the Portland State College Library.

Oregon College of Education

Gifts totaling $828 from the following donors for scholarships and fellowships:

- Washington County Oregon Education Association $150.00
- Tillamook Kiwanis Club $160.00
- Triangle Lake Parent-Teacher Association $100.00
- South Santiam Educational and Research Project through the Oregon State College Foundation $184.00
- OCE Dads' Club $234.00

Gift of $619.82 from the Oregon College of Education Dads' Club to provide matching funds for National Defense Education Act funds for student loans.

Gift of materials consisting of topographic maps, physical surveys, photographs, books, manuscripts, and economic research reports, valued at $6,000, from an anonymous donor. The materials are the basis for a publication of 600 pages dealing with the project on better teaching techniques using the regional approach to geography on a physical basis. The project will be supervised by Dr. Paul Griffin, Professor of Social Science.

Southern Oregon College

Gifts totaling $758 from the following donors for scholarships and fellowships:

- Zonta Club, Coos Bay $100.00
- Klamath Indian Educational Program, Chiloquin $402.00
- Britt Memorial Scholarship Fund through Mr. Frank Van Dyke, Trustee, Medford $100.00
- Rotary Club, Ashland $156.00

Gift of $500 from the Southern Oregon College Mothers' Club, Ashland, to establish the Margery Newton Loan Fund.
Eastern Oregon College

Scholarships & Fellowships
Gifts totaling $2,908 from the following donors for scholarships and fellowships:

Bank of Commerce, Milton-Freewater $150.00
Elks Lodge No. 338, Baker 936.00
Dr. and Mrs. V. A. Bolen, La Grande 256.00
Heppner High School 100.00
Joseph Parent-Teacher Association 100.00
La Grande Soroptimist Club 234.00
Mr. Rice R. McHaley, La Grande 100.00
Women's Benefit Association, La Grande 702.00
Wy'east Parent-Teacher Association, Hood River 174.00
Delta Kappa Gamma, Zeta Chapter, La Grande 156.00

EOC Alumni Association
Gift of $475 from the Eastern Oregon College Alumni Association La Grande, to provide matching money for National Defense Education Act funds.

Morrow County Division OEA
Gift of $100 from the Morrow County Division of the Oregon Education Association, Heppner, to provide matching money for National Defense Education Act funds.

Oregon Technical Institute

East Side Electric
Gift of $100 from East Side Electric, Klamath Falls, to be used for scholarships.

General Motors Corporation
Gift of equipment, valued at $200, from the Cadillac Motor Car Division, General Motors Corporation, Detroit, Michigan, for use in the training of technicians. The equipment consists of air-conditioning parts for 1960 Cadillac cars.

General Extension Division

U.S. Dept. of Health, Education & Welfare
Grants totaling $11,000 from the U. S. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for institutes as follows:

1. $4,000 - "Counseling and Guidance Training Institute", January 2 through October 2, 1961, under the direction of Dr. Daniel W. Fulmer, Director of the Portland Center.

2. $7,000 - "Counseling and Guidance Institute", January 2, 1961, through June 30, 1962, under the direction of Dr. Fulmer.

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

Henry F. Cabell, President
Earl M. Pallett, Secretary