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

September 13, 1960

MEETING #288-1  A regular meeting of the State Board of Higher Education was held in the Board of Control Room of the State Capitol Building, Salem, Oregon, on September 13, 1960.

ROLL CALL  The meeting was called to order at 2:15 P.M. by the President of the Board, Mr. Henry F. Cabell, and on roll call the following answered present:

Mr. J. W. Forrester, Jr.  Mr. Douglas McKean
Mr. A. S. Grant  Mr. Wm. E. Walsh
Mr. Allan Hart  Mr. Henry F. Cabell
Mrs. Cheryl S. MacNaughton

Absent: Mr. Chas. R. Holloway, Jr., and Dr. R. E. Purvine.

Others Present: Chancellor J. R. Richards; Secretary E. M. Pallett; President A. L. Strand of Oregon State College; Acting President W. C. Jones of the University of Oregon; President B. P. Miller of Portland State College; President R. E. Liesuallen of Oregon College of Education; President E. N. Stevenson of Southern Oregon College; President F. E. Bennett of Eastern Oregon College; Dean D. W. E. Baird of the University of Oregon Medical School; Director W. D. Purvine of Oregon Technical Institute; Dean J. W. Sherburne of the General Extension Division; Dean M. Popovich of Oregon State College; Mr. W. A. Zimmerman, Assistant to the Dean and Business Manager, University of Oregon Medical School; Mr. G. M. Robertson, Business Manager, Oregon State College; Mr. W. T. Lemman, Business Manager, Portland State College; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs, Southern Oregon College; Mr. W. E. Johnson, Director of Information, Oregon College of Education; Mr. D. R. Larson, Assistant to the Dean, General Extension Division; Comptroller H. A. Bork; Budget Director R. L. Collins; Mr. J. I. Runderup, Assistant to the Comptroller; Mr. Robert Bauck, Management Analyst, Department of Finance and Administration; Mr. Wolf D. von Otterstedt, Special Assistant Attorney General; Dr. Hester Turner, Director of Professional Services and Executive Secretary for Oregon Higher Education, Oregon Education Association.

RE ABSENCES  Both Mr. Holloway and Dr. Purvine were absent for business reasons.

MINUTES APPROVED  The Board voted to dispense with the reading of the minutes of the last regular meeting, held on July 26, 1960, and approved them as printed in the docket.
Mr. J. W. Forrester, Jr., Chairman of the Building Committee,
presented the following report:

"Yesterday, Oregon State College officials recommended the appoint-
ment of the firm of Burns, Bear, McNeil & Schneider, Architects,
Bloodworth and Haves, Associate Architects, to assist in planning
the development of dormitory facilities in the three-block area
south of Jefferson Street and east of the Armory. It was also
proposed that the architects be authorized to prepare at a later
date preliminary plans for the first units. The eventual plan is
to provide housing for at least 700 students in this section.
Initial construction, however, expected to start in 1963, will
accommodate approximately 300 students. It is estimated that the
cost of direct construction for 300 students will approximate
$1,000,000. The fee for planning the initial construction is to
be at the basic rate of 5.0 per cent of the direct construction
costs, including 1.0 per cent for preliminary plans; reimbursement
for mechanical and electrical engineering services is not to exceed
an additional 0.5 of 1.0 per cent. The fee for developing a general
scheme for the area is to be paid on an hourly basis at a maximum
cost of $3,000, with an appropriate offset to be made if the archi-
tects are later engaged to prepare plans beyond those for the
first unit. Funds required for the initial architectural services
are to be provided from dormitory balances.

"The Committee concurs in the indicated recommendations."

The Board adopted the report and authorized the recommendations
therein.

Mr. Forrester continued:

"In 1954, the Board established the campus boundaries of Portland
State College to include the seven-block area between the Park
blocks and Broadway from Southwest Market to Southwest Clifton
Streets. Subsequent expansion of academic courses at the College,
including added departmental majors, professional curricula and
limited graduate work to be added in the near future has changed
and increased space requirements. Also, the apparent unavailability
within the near future of the three southerly blocks of the campus
as originally planned makes essential the reconsideration of the
original scheme of physical growth.

"President Millar, with the concurrence of the Chancellor, indicated
yesterday that it would be advisable now to restudy and modify the
existing plan for the proposed plant development of Portland State
College. He recommended that a projection be made of the space
requirements for an increasing student body, giving effect to the
expected enrolment in various curricula and courses. He stated
that particular consideration should be given to the space needs
for natural science in lieu of the outmoded and inadequate space
in Old Main and to the need for physical education facilities."
"When a determination has been made of the total space requirements, a master plan is to be developed for the proposed location of added plant facilities either by additions to buildings now available or under construction, or in new locations. Consideration will be given to pertinent factors, such as values of land in the areas in the vicinity of the College, pedestrian and vehicular traffic problems, and community development. It is expected that planning for the academic and administrative space requirements for Portland State College and the General Extension Division operations in Portland will be chiefly in the area west of the Park blocks.

"President Millar, with the concurrence of the Chancellor, recommended that authorization be given to employ Architects Skidmore, Owings and Merrill for the following:

1. To develop a master plan for the expansion of the College, with services to be compensated for on an hourly basis at a total cost not to exceed $14,500.

2. To design the proposed Science Building, for which an appropriation of $2,340,000 is being requested of the 1961 legislature. Of the indicated amount, $1,500,000 represents the estimated cost of direct construction. The professional service fee would be 5.65 per cent for the direct building construction, including 1.30 per cent for preparing preliminary plans.

"It was also recommended that funds for the development of the master plan, to cost no more than $14,500, be provided from the Board's Unappropriated Funds, and that moneys required for preparing preliminary construction plans for the Science Building be provided from the $24,750 being advanced by the Housing and Home Finance Agency of the federal government.

"The Committee, with the concurrence of the Finance Committee, endorses the recommendations of the Chancellor."

The Board adopted the report and authorized the recommendations presented.

Mr. Forrester continued:

Appointment of Architect for Dormitory, OCE

"The proposed self-liquidating projects to be constructed during the 1961-1963 biennium include a dormitory for approximately 150 students at the Oregon College of Education. The estimated total cost of the project is $630,000, of which $495,000 represents the direct construction cost."
"President Lieuallen recommended the appointment of the firm of Burns, Bear, McNeil & Schneider, Architects, Bloodworth and Hawes, Associate Architects. The professional service fee is to be 5.0 per cent of the direct construction cost plus reimbursement for electrical and mechanical engineering services at no more than 0.5 of 1.0 per cent.

"President Lieuallen also recommended that authorization be given at this time to proceed with the preparation of preliminary plans estimated to cost $4,950 (1.0 per cent of the direct construction cost estimate), with the required funds to be provided from institutional dormitory balances.

"The Committee concurs in the recommendations of President Lieuallen."

The Board adopted the report and authorized the recommendations therein.

Mr. Forrester continued:

Acceptance of HHFA Advance Planning Funds for Humanities Building, UO

"The Housing and Home Finance Agency of the federal government has, pursuant to a Board request authorized at the July 1960 meeting, offered to advance $13,500 to defray the cost of preparing preliminary plans for a Humanities Building at the University of Oregon, Eugene, subject to the terms of an agreement, the form of which is shown in Supplement A of the docket.

"The Committee recommends that the Comptroller be authorized to execute the appropriate agreement with certification to be provided by the Secretary of the Board."

The Board adopted the report and authorized the Comptroller to execute the appropriate agreement with certification to be provided by the Secretary of the Board.

Mr. Forrester continued:

Report of Bids & Contract Awards for Married Student Housing, OSC

"Pursuant to authorization granted by the Board at the July 26, 1960, meeting, bids were received in Corvallis on September 8 for the first 68 units of the married student housing project proposed for construction on the campus of Oregon State College. The range of the bids was as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>5</td>
<td>$340,029</td>
<td>$431,695</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>6</td>
<td>$86,394</td>
<td>$113,329</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>6</td>
<td>$56,975</td>
<td>$71,693</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the lowest bids was within the cost allowance indicated to Architects Jeppsen and Miller, Board officials awarded construction contracts so that the work could be started immediately."
"In order that all utility services may be installed underground, Oregon State College officials, with the concurrence of the Chancellor, recommended that the total project budget be increased from the previously approved total of $612,000 to $630,000. The additional funds required would be provided from restricted fund balances available to the institution. The following budget was submitted for approval:

**Project Costs:**

**Direct Construction Costs**

- General Work - Wood, Johnson & Rose, Inc., and Clyde D. Rose, a Joint Venture, Corvallis $340,029
- Mechanical Work - Scott Plumbing Company, Lebanon 86,394
- Electrical Work - Mayer and Ross Electric, Inc., Corvallis 56,975

Total Direct Construction Costs $483,398

Architects' and engineering fees 24,688

Underground installation of utility services 33,500

Construction supervision, site work and miscellaneous other costs 41,000

Furnishings and equipment 24,000

Contingencies (approximately 5 per cent of direct construction cost) 23,414

Total Project Costs $630,000

**Sources of Funds:**

- General obligation bonds (Series 1959A) $410,000
- Institutional restricted fund balances (to the extent required) 220,000

Total $630,000

"The initial construction project will consist of 8 single-bedroom, 54 two-bedroom, and 6 three-bedroom apartments and two laundry buildings, all arranged in single- and double-story buildings located between Thirty-Third and Thirty-Fifth Streets and between Orchard and Jackson Streets, west of the main campus instructional areas. For the total gross area of 47,634 square feet, the direct construction costs average $10.15 per square foot. The average total investment for each of the 68 apartment units is $9,264.71.

"The Committee, with the concurrence of the Finance Committee, recommends the acceptance of the report with regard to the awarding of contracts and also recommends approval of the budget as outlined above."

The Board adopted the report as presented and confirmed the contract awards.
Mr. Forrester continued:

"Yesterday, the Chancellor reported on bids which were received on August 26 for the Medical Research Building, designed by Architects Burns, Bear, McNeil and Schneider of Portland. The range of bids was 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>6</td>
<td>$1,543,578</td>
<td>$1,615,200</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>5</td>
<td>524,796</td>
<td>647,351</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>8</td>
<td>199,490</td>
<td>238,825</td>
</tr>
</tbody>
</table>

"The sum of the three lowest bids, plus the amount proposed to be reserved for additional units of built-in laboratory fixtures, exceeded the budget allowance for direct construction costs by $21,758. A budget statement was distributed yesterday which is summarized as follows:

**Sources of Funds:**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Appropriation</td>
<td>$1,297,000</td>
</tr>
<tr>
<td>U. S. Public Health Service grants on matching basis:</td>
<td></td>
</tr>
<tr>
<td>Building and Built-in Equipment</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Movable Equipment</td>
<td>97,955</td>
</tr>
<tr>
<td>Restricted fund balances on hand</td>
<td>86,398</td>
</tr>
<tr>
<td>Restricted funds to be received from gifts and grants</td>
<td>62,766</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$2,744,119</strong></td>
</tr>
</tbody>
</table>

**Project Costs:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction Costs</td>
<td></td>
</tr>
<tr>
<td>General Work - Ross B. Hammond Co., Portland</td>
<td>$1,543,578</td>
</tr>
<tr>
<td>Mechanical Work - Urban Plumbing &amp; Heating Co., Portland</td>
<td>524,796</td>
</tr>
<tr>
<td>Subtotal</td>
<td><strong>$2,267,864</strong></td>
</tr>
<tr>
<td>Add - Estimated requirements for additional units of built-in laboratory fixtures</td>
<td>50,000</td>
</tr>
<tr>
<td><strong>Total Direct Construction Costs</strong></td>
<td><strong>$2,317,864</strong></td>
</tr>
<tr>
<td>Architects' and Engineers' fees (including foundation investigations)</td>
<td>135,736</td>
</tr>
<tr>
<td>Movable equipment</td>
<td>195,910</td>
</tr>
<tr>
<td>Construction supervision and physical plant costs</td>
<td>22,500</td>
</tr>
<tr>
<td>Construction contingencies (3.11 per cent of direct construction costs)</td>
<td>72,109</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$2,744,119</strong></td>
</tr>
</tbody>
</table>

"For the gross area of 117,611 square feet, the total direct construction costs of $2,317,864 averaged $19.71 per square foot.

"Dean Baird, with the concurrence of the Chancellor, recommended that the budget be approved and that appropriate Board officials be authorized to award contracts to the lowest bidders.

"The Building Committee, with the concurrence of the Finance Committee, recommends the adoption of the program as outlined by the Chancellor."

The Board adopted the report as presented and confirmed the contract awards.
Mr. Forrester continued:

"President Strand recommended the purchase at the option price of the Cutting property located within the Oregon State College campus boundaries at 1021 Jefferson Street, Corvallis, as part of the site needed for future dormitory construction. Three appraisals on the property were secured: $9,500, $7,200 and $7,000, with an average of $7,900. An option for $6,450 has been obtained.

"The Committee recommends the purchase of the property at the option price of $6,450 with funds to come from the Board's Land Purchase Reserve."

The Board authorized the property purchase as recommended.

Mr. Forrester continued:

"President Millar advised that an option had been secured to purchase the Karafotias property at 1855 Southwest Broadway, Portland, for $25,000. The property is within the campus boundaries of Portland State College, and immediately adjoins the Classroom Building-South that is now under construction. Appraisals secured by the College are in the amounts of $25,300 and $25,500, and average $25,250. The Chancellor recommended the purchase of the property from the funds made available by the 1959 legislature for the site acquisition and construction of the Classroom Building-South.

"The Committee, with the concurrence of the Finance Committee, endorses the recommendation of the Chancellor."

The Board authorized the property purchase as recommended.

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

"President Bennett recommended the purchase from the Board's Land Purchase Reserve of the Wyatt property located at the corner of "L" Avenue and Seventh Street, La Grande. The land is outside of the present campus boundaries but is within the projected future boundaries of the campus. The property consists of a vacant lot which is described as 'the east 50 feet of Lot 4, Block 48, Chaplin's Addition, City of La Grande'. Two appraisals on the property were secured: $1,250 and $1,200, for an average of $1,225. An option has been secured for $1,200.

"The Committee concurs in the recommendation of President Bennett to purchase the property at the option price from the Board's Land Purchase Reserve."

The Board authorized the property purchase as recommended.
Mr. Wm. E. Walsh, Chairman of the Finance Committee, presented the following report:

"At a meeting held on July 1, 1960, the Finance Committee, with other Board members present, considered a biennial budget plan which had been formulated by the Chancellor's Office in consultation with the executives of the institutions. Since that time the details of the budget requests have been completed in accordance with instructions issued to all state departments by the State Department of Finance. The detailed budgets are now ready for final consideration by the Board.

"The Chancellor reported that the institutional executives and the State System staff have held requests to a minimum consistent with needs and have avoided requests for substantial increases to present services, except for small amounts for increased general and exploratory research, and small amounts for added services in Federal Cooperative Extension and in the Experiment Stations. The Chancellor reported further, however, that it has been found necessary to request substantial increases in the budgets because of two principal facts:

1. At the time the biennial budget requests are considered by the 1961 legislature, campus enrolments will have increased from 12,921 in the fall of 1953 to 24,581 in the fall of 1960 if this fall's enrolment estimates are realized. This represents an increase in seven years of 11,930 students or 92 per cent. It is estimated that enrolments will increase further by 9 per cent during the coming biennium.

2. There are deficiencies in the present operating budgets of the institutions in numbers of teaching staff, numbers of service staff, teaching supplies and equipment, library resources, staff and facilities for basic research, and other areas.

"In his letter to all state departments regarding the biennial budgets, the Governor had stressed the need for holding requests for state appropriations during the next biennium to the lowest possible amounts consistent with a satisfactory quality of service. Although they recognized the need for the budget additions recommended by the institutional executives in the budget plan, the Board members and the Chancellor decided that the requests for state appropriations as originally presented should be reduced by approximately $1,000,000. The reductions made in the requests during the preparation of the detailed biennial budgets have aggregated $1,002,654 as follows:

**In Instruction and General Services:**

- Reduction in additions requested to teaching staff and service staff: $741,418
- Other reductions, principally in supplies and equipment: $28,027
- Total reductions, Instruction and General Services: $769,445
Meeting #288-9

In State-Wide Public Services:

Teaching Hospital and Outpatient Clinic,  
U of O Medical School  
$ 209,016

Agricultural Research and Extension, Oregon  
State College  
24,193

Total reductions by Board and Chancellor in  
original biennial budget requests from the  
institutions  
$1,002,654

"Biennial Request for Instruction and General Services"

"The proposed budget, after the reductions indicated above, calls  
for a biennial state appropriation for instruction and general  
services of $49,057,299. This compares with $42,719,220 appro-  
priated for the present biennium.

"The state fund budget is supplemented by estimated income from  
student fees and other non-state sources in the amount of  
$22,424,431, bringing the proposed annual expenditures from all  
funds for campus instruction and general services to $71,481,730  
during the biennium, or an average of $35,740,865 per year. The  
income from non-state sources represents 31 per cent of the total  
proposed budget. The proposed budget represents an increase of  
nine per cent over the present annual operating level. It should  
be kept in mind that the amount of the proposed budget covers all  
operating costs for the University, Oregon State College, Oregon  
College of Education, Southern Oregon College, Eastern Oregon  
College, Portland State College, and the state-wide general exten-  
sion program. Also included in the 1961-1963 biennial budget  
requests is Oregon Technical Institute, which was transferred by the  
1959 legislature from the State Board of Education to the State  
Board of Higher Education.

"Additions to teaching staff are requested in the aggregate numbers  
of 124 during the first year of the biennium and 47 during the  
second year to care for increased enrolments and to restore student-  
teacher ratios part of the way toward the 1954-55 levels. These  
additions, if obtained, will make possible the following composite  
student-teacher ratios, in comparison with preceding years, for all  
institutions (excluding the Medical and Dental Schools and Oregon  
Technical Institute):

<table>
<thead>
<tr>
<th>Year</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1954-55</td>
<td>15.3</td>
</tr>
<tr>
<td>1958-59</td>
<td>16.7</td>
</tr>
<tr>
<td>1959-60</td>
<td>16.0</td>
</tr>
<tr>
<td>1960-61</td>
<td>16.5</td>
</tr>
<tr>
<td>1961-62, requested</td>
<td>16.1</td>
</tr>
<tr>
<td>1962-63, requested</td>
<td>16.1</td>
</tr>
</tbody>
</table>

A recently published nation-wide study of 1,350 institutions,  
including universities, four-year colleges and junior colleges,  
showed that the average student-teacher ratio for the entire group  
in year 1958-59 was 13 to 1, compared to a present ratio of 16.5  
to 1 in the Oregon State System. In view of these facts the Com-  
mmittee feels that the requested student-teacher ratio of 16.1 to 1  
during the next biennium is reasonable.
"It has been necessary also to request small increases for added service staff to care for increased enrolments and also for teaching supplies and equipment for the same reason. Small increases have been requested also to cover price increases which have occurred during the past two years.

"The requests include also an increase of $100,000 per year in the fund for land purchases and rehabilitation of older buildings. This increase would raise the amount of the fund from $367,500 per year to $467,500 per year, to provide a fund of $935,000 for the next biennium. The institutional executives have presented requests greatly exceeding this amount for land purchases and plant rehabilitation. The use of this fund by the Board has made it possible to provide modern facilities at low cost through rehabilitation of older buildings and to acquire needed land for campus use when it is offered at reasonable prices.

"The Governor has requested that no salary adjustments for either the academic or the classified staff be included in the biennial budget requests at this time. The Governor, through the Department of Finance and Administration, has indicated that he will recommend separately a salary adjustment program for all state employees. The Finance Committee will study the academic staff salaries in the near future. It will then recommend to the Board a salary program to fit the needs of the institutions in the State System and to be presented by the Board to the Governor. The classified staff pay adjustments will be recommended on a state-wide basis by the State Civil Service Commission and the State Department of Finance.

"Biennial Requests for State-Wide Public Service Activities

"Specific state appropriations are provided each biennium for the Teaching Hospitals and Clinics and the Crippled Children's Division at the Medical School, and for Federal Cooperative Extension and Agricultural Research at Oregon State College. Also, the 1959 legislature added to these state-wide services to be administered by the Board, the University State Tuberculosis Hospital, which accordingly is included in the 1961-1963 biennial budget requests.

"In the Teaching Hospital and Clinics it has been necessary to request an increase in state appropriation to provide for continuing increases in hospital and clinic operating costs and also for increasing costs of new developments in medical care and procedures, including increases in open heart surgery cases.

"Because of recent success in prevention and treatment of tuberculosis, resulting in a reduced need for hospital space for tuberculosis patients, it is proposed that half of the space in the University State Tuberculosis Hospital, or 40 beds, be converted to general patient care to provide a greater variety of patients for teaching purposes and to meet a need for more hospital space for indigent patients.
"In the Federal Cooperative Extension Service, the proposed budget includes a request for restoration of services deleted from the budget during the current biennium in the amount of $87,500 per year, plus a request of $8,000 per year for needed service in fruit and vegetable processing, which has been supported temporarily during the current biennium by federal funds.

"In Agricultural Research, additions to service are requested in the amount of $98,976 per year to provide needed research in various areas of agricultural production, plant and animal diseases, soil problems, farm mechanization, forest production, water and watershed conservation and livestock and meat production. The request includes also an increase of $26,000 per year in the budget for agricultural research service buildings at the central experiment station and two of the branch stations.

"Summary Statement

"In summary, the following budget requests for biennium 1961-1963 are presented for approval by the Board:

<table>
<thead>
<tr>
<th>State Appropriations Requested for the Biennium</th>
<th>Estimated Income From Non-State Sources</th>
<th>% of Total Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction and General Services</td>
<td>$49,057,299</td>
<td>$22,424,431</td>
</tr>
<tr>
<td>Teaching Hospital and Clinics</td>
<td>5,531,591</td>
<td>1,286,800</td>
</tr>
<tr>
<td>University State Tuberculosis Hospital</td>
<td>1,176,435</td>
<td>(fees go to State's General Fund)</td>
</tr>
<tr>
<td>Crippled Children's Division</td>
<td>1,295,455</td>
<td>450,254</td>
</tr>
<tr>
<td>Dental Clinics</td>
<td>None</td>
<td>460,000</td>
</tr>
<tr>
<td>Federal Cooperative Extension</td>
<td>3,803,561</td>
<td>2,645,490</td>
</tr>
<tr>
<td>Agricultural Research</td>
<td>4,861,612</td>
<td>2,369,236</td>
</tr>
<tr>
<td>Totals for Biennium</td>
<td>$65,725,753</td>
<td>$29,636,211</td>
</tr>
</tbody>
</table>

"The Finance Committee, with other Board members present, considered all of the budget requests as reported by the Chancellor and concluded that they should be presented to the Governor and to the 1961 legislature, after reductions of $1,002,654 in the original requests as noted on pages 322 and 323 of these minutes. Accordingly, the Finance Committee recommends approval of the biennial budget requests as summarized in this report.
"The Committee wishes to accede to the request of the Department of Finance and Administration for an analysis which will show that portion of the budget recommendation required for continuation of present programs and standards in the next biennium and the costs of each of the proposed new programs or improved standards. The analysis should be in such form that it will be of assistance to the Governor and the legislature in arriving at policy decisions regarding the budget.

"Accordingly, the Chancellor's office is directed to work with the Department of Finance and Administration in the development of a statement which will reflect this analysis of the budget as recommended by the Finance Committee."

The Board adopted the report, approved the recommendations as presented, and authorized the submission of the 1961-1963 biennial budget requests to the Department of Finance, the Governor, and the 1961 legislature as outlined.

Mr. Walsh continued:

"At the July 1960 Board meeting, review was made of a proposed lease of three acres of land located west of the Mall on the Oregon State College campus by the federal government to construct a Forest Science Laboratory for which Congress has appropriated $350,000. Among other stipulations, the term of the lease was to be from January 1, 1961, through December 31, 2010, with an option to renew for 49 years. At the July meeting, the Finance Committee recommended that action on the lease be deferred pending an opportunity for further study and review.

"The Chancellor advised that Paragraph No. 8 of the proposed lease, which had been distributed to Board members in July, should be modified slightly to clarify provisions regarding the possible disposition of buildings to be constructed on the site by the federal government. The original draft of the paragraph included the following wording: '...; to dispose of the laboratory-office and such associated and related buildings and facilities in place in the event that use is discontinued by the Government and if value in place is greater than salvage value'. The paragraph has been revised to include the following wording: '...; to dispose of the buildings in place, in the event that use is discontinued by the Government, and if the buildings have a greater than a salvage value, provided that if disposition of the buildings is to a party or parties other than the lessor that the buildings be removed from the premises within a period of time acceptable to the lessor'.

"At the July meeting, the Committee was advised that in order to provide a steamline to the site from the end of the existing tunnel on Jefferson Street and to provide access to the site of the new building, a capital outlay investment of $100,000 would be required. Of said amount, $70,000 is being sought of the 1961 legislature. The remaining $30,000 is to be provided from the McDonald Fund with repayment of this amount with interest thereon to be made by the federal government as rent over a period of ten years."
"The Committee concurs in the recommendations of the Chancellor that the appropriate Board officials be authorized to enter into the lease, including the modifications referred to above, and also that at the appropriate time, moneys not to exceed $30,000 be made available from the McDonald Fund with repayment to be made as indicated."

The Board adopted the report and authorized the appropriate Board officials to execute the lease and related agreements as recommended.

Mr. Walsh continued:

"Report was made yesterday of the investments of various funds as of June 30, 1960. The total investments of benefit to the Board amount to $13,679,463, and, excluding investments administered by outside trustees, the total amounts to $12,484,701.

"Of the total investments, the amount of the Pooled Endowment Funds assets is $2,522,336. The interest earning rate thereon during the last year was 3.87 per cent. It is recommended that for the year 1960-61 participants of the Pool be paid interest at the rate of 3.6 per cent, the same as for 1959-60.

"The Committee concurs in the recommendations and also asked that the Secretary of the Board express appreciation for the helpful investment counsel service of Mr. W. P. Stainsaker and Mr. Arthur Cannon, Treasurer of the Standard Insurance Company."

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

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

"At the January 1934 meeting of the Board, the Chancellor was delegated authority to approve certain personnel and budget transfer items without confirmation of the Board. During the past twenty-six years the number of items requiring formal approval by the Board has increased many times. At the July 1960 Board meeting, it was suggested that the Administrative Code be modified to permit the Chancellor to approve additional routine personnel and budget transfer items without formal Board action. This would enable the Board to devote its time to the consideration of those items which represent policy decisions or which modify substantially the amount of the annual budgets approved by the Board.

"Yesterday, the Finance Committee, with other Board members present, considered the proposed modifications in the Administrative Code which would delegate additional authority to the Chancellor. The Committee, with the concurrence of other Board members, recommends that the section of the Code designated as F-3, Special Authority (of the Chancellor) be modified to read as follows:

F-3. Special Authority

A. The Chancellor is authorized to approve the following personnel and budget adjustments:
(1) All appointments, transfers, resignations, leaves of absence and redistributions of time and salary involving positions of the rank of professor or below (excepting deans and institutional executive officers) where such changes come within the budget authorization.

(2) Transfers between requisition and salary accounts within a department providing no changes in total budget authorization for any given departments are made.

(3) Budget transfers between departments or divisions of an institution provided such transfers do not increase the total budget authorization of the institution, and provided they are not used to create new positions or other recurring expenses.

(4) Budget additions to care for emergencies in staff requisition accounts, or repair and maintenance items from the emergency fund or from the Board's special reserves, providing they do not exceed $2,000, if these funds are not used to create new positions or other recurring expenses.

(5) A permanent record of all of the personnel adjustments and budget transfers approved by the Chancellor is to be maintained in the Board's Budget Office, so that information concerning them will be available at any time to Board members or to other state officials. Also, any changes in the amounts of the Board's emergency fund or Board's special reserves resulting from budget transfers approved by the Chancellor are to be included in the finance report from the Board's Budget Office presented to Board members at each regular meeting.

The Board adopted the report and authorized the revisions in the Administrative Code as recommended.

Mrs. Cheryl S. MacNaughton, Chairman of the Committee on Curricula, presented the following report:

"In accordance with Board action at the June 1960 meeting, President Millar presented a plan for the possible establishment of a program of social work at Portland State College. He proposed that in the event a Division of Social Service is to be established, it be headed by a chairman and be administratively integrated with the College's instructional program and organization. This Division, like others, would be under the immediate jurisdiction of the Dean of the Faculty. The Division would offer a two-year graduate program built on an integrated undergraduate program leading to the degree of master of arts or master of science in social work. The basic planning of the program was done in terms of enrolment of 40 students achieved by the second year of classes."
"Two alternate plans of development were presented: Plan A, the Chairman to go on duty January 1, 1961; first regular year of classes 1961-62. Plan B, Chairman to go on duty July 1, 1961; first year of regular classes 1962-63. Both Plans A and B call for beginning the program in 1960-61 through the offering by Portland State College of two 9-hour sequences in social service courses to be given in the late afternoon or evening, largely on a self-sustaining basis. Authority to give these courses has been requested of the Chancellor but has not been approved by him.

"Funds required to put into effect the two plans are as follows: Plan A would require net additional funds for 1960-61 of $9,124; for 1961-62, $96,179; for 1962-63, $93,752. Plan B would require net additional funds for 1960-61, none; for 1961-62, $71,027; for 1962-63, $75,909; for 1963-64, $71,152. Included in these totals are $35,000 to $40,000 for the purchase and renovation of a building to house the program and about $20,000 for additional library books. Except for the acquisition of books, these amounts correspond closely with the schedule proposed by the Chancellor and indicated by the Board at its June 1960 meeting. Both plans work up to the contemplated level of operation at the annual rate of about $80,000 for 40 students. The maintenance of operations on this basis is believed to be sufficient to achieve and maintain an accreditable program without taking any additional step specifically for this purpose.

"President Millar recommended that the report be given serious attention. He indicated that it would provide the basis for a program in social work at a cost which is as reasonable as may be expected and one which is within the competency of Portland State College to conduct. He indicated also that the program would enhance the offerings of the College in the fields fundamental to social work and in turn would be strongly supported by them. He indicated a preference for Plan B.

"In the discussion that followed, inquiries were made in regard to the time required to put the program into effect, the nature of the program, the extent to which the social agencies could cooperate, the problem of accreditation, and how the students would fit into the training program. At the conclusion of the discussion it was agreed that Plan B was preferable because it involved no serious financial commitments prior to possible legislative action with reference to the establishment of the school. In addition, it was agreed that present Board of Higher Education programs should be insured of adequate financing before new programs were recommended by the Board.

"The Chancellor stated that the Board had been requested by the legislature to develop a program, outline the procedure, and prepare an estimate of the cost of establishing a school of social work. He indicated also that this request had been supplemented by a request from the Legislative Fiscal Committee that the Board outline its position toward the establishment of such a school.

"The Committee recommends that Plan B as proposed by Portland State College be the preferred plan for the establishment of a school of social work and that the position of the Board in regard to the desirability of establishing such a school, as requested by the Legislative Fiscal Committee, be determined at a later date."

The Board adopted the report of the Committee with the understanding that the Chancellor at the next meeting of the Board would present his recommendation on the need for establishing a school of social work and the nature of the response which should be made to the Legislative Fiscal Committee. An answer to the Legislative Fiscal Committee's request should be deferred until the Chancellor's report has been considered.

Mrs. MacNaughton concluded the report of the Committee on Curricula with the following:

Basic Problems Facing the State System of Higher Education

"Enrolment in the institutions under the control of the Board is expected to double within the next ten years. This sharp increase in enrolment will bring many problems that must be solved during the next decade. Some of these problems are: Optimum use of the physical plant, optimum use of the calendar year, selection and retention of staff, housing and feeding of students. In order to anticipate some of these problems and provide tentative solutions when they become acute, the Chancellor suggested that the Board might wish to study one or more of the following items:

1. Admission policies. The institutions in the State System now follow a selective admissions plan that denies enrolment to Oregon high school graduates who have less than a C average, or the equivalent. Should future enrolment increases within the System be restrained by raising the requirements for admission?

2. Junior colleges. At present no widely developed system of junior or community colleges exists in Oregon. Should the present State System institutions be allowed to increase in size without control or should tentative enrolment ceilings be established and new institutions be recommended? These could be new four-year institutions or two-year junior colleges or a combination of both.

3. Three-semester or four-quarter years. At present the physical plant is used, for the most part, from September to June and is used to a small extent during the summer. Some State institutions are considering three-semester and four-quarter plans which tend to make possible better use of the educational facilities. Should consideration be given to spreading the enrolment to a greater extent over twelve instead of nine months?"
"As a result of a brief discussion of these and other topics, the Committee recommends that the Chancellor circularize to members of the Board significant articles dealing with higher educational trends throughout the United States, with special attention being given to the experience of other states in regard to selective admissions. The Committee recommends also that opportunity be given Board members to discuss at length some of the implications of these topics and their application to the State of Oregon. Meetings should be scheduled from time to time at which opportunity will be given for extended discussion of individual topics."

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

**President's Report**

President Cabell announced that the next meeting of the Board is scheduled for October 24 and 25 and will be held on the Oregon College of Education campus in Monmouth. Board members and institutional executives who wish help in obtaining accommodations should send their requests to President Lieuallen.

**Communications, Petitions & Memorials**

Secretary Pallett reported that the Board's Office had received a letter from President W. C. Jones and the University of Oregon faculty expressing their appreciation to the Board for passing a resolution against the disclaimer clause in the National Defense Education Act.

**Chancellor's Report**

The Chancellor announced that Oregon Technical Institute, not previously eligible for student loan funds from the federal government, has qualified since the last meeting. Oregon Technical Institute students will now be on the same basis as students from other institutions in securing loans under the National Defense Education Act.

**New Research Institutes**

At the time Docket Items 18, 20 and 21 were being considered, the Chancellor explained that the three research projects involved -- the Transportation Research and Water Resources Institutes at Oregon State College, and the Center for Research on Teaching at Oregon College of Education -- are a part of the expanded research program the State System institutions are initiating with the $185,000 "seed" money appropriated by the 1959 legislature. These funds were appropriated to the Board with the understanding that further development of the projects initiated would be effected by means of outside grants. With the transfer of funds for the establishment of the Water Resources Institute at Oregon State College and the Center for Research on Teaching at Oregon College of Education, all of the $185,000 available to the Board for research seed money in the 1959-1961 biennium has been allocated to the institutions. The Chancellor explained that because of the difficulty in obtaining within a limited period adequate personnel, particularly at the directorship level, a number of projects planned for the current biennium would not get under way, and there definitely will be balances in the research appropriation. Basic allocations, however, have permitted and encouraged the institutions to expand their areas of research.
Water Resources Institute, OSC

At the suggestion of the Chancellor, President Strand outlined the purposes of the two new research institutes at Oregon State College. Neither program represents the addition of new work, but coordinates facilities of the institution for research purposes. Under the Water Resources Institute, Oregon State College Engineering and Agricultural Experiment Stations will expand their water research activities which have been supported largely by the National Council for Stream Improvement. Because water has become a very significant national problem, funds from other organizations financing research are more readily available. The $11,500 of "seed" money requested from the Board's Office is to provide an executive secretary and a requisition budget for the project.

Transportation Research Institute, OSC

The proposed Transportation Research Institute will bring together the resources of the College for research on transportation of agricultural commodities, maintenance and operation problems in the trucking industry, traffic problems, and other problems related to the transportation industry.

Both institutes will focus attention of industry and others interested in contributing to research in these areas on the fact that the College has a capable organization ready to coordinate all of the resources of its various schools and departments on a given problem. At the present time, both institutes are centered in the Agricultural Experiment Station; the setting may change at a later date.

Center for Research on Teaching, OCE

President Lieuallen stated that the Center for Research on Teaching which is just being established on the Oregon College of Education campus may be considered an activity of the State Board of Higher Education even more than an activity of the College. He indicated that it is the hope that the Center will deal with a good many of the unanswered questions in the teaching and learning field and possibly ask some pertinent questions that have not been asked as yet. He introduced Dr. Jack Edling, who has been appointed as Director of the Center, and Dr. Bert Y. Kersh, who has been appointed as Associate Professor of Educational Research to work as the human factor analyst.

The Chancellor emphasized that this new focus on teaching-learning at Oregon College of Education would not in any way distract from work of the other institutions which are moving very rapidly in this area. Portland State College has just announced the receipt of a grant of over $70,000 to Dr. Beck for work in this field. The Chancellor ended his report by saying he was sure that the Oregon College of Education group will attract a great deal of outside support because of the teamwork research plan.
Item 1

President Strand recommended the purchase at the option price from the Board's Land Purchase Reserve of the Huber property located within the campus boundaries at 103 North Twenty-Seventh Street, Corvallis. The property consists of a lot 50 by 130 feet on which is located a six-room house in good condition and a two-room cabin. Three appraisals on the property were secured: $9,500, $10,000 and $10,750, for an average of $10,083. An option for $10,083 has been obtained. The property is located in the area needed as part of the site for the Family Living Center.

The Board authorized the property purchase as recommended.

Item 2

President Strand recommended the purchase of the Finster property located within the Oregon State College campus boundaries at 610 South Nineteenth Street, Corvallis. Three appraisals on the property were secured: $7,400, $7,500 and $8,500, for an average of $7,800. An option for $7,800 has been obtained. The property consists of a lot 50 by 100 feet on which is located an old eight-room house. The land is needed for expansion of parking facilities. Funds for the purchase are to be provided from parking rental income.

The Board authorized the property purchase as recommended.

Item 3

President Strand recommended the purchase of the Marrs property, located within the campus boundaries at 228 South Ninth Street, Corvallis, Oregon. The property is located in the Jefferson Street area which is needed for future dormitory construction. Three appraisals were secured: $9,600, $13,000, and $14,500, for an average of $12,367. An option for $12,260 has been obtained. Funds for the purchase of the property are to be provided as follows: $7,260 from the Board's Land Purchase Reserve and $5,000 from the endowment funds. The endowment funds are being provided pursuant to policies established by the Board on June 13, 1950, at an interest rate of 5 3/4 per cent per year.

Because of the spread between the low appraisal and the higher two, the Board's authorization of the recommended property purchase was conditional on the securing of an evaluation from the State Highway Commission's Chief Appraiser or a re-evaluation of appraisals already received. The property purchase is to be subject to the approval of the Finance Committee, based on additional appraisal data.

Item 4

President Stevenson has secured an option to purchase from Mr. and Mrs. J. J. Cady an unimproved lot at the southwest corner of Webster and Walker Streets, Ashland, for $2,100. The property is located within the established campus boundaries of Southern Oregon College. Two appraisals have been received, each for $2,300. The Chancellor recommended that authorization be given to purchase the property with the $2,100 to come from the Board's Land Purchase Reserve.

The Board authorized the property purchase as recommended.
Item 5

Authorization To Inspect & Accept Addition to Memorial Union Building & Dormitory No. 5 & Cafeteria, OSC

Arrangements have been made with the Chairman of the Building Committee to inspect Dormitory No. 5 and Cafeteria on the campus of Oregon State College at 10:00 A.M. followed by inspection of the additions to the Memorial Union Building at 11:00 A.M., Wednesday, September 14, 1960. It is recommended that in case a member of the Building Committee or other Board member is not able to be present at the inspection that the Comptroller or Secretary of the Board be authorized to inspect and accept the buildings with later reports to be made to the Board.

The Board authorized the inspection and acceptance as requested.

Item 6

Dormitory No. 5 Named OSWALD WEST HALL, OSC

President Strand recommended that Dormitory No. 5 at Oregon State College be designated officially as OSWALD WEST HALL in memory of one of Oregon's outstanding citizens. As Governor of Oregon from 1911 to 1915 and later while a lawyer in Portland, Oswald West sponsored a great deal of legislation in the interests of both the human and natural resources of the State. His ideas, particularly on social legislation, were considered bold and progressive. The State agencies he helped to create, such as the State Board of Control and the State Highway Commission, have become important segments in the government of Oregon.

In April of 1959, the Board authorized the transfer of the name of Buxton Hall from Dormitory No. 4 to Dormitory No. 5. President Strand recommended that the April 1959 action be rescinded and that Buxton Hall be retained as the designation for Dormitory No. 4 which has not yet been constructed.

Because of the possible precedent that would be set by using the name of a prominent state official for a dormitory rather than for a major academic building, the Board asked that further consideration be given to the recommendation at the October meeting.

Item 7

Authorization To Inspect & Accept Student Center, OCE

It is expected that the Student Center at Oregon College of Education, for which a budget of $875,000 was approved by the Board in June 1959, will be completed and ready for inspection and acceptance prior to the regular meeting of the Board in October. The Chancellor recommended that as soon as the structure is completed the Chairman of the Building Committee be notified so that arrangements for the inspection may be made. The Chancellor also recommended that if the chairman or other member of the committee is not able to be present the Comptroller or Secretary of the Board be authorized to inspect and accept the Student Center and present a report to the Board.

The Board authorized the inspection and acceptance as requested.

Item 8

Authorization To Inspect & Accept Westmoreland Village, UO

It is expected that the married student housing project at the University of Oregon, Westmoreland Village, for which a budget of $365,000 was approved by the Board in January 1960, will be completed and ready for inspection and acceptance prior to the regular meeting of the Board in October. The Chancellor recommended that as soon as the units are completed notification be given to the Chairman of the Building Committee so that arrangements can be made for the final inspection and acceptance of the project. The Chancellor also
recommended that if the Chairman or other member of the Committee is not able to be present the Comptroller or Secretary of the Board be authorized to inspect and accept the project and present a report at a later meeting of the Board.

The Board authorized the inspection and acceptance as requested.

Item 9
Authorization for Board's Office To Inspect and Accept Buildings

Present procedures make it necessary to secure advance approval from the Board for the formal inspection and acceptance of each major building or other construction project. Because of the frequency of such inspections in the extensive construction program of the Board, the Chancellor recommended that in the future whenever a major construction project is completed a date for the inspection be arranged with the Chairman of the Building Committee, that other members of the Committee and the Board be notified, and that if the Chairman or other members of the Board are not able to be present at the inspection, then the Comptroller or Secretary of the Board be authorized to inspect and accept the work and present a report to the Board.

The Board adopted the report as presented.

Item 10
Report of Inspection and Acceptance of Addition to Physical Plant Building, UOMS

As authorized by the Board at its July 1960 meeting, the Comptroller on July 26, 1960, inspected the Additions and Alterations to the Physical Plant Building at the University of Oregon Medical School, and accepted the project subject to the completion of a few minor items. The project costs were as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction - Contractors Incorporated, Portland</td>
<td>$170,324</td>
</tr>
<tr>
<td>Architects' and engineering fees</td>
<td>$9,368</td>
</tr>
<tr>
<td>Utility connection (underground electrical service)</td>
<td>$5,500</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>$8,332</td>
</tr>
<tr>
<td>Physical Plant Costs (construction supervision, moving costs, site improvements and miscellaneous expenses)</td>
<td>$6,476</td>
</tr>
<tr>
<td><strong>Total Project Costs</strong></td>
<td><strong>$200,000</strong></td>
</tr>
</tbody>
</table>

Construction funds in the amount of $200,000 were appropriated by the 1959 legislature. The project was designed by Architects Burns, Bear, McNeil & Schneider of Portland and construction began in October 1959. Generally, the new addition is two stories high, but a small sub-basement area has been constructed at the southeast corner. The following facilities have been provided: enlarged warehouse storage space, a carpentry shop, a paint shop, a metal and plumbing shop, enlarged areas for the Portland area centralized accounting and tabulating department of the Comptroller's Office, and various other service areas. Portions of the existing building have been reassigned for an electrical shop, instrument repair room, and offices for the campus duplicating department.

The new addition provides a gross area of 14,424 square feet, and also involves alterations to 8,250 square feet. The total area of the building as enlarged is 31,424 square feet.

The Board confirmed the action accepting the Physical Plant Building.
Pursuant to authorization granted by the Board at the July 1960 meeting, on September 1, 1960, the Comptroller inspected and accepted the work of construction contractors for the new dormitory at Southern Oregon College, subject to the completion of a few minor items. The structure is of reinforced concrete with the major portion thereof having three floors plus a basement. The total area is 29,019 square feet and the arrangement in the two wings will permit occupancy by either men or women students. The plans for the building were prepared by Architect Robert J. Keeney of Medford and construction began in July 1959. The project costs may be summarized as follows:

**Direct Construction:**
- General Work - Ausland Construction Co., Grants Pass: $257,074
- Mechanical Work - Stuart Mechanical, Inc., Medford: 69,327
- Electrical Work - Steeck Electric Company, Medford: 27,423

**Total Direct Construction Costs:** $393,798

**Architect’s and Engineering Fees:** $18,891
**Construction Supervision:** $3,250
**Landscaping and Miscellaneous Costs:** $10,427
**Equipment:** $23,634

**Total:** $450,000

Of the total budget, $380,000 was provided from a portion of the sale of the Series 1959 A bond issue and the remaining $70,000 was provided from restricted fund balances available to the institution.

The direct construction cost, including built-in furniture, averaged $13.57 per square foot. The investment per student is $3,600, based on a capacity of 125 students.

The Board confirmed the action accepting the Dormitory for Women.

**Item 12**

**Application for Advance Planning Funds for Physical Education Building, PSC**

Included as a supplement to the list of buildings to be requested of the 1961 legislature is a request for funds to provide a Physical Education Building at Portland State College. The total cost of this project, including land, is estimated to be $1,760,000. Of this amount, it is expected that $1,309,000 will be required for the direct construction costs. Inasmuch as it is desirable to have preliminary plans prepared for this project, the Board's office contacted the regional office of the Housing and Home Finance Agency and was advised that funds in the amount of $19,635, representing 1.5 percent of the estimated direct construction costs, might be obtained from the federal government for such planning. Reimbursement of the advance is to be made without interest when a state appropriation is obtained for the project.

President Millar, with the concurrence of the Chancellor, recommended the adoption of the following resolution in order to meet the requirements of the federal government:
RESOLUTION AUTHORIZING FILING OF APPLICATION WITH THE UNITED STATES OF AMERICA FOR AN ADVANCE TO PROVIDE FOR THE PLANNING OF A PHYSICAL EDUCATION BUILDING, PORTLAND STATE COLLEGE, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of Portland State College herein called the "Applicant," after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as a Physical Education Building, Portland State College, is desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and

WHEREAS, under the terms of Public Law 560, 83rd Congress, as amended, the United States of America has authorized the making of advances to public bodies to aid in financing the cost of engineering and architectural surveys, designs, plans, working drawings, specifications or other action preliminary to and in preparation for the construction of public works; and

WHEREAS, the Applicant has examined and duly considered such Act and the Applicant considers it to be in the public interest and to its benefit to file an application under said Act and to authorize other action in connection therewith;

NOW, THEREFORE, BE IT RESOLVED BY the Oregon State Board of Higher Education, the governing body of said Applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the Applicant, and to the end that such public works may be provided as promptly as practicable it is desirable that action taken preliminary to the construction thereof be undertaken immediately;

2. That H. A. Bork, Comptroller, be hereby authorized to file in behalf of the Applicant an application (in form required by the United States and in conformity with said Act) for an advance to be made by the United States to the Applicant to aid in defraying the cost of plan preparation for the above described public works, which shall consist generally of a Physical Education Building on the campus of Portland State College, Portland, Oregon. It is expected that the building will have a gross area of approximately 70,000 square feet, will be of reinforced concrete and steel fire-proof construction. The estimated total cost of the project is $1,760,000, including land;

3. That if such advance be made, the Applicant shall provide or make arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of the plan preparation of such public works;
4. The said H. A. Bork, Comptroller, is hereby authorized to furnish such information and take such action as may be necessary to enable the Applicant to qualify for the advance;

5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the Applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the applicant in connection with this application.

6. That certified copies of this resolution be included as part of the application for an advance to be submitted to the United States,

The Board authorized the request, and on motion by Director Hart and second by Director MacNaughton, the above resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Grant, Hart, MacNaughton, McKeen, Walsh, and Cabell.

Those voting no: None.

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

Item 13

Acceptance of
HHFA Advance
Planning Funds
for Science
Building, PSC

The Housing and Home Finance Agency of the federal government has, pursuant to a Board request authorized at the July 1960 meeting, offered to advance $24,750 to defray the cost of preparing site studies and preliminary plans for a Science Building at Portland State College, subject to the terms of an agreement the form of which is shown in Supplement A of the docket.

Item 14

Pursuant to Board action at the December 8, 1959, meeting, an application was filed with the Federal Communications Commission for television rights on Channel 10, Portland. At the June 14, 1960, meeting, the Board accepted a gift from Community Television, Inc., of the Healy Heights site, Portland, to be used for educational television broadcasting.

Bids were received on August 19, 1960, for the major items of equipment needed for the operation of Channel 10. Radio Corporation of America submitted the only bid for a used transmitter, used antenna, and auxiliary equipment in the amount of $51,204, and, in addition, for studio equipment for $59,362, a total of $110,566. Two bids were received for the microwave equipment to link the Channel 10 installation in Portland with Channel 7 facilities in Corvallis; the low bid was $44,394 from Motorola Communications and Electronics, Inc. On August 26, 1960, two bids were received for the strengthening and modifying of the existing radio tower at Healy Heights; the low was $7,200 by Valley Construction Company of Portland. The total of the indicated three low bids is $162,160.
Architects Burns, Bear, McNeil & Schneider, Bloodworth and Hawes, Associate Architects, of Portland, designed an addition to the existing building on Healy Heights to provide temporary studio facilities for Channel 10. The proposed one-story addition, approximately 25 feet by 31 feet, will contain 804 square feet and will be of concrete block walls with a wood frame roof. The existing building of 1,232 square feet is to be remodeled to include a control room, film projection room and equipment area. Bids for the building construction are to be received September 15, 1960. It is estimated that the total cost of the new construction and alterations, including fees and other costs, will be about $20,000.

Dean Sherburne, with the concurrence of the Chancellor, recommends that conditional upon a construction permit being granted by the Federal Communications Commission for activation of television Channel 10, that authorization be given the appropriate Board officials to contract for the equipment and tower work for $162,160, to be provided from the $200,000 appropriation made by the 1959 legislature. It is further recommended that conditional authorization also be given Board officials to contract for the building construction and remodeling, estimated to cost $20,000, with funds to be provided from the Board's Unrestricted Unappropriated Funds.

The Board authorized the recommendations as presented.

Item 15
Easement to California-Pacific Utilities Company, EOC

The California-Pacific Utilities Company requests a revocable easement, permitting the erection of power poles on the campus of Eastern Oregon College along "C" Avenue extended and between Eighth and Eleventh Streets extended for a consideration of $25. The Chancellor recommends that the Board's attorney and officials of the Board be authorized to prepare and execute an easement which shall include a provision that the Company shall agree to remove or relocate the poles if requested to do so by the Board.

The Board authorized the execution of the easement.

Item 16
Additional Funds for Milking Laboratory, OSC

President Strand recommends the budgeting of $21,120 in addition to an amount of $30,000 provided by Board action at the meeting of March 8, 1960, for the construction of a milking laboratory for the Department of Dairy and Animal Husbandry. It is recommended that the amount of $51,120 to cover the full cost of the project be provided as follows:

From the Experiment Station state appropriation for research service buildings as approved at the March 8, 1960, Board meeting $ 30,000

From unbudgeted balances in Experiment Station sales and service fees 17,520

From unbudgeted sales balances in the Dairy Farm Maintenance Department 3,600

$ 51,120

The Board approved the budget addition as recommended.
At the January 1957 and at the December 1958 Board meetings, resolutions were adopted authorizing certain officials of the various State System institutions to apply for surplus property handled by the State Surplus Property Section of the State Department of Finance and Administration. Modifications in the list of individuals are necessary from time to time, and the Chancellor recommended that the Secretary of the Board be authorized to make the necessary changes with the approval of the Chancellor.

The Board authorized the recommendation as presented.

The Chancellor, upon the request of President Strand and the Deans of the Schools of Engineering, Business and Technology, and Agriculture, has approved the establishment of a Transportation Research Institute on the Oregon State College campus. The Institute will be affiliated initially with the Agricultural Experiment Station, but it is planned to develop it into a college-wide program. Funds to carry out the activities of the Institute will be obtained principally from grants from industry. The objectives of the Institute are to develop new and improved transportation methods and materials; to determine the impact of changes in transportation costs; and to provide services to the transportation industry. These services for the most part will consist of research under contract and consulting work with carriers, shippers and public agencies.

The Board confirmed the action of the Chancellor approving establishment of a Transportation Research Institute on the Oregon State College campus.
Item 19
Dean Baird recommended that, effective with the Fall Term 1960, the
schedule of room charges at the student nurses' dormitory at the
Medical School be assessed on a per term basis rather than on the
present monthly basis. He recommended that the charges for multiple
occupancy be changed from $26 per month to $72 per term and that the
charge for single occupancy be revised to $108 per term, or one and
one-half times the multiple occupancy rate. It is expected that
these changes in rates will make no appreciable difference in the
income for the same occupancy. The Chancellor concurred in the recom-
mandation presented by Dean Baird.

The Board authorized the recommendation as presented.

Item 20
President Strand, with the approval of the Chancellor, recommended
the establishment of a Water Resources Research Institute at Oregon
State College under the administration of the Oregon Agricultural
Experiment Station with a 1960-61 annual budget of $11,500, to be
provided from the Board's Unappropriated Fund as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary of Executive Secretary</td>
<td>$8,000</td>
</tr>
<tr>
<td>Requisition budget for stenographic assistance,</td>
<td>$3,500</td>
</tr>
<tr>
<td>supplies, etc.</td>
<td></td>
</tr>
</tbody>
</table>

The objectives of the Water Resources Research Institute as developed
by President Strand and the directors and staffs in Agriculture and
Forestry are as follows:

1. To provide a means for appraising special needs for water
resources research.

2. To promote scientific endeavor where there are pressing
needs for water resources research.

3. To encourage and facilitate the entry of qualified scientists
into water resources research through their particular
disciplines.

4. To coordinate, integrate and facilitate the efforts of
scientists and organizations conducting water resources
research in connection with the Agricultural and Engineering
Experiment Stations of Oregon State College.

5. To provide visible evidence of the capacity of Oregon State
College to do outstanding water resources research in both
broad and specific areas, and to provide means of contact
between the scientists doing this research and organizations
supporting such research.

The Board authorized the establishment of the Water Resources
Research Institute as recommended.
Item 21
The Board approved the establishment of a department of research in teaching and learning at Oregon College of Education with a budget as follows:

Salary of Research Associate Professor at an annual rate of $9,676 for 12-months' service, appointment effective August 1, 1960
Wages for an assistant in research and part-time secretarial help
Materials and Expense
Travel
Equipment (office and research)
Total

$ 8,869.67
4,000.00
900.00
400.00
2,900.00
$17,069.67

The requested amount of $17,069.67 is to be provided as follows: $12,500 from the Board's Reserve for Exploratory Phase of Directed Research, and $4,569.67 from the Board's Unappropriated Fund.

Item 22
The Board approved the establishment of new county extension agent positions in Columbia, Jackson, Lane, Tillamook, Washington, and Yamhill counties at an annual salary rate of $5,664 for 12-months' service, with the required total salary funds of $33,984 to be provided $31,704 from additional federal Smith-Lever funds and $2,280 from the Director's Reserve.

Item 23
The Board approved the transfer of $1,000 from the Institutional Salary Savings Reserve of Oregon College of Education to the wage budget of Audio-Visual Aids for the purpose of providing assistance in connection with the operation of the new closed circuit television equipment. The funds will be used to employ a part-time student and to fill a Civil Service position approved by the Civil Service Commission.

Item 24
The Board approved the transfer of $3,000 from the Oregon State College Operating Reserve to the Radiation Safety Committee wage budget to provide additional clerical assistance for administration of the broad by-product isotope license granted Oregon State College by the Atomic Energy Commission. The broad license transfers the responsibility for the granting of individual licenses for procurement and use of radioisotopes to the committee. Because of the convenience of this procedure to research and instructional staff who use radioisotopes, it should stimulate activity in radiation research.

Item 25
The Board approved the appropriation of $11,000 from the Board's Unappropriated Fund to the Experiment Station budget to be used for Emergency Pear Decline Research in Jackson County.
Item 26  The Board approved the transfer of $750 from the University of Oregon Dental School Institutional Operating Reserve to establish a new account, Biostatistics, (6-1335), to provide funds for materials and other expenses for studies to be performed under the direction of Dr. Kuo Hwa Lu, Associate Professor of Dentistry.

Item 27  The Board approved the transfer of $1,866.66 from the Oregon College of Education Salary Savings Reserve to be distributed equally between the Department of Visual Instruction and the Department of State-Wide Services, to reimburse these departments for the services of Mr. Milton Grassel for time devoted to teaching four sections of Audio-Visual Aids at Oregon College of Education.

Item 28  The Board approved the transfer of $5,549.50 from the University of Oregon Medical School Equipment Replacements to Public Affairs and Publications to cover the purchase of an offset duplicating machine to replace the one which has been in service for a number of years.

Item 29  The Board approved the transfer of $19,482 from unbudgeted balances in patient fees at the University of Oregon Medical School hospital to the Hospital Dietary budget, to care for increased costs as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages (for additional institutional</td>
<td>$11,282</td>
</tr>
<tr>
<td>workers and a part-time cook)</td>
<td></td>
</tr>
<tr>
<td>Materials and Expense</td>
<td>$8,200</td>
</tr>
<tr>
<td></td>
<td>$19,482</td>
</tr>
</tbody>
</table>

Item 30  The Board approved the transfer of $700 from the University of Oregon Dental School Operating Reserve to Dental Hygiene, for additional supplies needed in preparation for an anticipated increase in enrolment in this course.

Item 31  The Board approved the transfer of $3,200 from the University of Oregon Dental School Salary Savings Reserve to establish a new position as Instructor of Dental Hygiene, 80 per cent time at an annual salary of $3,840, effective September 1, 1960. The additional teaching services are required because of increase in enrolment in this course.
The Board approved the following personnel adjustments as submitted by the Institutional Executives concerned, the necessary funds being provided in the 1960-61 budgets:

**University of Oregon**

**Appointments to Budgeted Positions**

- **H. Kratz, Appointment**
  - Dr. Henry Kratz as Assistant Professor of Germanic Languages, yearly tenure, 10-months' service, at an annual salary rate of $7,000.

- **W. B. Purdom, Appointment**
  - Dr. William B. Purdom as Assistant Professor of Geology for the academic year 1960-61, at an annual salary rate of $6,000, for 10-months' service. Dr. Purdom will replace Dr. Staples who is on sabbatical leave. The $50 released by appointment at a lower-than-budgeted rate is to be transferred to the Reserve for Savings to Revert to State's General Fund.

- **G. F. Cox, Appointment**
  - Mr. George F. Cox as Assistant Professor of Voice and Director of Opera Workshop, yearly tenure, 10-months' service, at an annual salary rate of $7,500.

- **Miss H. R. Connor, Reappointment**
  - Reappointment of Miss Helen R. Connor as Assistant Professor of Physical Education for the academic year 1960-61, 10-months' service, at a salary rate of $5,600, to be provided from unallocated funds in the Division.

- **V. P. Morris, Change in Date of Return from Korea**
  - Change in termination date of Korean service for Dr. Victor P. Morris, Chief of Party and H. T. Miner Professor Emeritus of Business Administration, from July 31 to September 15, 1960. The additional $2,365 required in the ICA Korean Contract budget for the period August 1 through 15 is available in that account.

- **K. T. Metzler, Appointment**
  - Appointment to a new position of Mr. Kenneth T. Metzler as Assistant Director for Student Publications with rank of Instructor, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $5,750. Funds required are to be provided from an increase in estimated income in the Educational Activities and Student Union Fees account.

- **L. Marquis, Sabbatical Leave**
  - Sabbatical leave on half salary for the 1960-61 academic year for Dr. Lucian Marquis, Assistant Professor of Political Science, to accept a Fulbright fellowship as a lecturer in Political Science at the University of Exeter of England. Dr. Marquis plans to do research on comparative politics with special emphasis on British political institutions and behavior; in addition, he will gather comparable data in France, Germany and Italy.
Meeting #283-31

R. F. Bessey, Appointment

Appointment of Dr. Roy F. Bessey as Visiting Lecturer in Political Science, for the 1960-61 fall term only, at a salary of $3,800, to be provided as follows: $3,000 from the $3,066.33 provided for a part-time professorship and $800 from the $4,800 provided for an instructorship under the National Defense Education Act. The $66.33 released in Political Science instruction funds is to be transferred to the Reserve for Savings to Revert to the State's General Fund; the $4,000 remaining in the NDEA account is to be retained pending further personnel adjustments.

H. T. Easterday, Resignation

Resignation of Dr. Harry T. Easterday, Assistant Professor of Physics, effective June 30, 1960, for personal reasons; and

G. P. Mellor, Appointment

Appointment of Mr. George P. Mellor as Instructor of Physics, for one year only, 10-months' service, effective September 1, 1960, at an annual salary of $6,400. The $700 released by appointment at a lower-than-budgeted rank and salary is to be transferred to the Reserve for Savings to Revert to the State's General Fund.

J. M. Foskett, Redistribution of Time & Salary

Redistribution of time and salary for Dr. John M. Foskett, Professor of Sociology and Deputy Director of the Institute for Community Studies, effective September 1, 1960, as follows:

<table>
<thead>
<tr>
<th>From: Sociology Institute of Community Studies</th>
<th>.80</th>
<th>$8,720</th>
<th>.20</th>
<th>$2,180</th>
<th>$10,900</th>
</tr>
</thead>
<tbody>
<tr>
<td>To: Sociology National Defense Education Act Sociology Institute of Community Studies</td>
<td>.55</td>
<td>$5,995</td>
<td>.25</td>
<td>$2,725</td>
<td>.20</td>
</tr>
</tbody>
</table>

The funds required in NDEA Sociology are available in an unfilled professorship provided in the grant; and

J. T. Borhek, Appointment

Appointment of Mr. James T. Borhek as Teaching Fellow in Sociology, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $2,000 for 30 per cent time. The $725 released by appointment at lower-than-budgeted rank and rate is to be retained pending further personnel adjustments.

R. Bartel, Redistribution of Time & Salary

Redistribution of time and salary for Dr. Roland Bartel, Assistant Dean of the College of Liberal Arts and Associate Professor of English, effective September 1, 1960, as follows:

<table>
<thead>
<tr>
<th>From: Dean's Office English</th>
<th>.44</th>
<th>$4,615</th>
<th>.56</th>
<th>$5,769</th>
<th>$10,384</th>
</tr>
</thead>
<tbody>
<tr>
<td>To: Dean's Office English Advancement of Education grant</td>
<td>.35</td>
<td>$3,634</td>
<td>.15</td>
<td>$1,558</td>
<td>.50</td>
</tr>
</tbody>
</table>
Salary savings of $4,211 in the Department of English budget and $981 in the Dean's Office budget are to be retained pending further personnel adjustments.

L. R. Goldberg,
Appointment
Appointment to a budgeted position of Dr. Lewis R. Goldberg as Assistant Professor of Psychology, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary rate of $6,750; and

D. Peabody,
Appointment
Appointment of Dr. Dean Peabody as Assistant Professor of Psychology, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $6,250, to be provided $4,690 from unallocated salary funds in Psychology, $1,450 from the appointment of Dr. Goldberg at a lower-than-budgeted rate, and $110 to be transferred from the Dean's Office budget.

F. N. Frost,
Appointment
Appointment of Mr. Frank N. Frost as Associate Planner with rank of Assistant Professor, Bureau of Municipal Research and Service, yearly tenure, 12-months' service, effective July 5, 1960, at an annual salary of $7,375 to be paid from wages.

F. W. Anderson,
Increase in Salary
Increase in salary, effective September 1, 1960, for Dr. Frank W. Anderson, Assistant Professor of Mathematics, from $7,400 to $8,500. The $1,100 required is to be transferred from the Operating Reserve. Dr. Anderson has recently declined a position with an increase in rank and salary.

W. C. Landers,
Transfer; Increase in Salary
Transfer of Mr. William C. Landers, Activities Director of the Student Union, to Assistant to the Director of Public Services with rank of Instructor, yearly tenure, 12-months' service, effective August 1, 1960, at an increase in annual salary from $6,136 to $6,608. The $6,057.34 required in the President's Office budget for 1960-61 is available in unallocated salary balances resulting from the resignation of W. L. Thompson; the remaining balance of $2,508.49 is to be retained pending further personnel adjustments. The $5,624.67 released in the Educational Activities and Student Union Fees budget is to be held for the appointment of a replacement.

D. L. Hunter,
Increase in Salary
Increase in salary rate from $7,375 to $7,670, effective September 1, 1960, for Mr. Donald L. Hunter, Head of the Audio-Visual Department and Assistant Professor, University Library, without change in rank, tenure, or term of service. Mr. Hunter has received an offer from a Washington institution at a considerable increase in salary. The $245.83 required for the requested increase is to be provided from the University's Operating Reserve.

E. S. Hatzantonis,
Advance in Rank; Increase in Salary
Advance in rank, effective September 1, 1960, for Dr. Emmanuel S. Hatzantonis from Instructor to Assistant Professor in Romance Languages, with a corresponding increase in salary from $5,600 to $6,250, with added funds to be provided from the Operating Reserve. Dr. Hatzantonis has recently declined a position from another institution at a substantial increase in salary.

N. van Gulick,
Resignation
Resignation of Dr. Norman van Gulick, Assistant Professor of Chemistry, effective August 31, 1960, for personal reasons. Salary funds of $6,250 released are to be retained in Chemistry pending further personnel adjustments.
### September 13, 1960

**Meeting #288-33**

**E. Birney, Appointment**

Appointment of Dr. Earle Birney as Visiting Professor of English, for the spring term of 1961, at a salary of $4,000 for the term. The required funds are available in unallocated salary balances released by previous personnel adjustments.

**J. B. Haskins, Resignation**

Resignation before reporting for duty of Mr. Jack B. Haskins, Associate Professor of Journalism and Director of Communications Research. Salary funds of $9,000 provided in the 1960-61 budget are to be retained pending selection of a replacement appointment.

**Personnel Adjustments in Dept. of Mathematics**

Personnel actions in the Department of Mathematics as follows, effective September 1, 1960, to staff the newly established Statistical Laboratory and Computing Center; unless otherwise specified, funds required in the Center are provided in the budget:

#### Redistributions of Time and Salary

**F. C. Andrews, Redistribution of Time & Salary; Designation as Acting Director of Statistical Laboratory & Computing Center**

Dr. Fred C. Andrews, Associate Professor of Mathematics, from full time and $8,900 salary in Mathematics to 63 per cent time and $5,607 salary in Mathematics and 37 per cent time and $3,293 salary in the Statistical Laboratory and Computing Center. Of the $3,293 released in Mathematics, $2,314 is to be retained for substitute teaching assistance, and $979 is to be transferred to the Center to provide a portion of the salary for Dr. Andrews, who is to be designated as Acting Director of the Center.

**R. E. Odeh, Redistribution of Time & Salary; Increase in Salary**

Dr. Robert E. Odeh, Assistant Professor of Mathematics, from full time and $5,800 in Mathematics to 50 per cent time and $3,500 salary each in Mathematics and Statistical Laboratory and Computing Center, reflecting an increase in salary to $7,000. The additional $600 required in Mathematics is to be provided by a transfer from the Operating Reserve.

**D. R. Truax, Redistribution of Time & Salary**

Dr. Donald R. Truax, Assistant Professor of Mathematics, from full time and $7,600 salary in Mathematics to 89 per cent time and $6,764 in Mathematics and 11 per cent time and $836 in the Statistical Laboratory and Computing Center.

**A. T. Bharucha-Reid, Redistribution of Time & Salary**

Dr. A. T. Bharucha-Reid, Assistant Professor of Mathematics, from full time and $7,250 salary in Mathematics to 88 per cent time and $6,380 salary in Mathematics and 12 per cent time and $870 in the Statistical Laboratory and Computing Center.

#### Appointments in Mathematics

**J. Q. Denton, Appointment**

Mr. James Q. Denton as Teaching Fellow, yearly tenure, 10-months' service, at a salary of $1,000 for 17 per cent time.

**V. M. Sehgal, Appointment**

Mr. Varinda M. Sehgal as Graduate Assistant, yearly tenure, 10-months' service, at a salary of $850 for 16 per cent time.

**B. R. Gulati, Appointment**

Mr. Bodh R. Gulati as Graduate Assistant, yearly tenure, 10-months' service, at a salary of $850 for 16 per cent time.
Increases in Time and Salary for Mathematics Staff

D. J. Donahue,
Increase in Time and Salary

Mr. Donald J. Donahue, Teaching Fellow, from 30 per cent time and $1,800 salary to 40 per cent time and $2,400 salary.

A. J. Nadas,
Increase in Time & Salary

Mr. Arthur J. Nadas, Graduate Assistant, from 30 per cent time and $1,600 salary to 39 per cent time and $2,080 salary.

J. D. Stafney,
Increase in Time and Salary

Mr. James D. Stafney, Graduate Assistant, from 30 per cent time and $1,600 salary to 39 per cent time and $2,080 salary.

J. J. Sember,
Increase in Time and Salary

Mr. John J. Sember, Teaching Fellow, from 30 per cent time and $1,600 salary to 36 per cent time and $1,920 salary.

Balances of $634 in the Mathematics budget and $1,824 in the Statistical Laboratory and Computing Center budget are to be retained pending further recommendations.

University of Oregon Dental School

J. Minckler,
Resignation

Resignation of Dr. Jeff Minckler, Professor and Acting Head of the Department of Pathology, effective June 30, 1960, for personal reasons; and

R. O. Christensen,
Increase in Time and Salary

Increase in time and salary, effective July 1, 1960, for Dr. Raymond O. Christensen from 20 per cent time and $1,600 annual salary (from wage budget) to 50 per cent time and $6,000 salary, with an advance in rank from Associate in Pathology to Associate Professor and Acting Head of the Department of Pathology. The $6,000 required is available in the $6,250 released by the resignation of Dr. Minckler; the balance of $250 is to be transferred to the Salary Savings Reserve.

B. S. Savara,
Increase in Salary;
Sabbatical Leave

Increase in salary for Dr. Bhim S. Savara, Professor and Director of the Child Study Clinic, from $11,000 to $11,500, effective July 1, 1960. The increase was inadvertently omitted from the original budget. The $500 required is to be transferred from the Reserve for Salary Adjustments; and Sabbatical leave on full salary from September 18 to December 18, 1960, to set up in India a pilot study on dental-facial trends that are genetically influenced.

K. H. Lu,
Redistribution of Time & Salary

Redistribution of time and salary for Dr. Kuo Hwa Lu, Associate Professor, as follows:

<table>
<thead>
<tr>
<th>From:</th>
<th>To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Study Research</td>
<td>Child Study Research</td>
</tr>
<tr>
<td>U. S. Public Health Service grant</td>
<td>U. S. Public Health Service grant</td>
</tr>
<tr>
<td>.50</td>
<td>.50</td>
</tr>
<tr>
<td>$6,000</td>
<td>$6,500</td>
</tr>
<tr>
<td>5,000</td>
<td>4,500</td>
</tr>
<tr>
<td>$11,000</td>
<td>$11,000</td>
</tr>
</tbody>
</table>
Effective September 1, 1960

From:  Child Study Research  .50  $ 6,500
       U. S. Public Health Service  .50  4,500
       $11,000

To:  U. S. Public Health Service  .50  $ 4,500
       Dental School Research  .50  6,500
       $11,000

The $5,416.68 released in Child Study Research by the above
adjustments is to be retained pending further personnel adjust-
ments. A like amount required in Dental School Research, (General
Research), is to be transferred from the Salary Savings Reserve.

L. G. Terkla,
Redistribution of time and salary and designation as Assistant to
the Dean, effective August 1, 1960, for Dr. Louis G. Terkla,
Associate Professor of Dentistry, from full time and $11,768 in
Operative Dentistry to 50 per cent time and $5,884 salary each in
Operative Dentistry and in the Dean's Office. The $5,393.67
required in the Dean's Office budget is to be provided by the
transfer of $875.67 from the Salary Savings Reserve and $4,518 from
an unfilled professorship in Orthodontics. Funds released in
Operative Dentistry are to be retained pending further personnel
adjustments.

M. G. Swenson,
Dean Noyes reports the death on August 6, 1960, of Dr. Merrill G.
Swenson, Professor and Head of the Department of Prosthetic
Dentistry; and

G. B. Cross,
Increase in salary for Dr. G. Barton Cross, Instructor in the
Department of Prosthetic Dentistry, from $5,858.34 to $5,958.34,
effective August 1, 1960, to correct an oversight in the original
budget.

Salary funds of $13,893.07 released from the above personnel
adjustments are to be retained pending selection of a replacement
for Dr. Swenson.

J. P. Jerabek,
Appointment to a budgeted position of Dr. John P. Jerabek, as
Associate Professor of Oral Surgery, yearly tenure, 12-months'
service, effective September 16, 1960, at an annual salary of
$12,000. The $2,500 released by late appointment is to be
transferred to the Salary Savings Reserve.
University of Oregon Medical School

N. Kontaxis, Increase in Salary
Increase in salary for Dr. Nicholas Kontaxis, Research Assistant in Pediatrics, from $7,200 to $8,000, effective July 1, 1960, in recognition of the completion of his doctor's degree. The funds required are available in the research grants under which Dr. Kontaxis is employed.

I. J. Small, Increase in Time & Salary
Increase in time and salary for Dr. I. Joyce Small, Assistant Professor of Psychiatry, from 30 per cent time and $3,000 salary to 66 per cent time and $6,600 salary, effective August 1, 1960. The additional time is to be allocated to the Crippled Children's Division which will provide the $3,300 required for 1960-61 by a transfer from its Medical-Surgical-Dental Fee account to its Clinical Services.

J. R. Stevens, Increase in Salary
Increase in salary for Dr. Janice R. Stevens, Assistant Professor of Neurology, from $7,000 to $8,000 per year, effective September 1, 1960. Funds for the increase are provided in the U. S. Public Health Service grants under which Dr. Stevens is employed.

L. Jackson, Increase in Salary
Increase in salary for Mr. Lavelle Jackson, Research Assistant in Neurology, from $4,500 to $5,000 per year, effective September 1, 1960. The increase is in recognition of added responsibility due to experience; required funds are available in the U. S. Public Health Service grant under which Mr. Jackson is employed.

Miss M. E. O'Reilly, Increase in Salary
Increase in annual salary for Miss Mary Ellen O'Reilly, Research Assistant in the Congenital Heart Program, from $5,400 to $6,120, effective September 1, 1960, in recognition of increased responsibility due to experience. Funds for the increase are available in the research grant under which Miss O'Reilly is employed.

Miss D. Brophy, Increase in Salary
Increase in annual salary for Miss Doris Brophy, Research Associate in Dermatology, from $4,300 to $5,000, effective September 1, 1960. Funds for the increase are provided in the U. S. Public Health Service grant under which Miss Brophy is employed.

Oregon State College

E. J. Rocha, Appointment
Appointment to a new position of Mr. Ephraim Joseph Rocha as Assistant Basketball Coach with rank of Instructor, effective July 1, 1960, yearly tenure, 12-months' service, at a salary of $7,000, to be provided from an increase in estimated income in the Inter-collegiate Athletics budget.

L. N. McKown, Reappointment
Reappointment effective July 1, 1960, of Mr. L. Norman McKown as Director of the Warm Springs Indian Studies with rank of Associate Professor, yearly tenure, 12-months' service, at an annual salary of $11,100, to be provided from grant funds for the studies.

W. E. Sandine, Leave Without Pay
Leave without pay for Mr. W. E. Sandine, Assistant Bacteriologist with rank of Assistant Professor, effective July 1 through 31, 1960. Salary funds of $590 released are to be retained pending further personnel adjustments.
K. O. Roberts, 
Resignation  
Resignation of Mr. Kim Orval Roberts, Polk County Extension Agent with rank of Associate Professor, effective August 22, 1960, to accept another position at an increase in salary. The $7,594.26 released is to be retained pending further personnel adjustments.

H. L. Nettleton, 
Retirement  
Retirement of Mr. Harry L. Nettleton, Assistant Forest Supervisor with rank of Associate Professor, effective June 30, 1960. Salary funds of $1,343.70 each in McDoniel Forest Operations and Acair Tract Operations are to be transferred to wages in those accounts to provide substitute assistance.

R. W. Newburgh, 
Cancellation of Leave Without Pay; Increase in Salary  
Cancellation of leave without pay during 1960-61 and increase in salary from $9,000 to $9,500, effective October 1, 1960, for Dr. Robert W. Newburgh, Research Associate in Chemistry with rank of Associate Professor. Dr. Newburgh's entire salary, including the increase, is to be provided from American Cancer Society grant funds. During most of the coming year Dr. Newburgh will be at the University of Connecticut working in cooperation with the staff of that institution.

I. M. Hostetter, 
Retirement  
Retirement of Dr. I. M. Hostetter, Professor of Mathematics, effective June 30, 1960. Salary funds released are to be retained pending selection of a replacement.

J. H. Wales, 
Reappointment  
Reappointment of Mr. Joseph H. Wales, Associate Fisheries Biologist, with rank of Associate Professor, yearly tenure, 12-months' service, effective July 1, 1960, through June 30, 1961, at a salary of $8,614, to be provided from U. S. Public Health Service grant funds.

H. E. Clark, 
Change in Date of Return from Leave; Transfer  
Change in date of return from leave without pay from July 1 to August 1, 1960, and transfer from County Agent-at-Large to Union County Extension Agent with rank of Associate Professor. Of the $1,386 budgeted for Mr. Clark for July and August as County Agent-at-Large, $1,263 is to be transferred to the Reserve for Salary Savings and $123 to the Union County Extension budget. The balance of $7,500 required in the Union County budget is to be provided from unallocated salary balances in that account.

K. L. Chambers, 
Appointment  
Appointment to a budgeted position of Dr. Kenton L. Chambers as Curator of the Herbarium and Associate Professor of Botany, yearly tenure, 12-months' service, effective September 1, 1960, at an annual salary of $9,322. The $7,768.33 required for 1960-61 is to be provided as follows:

<table>
<thead>
<tr>
<th>Service</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Herbarium</td>
<td>$2,485.86</td>
</tr>
<tr>
<td>Botany Instruction</td>
<td>$3,107.33</td>
</tr>
<tr>
<td>Science Technology</td>
<td>$1,475.98</td>
</tr>
<tr>
<td>Agricultural Experiment Station—Botany and Plant Pathology</td>
<td>$699.16</td>
</tr>
<tr>
<td></td>
<td>$7,768.33</td>
</tr>
</tbody>
</table>

Salary savings from the above and related personnel changes are to be transferred as follows: $600 from salaries to wages in Herbarium $1,723.30 in Herbarium and $694.02 in Science Technology to Botany Instruction; the balance of $2,189.99 in Botany is to be held unallocated pending further personnel adjustments.
Meeting #288-38

September 13, 1960

Continuation of Courtesy Appointments

Continuation during 1960-61 of courtesy appointments for the following state and federal employees, office on the Oregon State College campus for the purpose of conducting research on a cooperative basis with the Agricultural Experiment Station:

H. J. Rayner

Dr. H. John Rayner, Fishery Biologist with rank of Professor, Department of Fish and Game Management.

H. Wagner

Mr. Harry Wagner, Junior Fishery Biologist with rank of Instructor, Department of Fish and Game Management.

C. G. Thompson

Dr. C. G. Thompson, Entomologist with rank of Professor, Department of Entomology.

G. M. Thomas

Mr. G. M. Thomas, Junior Entomologist with rank of Instructor, Department of Entomology.

C. T. Dyrness

Dr. C. T. Dyrness, Junior Soil Scientist with rank of Instructor, Department of Soils.

B. L. Whalley

Mr. Bob L. Whalley, Junior Irrigation Engineer with rank of Instructor, Irrigation Water Forecasting.

Termination of Courtesy Appointments

Termination of courtesy appointments for state and federal employees formerly engaged in research on a cooperative basis with the Agricultural Experiment Station:

M. Barton

Mr. Manes Barton, Assistant Water Forecaster with rank of Assistant Professor, transferred out of the state.

C. R. Stanton

Mr. C. R. Stanton, Research Agronomist with rank of Instructor, completion of research project.

M. Katz

Dr. Max Katz, Fishery Research Biologist, with rank of Associate Professor, transferred to new assignment.

R. A. Pendleton

Dr. R. A. Pendleton, previously on leave and not expected to return to campus.

J. R. Kienholz

Dr. J. R. Kienholz, Pathologist with rank of Professor, deceased.

J. B. O'Neil, Courtesy Appointment

Courtesy appointment of Mr. James Burton O'Neil as Visiting Associate Professor of Statistics, without pay, for the period January 2 through June 30, 1961. Mr. O'Neil is an Associate Professor in the Poultry Department of the University of Saskatchewan and wishes to observe the teaching and consulting methods in statistics at Oregon State College.
Redistribution of time and salary for Dr. W. K. Ferrell, Associate Professor of Forest Management, effective July 1, 1960, as follows:

From: Forest Research Division of the
      Agricultural Experiment Station .50 $ 5,369
      Forestry Instruction .50 5,369
      _______________________________
      $10,738

To:  Forest Research Division of the
      Agricultural Experiment Station .45 $ 4,869
      Forestry Instruction .50 5,369
      National Science Foundation grant .05 500
      _______________________________
      $10,738

The $500 released in the Forest Research Division is to be transferred from salaries to wages in that account.

Personnel adjustments for the following staff members in the Department of Agricultural Economics of the Agricultural Experiment Station, effective July 1, 1960, unless otherwise indicated:

C. V. Plath, Leave Without Pay

Leave without pay effective August 16, 1960, through August 31, 1961, for Dr. C. V. Plath, Associate Agricultural Economist with rank of Associate Professor, to accept a temporary position as technical officer with the Food and Agricultural Organization of the United Nations in Central America.

S. K. Christensen, Resignation

Resignation of Dr. S. K. Christensen, Associate Agricultural Economist with rank of Associate Professor, for personal reasons.

A. N. Halter, Appointment

Appointment effective August 1, 1960, of Dr. A. N. Halter as Associate Agricultural Economist, with rank of Associate Professor, yearly tenure, 12-months' service, at an annual salary of $8,965. The $8,217.92 required is to be provided as follows:

Agricultural Experiment Station .65 $ 5,341.65
Agricultural Economics Instruction .30 2,465.37
Agricultural Technical Advisory Service .05 410.90
______________________________
$ 8,217.92

Redistribution of time and salary for Dr. H. F. Hollands, Agricultural Economist and Professor of Agricultural Economics, as follows:

From: Agricultural Experiment Station .65 $ 6,987.50
      Agricultural Economics Instruction .30 3,225.00
      Agricultural Technical Advisory Service .05 537.50
      _______________________________
      $10,750.00

To:  Agricultural Experiment Station .45 $ 4,837.50
      Agricultural Economics Instruction .50 5,375.00
      Agricultural Technical Advisory Service .05 537.50
      _______________________________
      $10,750.00
Redistribution of time and salary for Dr. E. N. Castle, Agricultural Economist and Professor of Agricultural Economics, as follows:

From:
- Agricultural Experiment Station 0.69 $7,762.50
- Agricultural Economics Instruction 0.27 3,037.50
- Agricultural Technical Advisory Service 0.04 450.00
  **$11,250.00**

To:
- Agricultural Experiment Station 0.52 $5,850.00
- Agricultural Economics Instruction 0.40 4,500.00
- Agricultural Technical Advisory Service 0.08 900.00
  **$11,250.00**

Redistribution of time and salary for Dr. G. E. Blanch, Agricultural Economist and Professor of Agricultural Economics, as follows:

From:
- Agricultural Experiment Station 0.75 $9,000.00
- Agricultural Economics Instruction 0.25 3,000.00
  **$12,000.00**

To:
- Agricultural Experiment Station 0.64 $7,680.00
- Agricultural Economics Instruction 0.36 4,320.00
  **$12,000.00**

The $10,89 required in Agricultural Economics Instruction and the $4,41 required in Agricultural Technical Advisory Service as a result of the above adjustments are to be provided by a transfer from wages to salaries in those accounts. The unallocated balance of $19,013.57 remaining in the Agricultural Experiment Station budget is to be retained pending further personnel adjustments.

Redistribution of time and salary for the following staff members to conclude the Oregon State College-Kasetsart contract which has been extended to October 1, 1960:

Mr. W. T. Cooney, Associate Dean of the School of Agriculture with rank of Professor, from full time and $14,500 salary in the Dean's Office to:

- Dean's Office - Instruction 0.875 $12,687.50
- Kasetsart University, I.C.A. (50 F.T.E. July 1 through September 30, 1960) 0.125 1,812.50
  **$14,500.00**

Dr. Wilson H. Foote, Agronomist and Professor of Farm Crops, as follows:

From:
- Agricultural Experiment Station 0.60 $7,200
- Farm Crops Instruction 0.40 4,800
  **$12,000**

To:
- Dean's Office, Experiment Station 0.50 $6,000
- Agricultural Experiment Station 0.10 1,200
- Farm Crops Instruction 0.40 4,800
  **$12,000**
Dr. R. W. Henderson, Assistant Director and Professor, Agricultural Experiment Station, from full time and $14,000 salary with the Experiment Station to:

<table>
<thead>
<tr>
<th>Location</th>
<th>Percentage</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kasetsart University, I.C.A. (full-time</td>
<td>0.25</td>
<td>$3,500.00</td>
</tr>
<tr>
<td>July 1 through September 30, 1960</td>
<td>0.75</td>
<td>$10,500.00</td>
</tr>
</tbody>
</table>

October 1, 1960

From: Director's Office, Agricultural Experiment Station 0.75 $10,500.00

Kasetsart University, I.C.A. 0.25 $3,500.00

$14,000.00

To: Director's Office, Agricultural Experiment Station 0.64 $8,944.45

Kasetsart University, I.C.A. (full-time July 1 through September 30, 1960) 0.25 $3,500.00

Kasetsart Project Closing (full-time October 1 through November 11, 1960) 0.11 1,555.55

$14,000.00

Sabbatical leave at full salary for Dr. Henderson from November 11 through December 31, 1960, to observe agricultural research programs and facilities in Western Europe.

Dr. M. D. Dawson, Associate Professor of Soils, from full time and $9,322 salary in Soils Instruction, to the following:

<table>
<thead>
<tr>
<th>Location</th>
<th>Percentage</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kasetsart University, I.C.A. (full-time</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>July 1 through September 30, 1960</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>Kasetsart Project Closing (full-time</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>October 1 through December 31, 1960</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>Federal Cooperative Extension (full-time</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>January 1 through March 31, 1961</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>Soils Instruction (full-time April 1 through</td>
<td>0.25</td>
<td>$2,330.50</td>
</tr>
<tr>
<td>June 30, 1961)</td>
<td></td>
<td>$9,322.00</td>
</tr>
</tbody>
</table>

Sabbatical leave at full salary from November 24 through December 31, 1960, to study soil research and teaching in Australia and New Zealand, and review recent experimentation in Mineral Nutrition in those countries.

Of the $5,312.50 released in the Dean’s Office by the above adjustments, $1,812.50 is to be transferred to the Salary Savings Reserve and $3,500 retained for Dr. Foote’s salary. The balance of $2,500 required for Dr. Foote in the Dean’s Office is to be provided by a transfer from the wage account in that budget. The $6,000 released in the Agricultural Experiment Station Farm Crops Department is to be retained for a replacement appointment.
Transfer of Mr. Hugh J. Hickerson from Acting Chairman of Columbia County Extension Work to Yamhill County Extension Agent with rank of Assistant Professor, yearly tenure, 12-months' service, at an annual salary rate of $7,440, effective August 1, 1960. The $6,820 required in Yamhill County for the remainder of 1960-61 is to come from the $5,664 provided for a new position in Yamhill County (see Finance Item 22); plus a transfer of $536 from the Reserve for Salary Savings and $620 from the Columbia County Extension budget.

Transfer of Mr. John F. Neu from Washington County to Columbia County Extension Agent, effective August 1, 1960, with no change in rank, tenure, term of service or salary, to fill the new position established in Columbia County (see Finance Item 22). The $1,266 required for appointment at a higher-than-budgeted rate is to be transferred from the Salary Savings Reserve. The $6,930 released in the Washington County Extension budget is to be retained pending further personnel adjustments.

Personnel Adjustments for staff members of the Department of Dairy and Animal Husbandry of the Agricultural Extension Service as follows:

Dr. Fred F. McKenzie, Animal Husbandman and Professor of Animal Husbandry, effective August 31, 1960.

Dr. I. R. Jones, Professor of Dairy Husbandman, sabbatical leave on half salary during the 1960-61 academic year, to accept a Fulbright grant in Ireland as a Lecturer in Dairy Husbandry at University College, Cork, and to visit research centers and tour other parts of Europe.

Dr. Hugo Krueger, Professor and Animal Physiologist, leave without pay, effective July 1, 1960, through June 30, 1962, to accept an appointment as Professor of Zoology on the University of Wyoming project with the University of Kabul, Afghanistan.

Dr. Ralph Bogart, Animal Husbandman and Professor of Animal Husbandry, redistribution of time and salary, effective July 1, 1960, as follows:

From: Agricultural Experiment Station .40 $ 5,000
       Animal Husbandry Instruction .60 7,500
       $12,500

To: Agricultural Experiment Station .10 $ 1,250
       Animal Husbandry Instruction .90 11,250
       $12,250

Dr. Allen T. Ralston, appointment to a budgeted position as Assistant Animal Husbandman and Assistant Professor, yearly tenure, 12-months' service, effective July 1, 1960, at an annual salary of $8,260.
Meeting #288-43

The above and other related personnel adjustments require the following budget transfers: Dairy and Animal Husbandry Department, Agricultural Experiment Station, $481.60 from wages to salaries; Dairy and Animal Husbandry Instruction, $2,490.40 from salaries to wages; Dairy Farm Maintenance, $1,057.80 from wages to salaries. The $4,680 released in Zoology Instruction is to remain unallocated.

Redistribution of Time & Salary

Redistribution of time and salary, effective September 1, 1960, for the following staff members, to permit them to engage in research to be financed by transfers from unallocated funds in the Reserve for Directed Research:

L. E. Jones

Dr. Leo E. Jones, Associate Professor of Botany, 25 per cent time and $1,868.33 salary to Directed Research--Microculture.

R. E. Wilson

Mr. Robert E. Wilson, Instructor of Mechanical Engineering, 25 per cent time and $1,450 salary to Directed Research--Turbulence Intensity.

W. V. Burt

Dr. Wayne V. Burt, Professor and Chairman of Oceanography, 25 per cent time and $2,812.50 salary to Directed Research--Oceanography.

Instructional and research funds released by the above adjustments are to be held unallocated pending further adjustments.

F. Hagelstein, Transfer

Transfer of Mr. Fred Hagelstein from Baker County Extension Agent with rank of Assistant Professor to County Extension Agent on the Malheur Potato Project, effective September 1, 1960, without change in rank, tenure, or term of service. Mr. Hagelstein has been replacing the Baker County Agent who has returned from a leave of absence, and will replace the Malheur County Agent during his sabbatical leave.

W. G. Pearcy, Appointment

Appointment of Dr. William Gordon Pearcy as Research Associate with rank of Assistant Professor, Department of Oceanography, yearly tenure, 12-months' service, effective September 1, 1960, at an annual salary rate of $7,375, to be provided from contract research funds available from the Office of Naval Research.

W. B. Fulks, Appointment

Appointment to a budgeted position of Dr. Watson Bryan Fulks, Professor of Mathematics, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $10,500. The $240 required for appointment at a higher-than-budgeted rate is to be provided from unallocated funds in the Department.

Mrs. O.P. Ferrer, Cancellation of Appointment

Cancellation of appointment of Mrs. Olga Prjevalinsky Ferrer as Visiting Associate Professor of Modern Languages, to accept another position; and

Mrs. C. Sjogren, Appointment

Appointment to a budgeted position of Mrs. Christine Oertel Sjogren as Assistant Professor of Modern Languages, yearly tenure, 10-months service, effective September 1, 1960, at an annual salary of $3,125 for 50 per cent time; and
Mrs. G.A. Levine, Appointment of Mrs. Gloria Aledort Levine as Assistant Professor of Modern Languages, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $3,000 for 50 per cent time.

Salary funds of $1,775 released by the above actions are to be retained pending further personnel adjustments.

N. Vandehey, Continuation of Appointment Continuation of appointment for Mr. Norbert Vandehey as County Extension Agent in Linn County, during 1960-61, at his present salary rate of $7,200, to replace Mr. H. Joe Myers who will be transferred to another position when he returns from sabbatical leave. The $6,000 required for Mr. Vandehey is to be transferred from the Salary Savings Reserve.

J. Ross, Change in Date of Return from Leave Change in date of return from sabbatical leave on half pay for Mr. Jackson Ross, State Extension Agent with rank of Associate Professor, from September 1, 1960, to August 15, 1960. The $246.50 required for an earlier-than-budgeted return is to be provided by a transfer from the Director's Reserve to the County Agent Work salary budget.

R. L. Darcy, Resignation Resignation of Dr. Robert L. Darcy, Assistant Professor of Economics, effective September 1, 1960, to accept another teaching position. Salary funds of $6,250 released are to be retained pending replacement appointment.

Mrs. L. Christian, Resignation of Mrs. Lois Christian, Crook County Extension Agent with rank of Assistant Professor, effective August 31, 1960, to accept a high school teaching position. The $5,620 released is to be retained pending further personnel adjustments.

T. J. Albert, J. G. Fisher, Courtesy Appointments Courtesy appointments, effective August 31, 1960, as Instructor in the School of Forestry for Mr. Thomas J. Albert and Mr. James G. Fisher, employees of the Oregon Forest Research Center who are officed on the Oregon State College campus to conduct research on a cooperative basis with the School of Forestry.

R. Sterling, Change in Title Change in title for Mr. Robert Sterling from Special Extension Agent, Polk County Unit Approach, to Polk County Extension Agent with rank of Assistant Professor, effective July 1, 1960, at a salary rate of $8,160 to be transferred from the Polk County Unit Approach. The Special Extension Agent position in the Polk County Unit Approach has been discontinued; in addition the $1,500 in the requisitions budget in that account is to be transferred to the Director's Reserve.
Portland State College

J. R. Byrne,
Decrease in Time & Salary
Decrease in time and salary for Dr. J. Richard Byrne, Associate Professor of Mathematics from full time and $7,300 salary in Mathematics to 67 per cent time and $4,866.67 salary, effective September 1, 1960, to accept appointment as college consultant to the Mathematics Curriculum Development Committee of the Portland Public Schools. The $2,433.33 released is to be retained pending replacement appointments.

J. Bierman,
Decrease in Time & Salary
Decrease in time and salary for Dr. Judah Bierman, Associate Professor of English, effective September 1, 1960, as follows:

<table>
<thead>
<tr>
<th>From: Humanities Division, PSC</th>
<th>0.75</th>
<th>$5,700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Extension Center</td>
<td>0.25</td>
<td>$1,900</td>
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<tr>
<td>Total</td>
<td></td>
<td>$7,600</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To: Humanities Division, PSC</th>
<th>0.25</th>
<th>$1,900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Extension Center</td>
<td>0.25</td>
<td>$1,900</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$3,800</td>
</tr>
</tbody>
</table>

The $3,800 released in the Portland State College Humanities Division is to be retained pending replacement appointment.

A. Dehner,
Appointment
Appointment to a budgeted position of Dr. Albert Dehner as Professor of Business Administration, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $9,300. The $2,000 released by appointment at a lower-than-budgeted rate is to be retained in the Social Science Division pending further personnel adjustments.

C. Karr,
Appointment
Appointment effective September 1, 1960, of Dr. Chadwick Karr as Assistant Professor of Psychology, yearly tenure, 10-months' service, at an annual salary of $2,400 for 40 percent time, with funds to be provided from unallocated balances in the Social Science Division.

J. L. Wallen,
Leave Without Pay
Leave without pay for Dr. John L. Wallen, Associate Professor of Psychology, for the academic year 1960-61, to continue research. Dr. Wallen was budgeted for 25 percent time at a salary of $1,975, and this amount should be retained pending other personnel adjustments.

Oregon College of Education

F. S. Berg,
Appointment
Appointment to a new position of Mr. Frederick S. Berg as Assistant Professor of Education, yearly tenure, 10-months' service, at an annual salary of $6,750, effective September 1, 1960. Mr. Berg will teach the professional courses in a Cooperative Program of Teacher Education for Teachers of the Deaf, which is being financed by the Oregon State School for the Deaf.

L. T. Hanson,
Appointment
Appointment of Mr. Lloyd T. Hanson as Assistant Professor of Humanities, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $5,750. The $250 released by a lower-than-budgeted appointment is to be transferred to the Salary Savings Reserve.
Meeting #288-45

September 13, 1960

D. E. Toeves, Appointment
Appointment to a new position of Mr. Donald Eugene Toeves as Instructor and Assistant in Research, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $4,000. Funds required are to be provided by a transfer from wages to salaries in the following accounts: $3,000 from Teaching-Learning Research Center budget and $1,000 from a National Defense Education Act Audio-Visual Research grant.

Southern Oregon College

G. Matthews, Sabbatical Leave
Sabbatical leave on full salary for Mr. Glenn Matthews, Assistant Professor of Music, effective September 1 through December 31, 1960, to complete the work for his doctor's degree.

Mrs. R. Westra, Resignation
Resignation of Mrs. Roberta Westra, Assistant Professor of Education and Kindergarten Supervisor, effective June 30, 1960, to return to Michigan; and

Mrs. E. R. Lorenzen, Appointment
Appointment of Mrs. Eva Rosalie Lorenzen as Assistant Professor of Education and Kindergarten Supervisor, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary of $6,500. The $250 required for appointment at a higher-than-budgeted rate is to be transferred from the Salary Savings Reserve.

Mrs. G. Owen, Resignation
Resignation of Mrs. Gladys Owen, Associate Professor of Education and Supervising Teacher, effective August 31, 1960, to accept a position with the city school district; and

Mrs. G. Brinkworth, Appointment
Appointment of Mrs. Gwyneth Brinkworth as Assistant Professor of Education and Supervising Teacher for Lincoln School, yearly tenure, 10-months' service, effective September 1, 1960, at an annual salary rate of $5,466, of which $2,754 is to be budgeted to the College and the balance to the school district. Salary savings of $678 resulting from appointment at a lower-than-budgeted rate are to be transferred to the Salary Savings Reserve.

General Extension Division

Mrs. Maud M. Walker, Resignation
Resignation of Mrs. Maud M. Walker, Coordinator of Televised Instruction with rank of Assistant Professor, effective September 1, 1960, for personal reasons. Salary funds released are to be retained pending selection of a replacement.

D. W. Fullmer, Increase in Rank and Salary
Increase in rank and salary effective September 1, 1960, for Dr. Daniel W. Fullmer from Associate Professor at $10,738 to Professor of Psychology at $11,500, to be divided 59 per cent and $6,800 to Portland Extension Center and 41 per cent and $4,700 to National Defense Education Act. Funds for the increase are available in the Portland Extension Center salary balances. At the July Board meeting Dr. Fullmer was designated as Director of the Portland Extension Center and Summer Session. In addition to his new duties as Director, he will continue for the next two years to supervise the development of the NDEA Counseling and Guidance Institutes in Oregon.
D. Bryant, Leave of Absence Without Pay
Leave of absence without pay for Mr. Donald Bryant, Assistant Professor, State-Wide Services for the period October 1, 1960, through June 30, 1961, for graduate study at Stanford University; and

H. P. Hoyt, Appointment
Appointment of Mr. Harold Preston Hoyt as Regional Representative, Northwest area, State-Wide Services, with rank of Assistant Professor, yearly tenure, 10-months' service, at an annual salary rate of $7,080, effective September 1, 1960. Funds required for the over-lapping appointment are to be provided from funds released by the replacement appointment at a lower-than-budgeted rate.

Oregon Technical Institute

D. J. Hall, Resignation
Resignation of Mr. Donald J. Hall, Chairman, Highway Technology, with rank of Assistant Professor, effective July 21, 1960. Salary funds of $7,800 are to be retained pending selection of a replacement.
Item 33  
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 $13,486.51 from the following donors for scholarships and fellowships:

- TRICO "B" League of Coaches' and Principals' Association, Lowell  $ 100.00
- Alpha Gamma of Omega Nu Award, Woodland, California  100.00
- The Sears-Roebuck Foundation, Seattle, Washington  250.00
- Weyerhaeuser Company Foundation, Tacoma, Washington  2,000.00
- Associated Students of Lebanon Union High School  150.00
- Crown Zellerbach Foundation, San Francisco, California  2,350.00
- Junction City Parent-Teacher Association  270.00
- Musicians' Mutual Association, Eugene  120.00
- U. S. Steel Corporation, New York City  7,200.00
- Women's Architectural League of Oregon, Portland  625.73
- Firestone Tire and Rubber Company, Akron, Ohio  320.78

F. Brenne  Gift to the University of Oregon Library from Mr. Fred Brenne consisting of 1957 and 1958 city directories, valued at $370, for various Oregon, Washington and California cities.

Housing and Home Finance Agency  Grants totaling $130,770 to the Bureau of Municipal Research for Urban Renewal Projects in Portland, Grants Pass, Medford, Roseburg, Ashland, Independence and Monmouth, with funds to be provided from the following sources:

- Housing and Home Finance Agency  $ 65,385
- Matching funds received through the municipalities  $ 65,385
- Total  $ 130,770

National Science Foundation  Grants totaling $69,000 from the National Science Foundation, Washington, D.C., for research as follows:

1. $39,000 - "Natural Extensions of Banach Algebras", August 1, 1960, through July 31, 1962, under the direction of Dr. Paul Civin, Professor of Mathematics, and Dr. Bertram Yood, Associate Professor of Mathematics.

2. $30,000 - "Establishment of Computing Center (IBM 1620)", September 1, 1960, through August 31, 1961.

Office of Vocational Rehabilitation  Grant of $47,618 from the Office of Vocational Rehabilitation, Washington, D.C., to provide a "Teaching and Traineeship Grant-Rehabilitation Counseling", September 1, 1960, through August 31, 1961, under the direction of Dr. Phil H. Schoggen, Assistant Professor of Psychology.
Oregon Juvenile Court Judges' Association: Grant of $5,073.39 from the Oregon Juvenile Court Judges' Association, for a Juvenile Court Summer Workshop, July 1 through June 31, 1960, under the direction of Dr. Roy E. Buehler, Associate Professor of Psychology.

Oregon State Board of Education: Grant of $6,100 from the Oregon State Board of Education, Salem, in support of the Cooperative Speech and Hearing Center at the University of Oregon, July 1, 1960, through June 30, 1961, under the direction of Dr. Kenneth S. Wood, Professor of Speech.

State Highway Commission: Grant of $17,000 to the Bureau of Municipal Research for an "Over-all Transportation Study To Be Made in the Eugene-Springfield Area", July 1, 1960, through December 31, 1961, under the direction of Mr. Herman Kehrli, Director of the Bureau of Municipal Research. Funds are to be provided from the following sources:

- State Highway Commission: $10,000
- City of Eugene: $2,750
- City of Springfield: $1,250
- Lane County: $3,000
- Total: $17,000

Tektronix Foundation: Gift of a Type 502 Oscilloscope, valued at $975, and a cash grant of $2,680 from the Tektronix Foundation, Portland, for the establishment of a research-teaching laboratory in neurophysiology, under the direction of Dr. M. J. Cohen, Assistant Professor of Biology.

The California Oregon Power Company: Grant of $2,000 from The California Oregon Power Company, Medford, for an "archaeological survey and excavation on the Klamath River Project 2082", under the direction of Dr. L. S. Cressman, Head of the Department of Anthropology, effective June 1, 1960, through July 1, 1961.

The Ford Foundation: Grant of $100,000 from The Ford Foundation, New York City, July 1, 1960, through June 30, 1963, "for a program to strengthen American competence in overseas technical assistance", under the direction of Dr. Raymond F. Mikesell, Miner Professor of Economics, and Dr. Egbert S. Wengert, Head of the Department of Political Science.

U. S. Dept. of Health, Education & Welfare: Grants totaling $184,521 from the U. S. Department of Health, Education and Welfare, for research, fellowships, workshops, and other purposes as follows:


2. $117,500 - To provide National Defense Graduate Fellowship Programs, September 1, 1960, through August 31, 1961, in the following amounts: Education, $10,000; English, $12,500; Geology, $10,000; History, $22,500; Political Science, $20,000; Romance Languages, $22,500; Sociology, $20,000.
3. $13,500 - To provide for the 1960 Oregon Rehabilitation Workshop, July 22, 1960, through March 31, 1961, under the direction of Dr. Phil Schoggen, Assistant Professor of Psychology.

U. S. Public Health Service

Grants totaling $89,480 from the U. S. Public Health Service, effective September 1, 1960, through August 31, 1961, unless otherwise designated, for research as follows:

1. $19,095 - "The Relative Effectiveness of Speech Therapy Methods", under the direction of Dr. Kenneth S. Wood, Professor of Speech.

2. $11,388 - "Heart Malic Dehydrogenase Mechanism Studies", under the direction of Dr. Raymond G. Wolfe, Assistant Professor of Chemistry.

3. $15,139 - "An Investigation of the Calabash-Curare Alkaloids", under the direction of Dr. Virgil C. Boekelheide, Professor of Chemistry.

4. $12,562 - "Peripheral and Central Studies of Sensory Systems", December 1, 1960, through November 30, 1961, under the direction of Dr. Melvin J. Cohen, Assistant Professor of Biology.

5. $24,150 - "Physiological Genetics of Bacteria", under the direction of Dr. Aaron Novick, Head of the Institute of Molecular Biology.

6. $7,146 - "Parents as Reinforcing Agents", under the direction of Dr. Gerald R. Patterson, Assistant Professor of Psychology.

University of Oregon Dental School

Grant of $750 from the Oregon State Board of Dental Examiners, Portland, "to support a graduate dental student for a three-month period during the summer of 1960, while doing research".

U. S. Public Health Service

Grants totaling $26,406 from the U. S. Public Health Service for research and fellowships as follows:

1. $13,800 - To continue the study of the "Effects of Selenium Upon Rat Dentition", September 1, 1960, through August 31, 1961, under the direction of Dr. C. K. Claycomb, Head of the Biochemistry Department.

2. $9,286 - To continue the "Study of the Design of Dental Amalgam Restorations", September 1, 1960, through August 31, 1961, under the direction of Dr. David B. Mahler, Head of the Dental Materials Department.

3. $3,320 - To provide a post-sophomore research fellowship for a designated graduate dental student, July 1, 1960, through June 30, 1961.
University of Oregon Medical School

Scholarships & Fellowships

Gifts totaling $1,800 from the following donors for scholarships and fellowships:

- Women's Auxiliary of McKenzie Willamette Memorial Hospital, Springfield: $100.00
- Lederle Laboratories, Pearl River, New York: $1,200.00
- Tobacco Industry Research Committee: $500.00

American Cancer Society, Inc.

Grant of $25,000 from the American Cancer Society, Inc., New York City, to be used "for support of cancer research projects at the Medical School, particularly pilot projects and new projects which have had no previous grant support", September 1, 1960, through August 31, 1961, under the direction of Dr. John Brookhart, Chairman of the Department of Physiology and Chairman of the Institutional Research Committee.

Elk Lumber Company

Grants totaling $509.34 from the Elk Lumber Company, Medford, to be used for research as follows:

1. $238.36 - For cancer research under the direction of Dr. Edwin E. Osgood, Professor and Head of the Division of Experimental Medicine.

2. $270.98 - For research in the Crippled Children's Division under the direction of Dr. Richard L. Sleeter, Director of that division.

Friendly-Rosenthal Foundation, Inc.

Grant of $1,000 from the Friendly-Rosenthal Foundation, Inc., Portland, to be used for grants-in-aid for needy medical students. This gift has been made as a special honor to Mr. E. B. MacNaughton.

Neuberger Memorial Fund

Gift of $100 from Mr. and Mrs. John C. Beatty, Jr., Portland, to the Richard L. Neuberger Medical Education and Research Fund.

Oregon State Elks Association, Visual Aid Program

Gift of a Giant Magnet, valued at $885, from the Oregon State Elks Association, Visual Aid Program, for use in the Children's Eye Clinic; and

Grant of $6,890.71 in continued support of the Children's Eye Clinic--Program for Visually Handicapped Children, under the direction of Dr. Kenneth C. Swan, Professor and Chairman of the Department of Ophthalmology.

U. S. Public Health Service

Grants totaling $967,829 from the U. S. Public Health Service, effective September 1, 1960, through August 31, 1961, unless otherwise designated, to be used for research, training grants, and other purposes, as follows:

1. $2,556 - To extend a previous research grant under the direction of Dr. Daniel M. Bachman, Instructor in Medicine, from August 31 to December 31, 1960.

2. $25,000 - To provide an undergraduate clinical training grant, under the direction of Dr. Herbert E. Griswold, Head of the Division of Cardiovascular Renal Diseases.
3. $21,850 - "Mechanisms of Nerve Impulse Generation", under the direction of Dr. John M. Brookhart, Professor and Chairman of the Department of Physiology.

4. $7,187 - "Metabolism of 5-hydroxytryptophan and serotonin", under the direction of Dr. Evelyn L. Oginsky, Associate Professor of Bacteriology.

5. $17,749 - "Metachromatic Form of Diffuse Cerebral Sclerosis", under the direction of Dr. James Austin, Assistant Professor of Neurology.

6. $20,389 - "Central Neural Mechanisms of Hearing", under the direction of Dr. Joseph Matarazzo, Head of the Division of Medical Psychology.

7. $4,406 - "Cancer Clinical Traineeship Grants", July 1, 1960, through June 30, 1961, under the direction of Dr. Raymond D. Grondahl, Professor and Chairman of the Department of Clinical Pathology.

8. $67,165 - "Professional Nurse Traineeship Grant", under the direction of Miss Lucile Gregerson, Associate Professor of Nursing.

9. $16,946 - "Therapy of Cardiac Arrhythmias", under the direction of Dr. Elton L. McCawley, Professor of Pharmacology.

10. $41,369 - "A Study of Suspension Stability of Blood", under the direction of Dr. Roy L. Swank, Head of the Division of Neurology.

11. $8,475 - "Coronary Disease: Injection - Perfusion Study", under the direction of Dr. Nelson R. Niles, Associate Professor of Pathology.

12. $8,335 - "Effect of Low-fat Diet on Multiple Sclerosis", under the direction of Dr. Roy L. Swank.

13. $26,628 - "Anatomy and Physiology of the Auditory Cortex", under the direction of Dr. Archie Robert Tunturi, Associate Professor of Anatomy.

14. $10,465 - "Biodynamics of the Ballistocardiogram", under the direction of Dr. Herbert E. Griswold.

15. $93,075 - "Psycho-mimetic Drugs and Patterns of Auditory Cortex", under the direction of Dr. Archie R. Tunturi.

16. $51,347 - "Study of Wound Healing", August 1, 1960, through July 31, 1961, under the direction of Dr. J. Englebert Dunphy, Professor and Chairman of the Department of Surgery.
17. $402 - "Inter-rater Reliability of the Wittenborn Scales", under the direction of Dr. John C. Kangas, Assistant Professor of Medical Psychology.

18. $10,001 - "Utilization of Ketone Bodies by Rat Tissues", under the direction of Dr. Clarissa H. Beatty, Assistant Professor of Biochemistry.

19. $20,000 - "Applied Hemodynamics in Cardiovascular Radiology", under the direction of Dr. Charles T. Dotter, Professor and Chairman of the Department of Radiology.

20. $15,000 - "Atopic and Allergic Dermatitis", under the direction of Dr. Walter C. Lobitz, Jr., Professor and Head of the Division of Dermatology.

21. $11,425 - "Antibody Formation in the Mouse", under the direction of Dr. Arthur W. Frisch, Professor and Chairman of the Department of Bacteriology.

22. $5,212 - "Anatomy of Human Growth and Development", under the direction of Dr. Anthony A. Pearson, Professor and Chairman of the Department of Anatomy.

23. $19,901 - "Activity of Dorsal Root Ganglion Cells in Sprouting", under the direction of Dr. George M. Austin, Professor and Head of the Division of Neurosurgery.

24. $300,131 - "Collaborative Study of Cerebral Palsy", November 1, 1960, through October 31, 1961, under the direction of Dr. Richard L. Sleeter, Director of the Crippled Children's Division, and Dr. Audolf Engel, Associate Professor of Biochemistry.

25. $22,903 - "Mechanism of Oxygen Metabolism", under the direction of Dr. Howard S. Mason, Associate Professor of Biochemistry.

26. $19,849 - "Biochemistry of Muscle in Normal and Pathological States", under the direction of Dr. Ruth D. Peterson, Assistant Professor of Biochemistry.

27. $23,978 - "Physiology and Biochemistry of Primate Bones", under the direction of Dr. Donald E. Pickering, Professor of Pediatrics.

28. $21,390 - "Naturally Occurring Coitrogena", under the direction of Dr. Monte A. Greer, Associate Professor of Medicine and Head of the Division of Endocrinology.

Meeting #288-54

September 13, 1960

30. $8,855 - "Bioenergetics of Cardiac Muscle", October 1, 1960, through September 30, 1961, under the direction of Dr. Eugene Lentini, Instructor in Physiology.

31. $7,530 - "Studies on Bone Marrow Preservation and Growth", under the direction of Dr. J. Englebert Dunphy.

32. $28,429 - "Rhesus Monkey Fetal Skeletal Biochemistry and Growth", under the direction of Dr. Donald E. Pickering.

33. $8,998 - "Role of Thiol Acyls in Lipid Metabolism", under the direction of Dr. John T. Van Bruggen, Associate Professor of Biochemistry.

Oregon State College

Scholarships & Fellowships

Gifts totaling $31,136 from the following donors for scholarships and fellowships:

- E. I. du Pont De Nemours & Company, Wilmington, Delaware, $3,602.00
- Foundation for American Resource Management, San Francisco, California, 5,000.00
- Lion's Club of Oakland, 255.00
- Oregon State College Mothers' Club, Salem, 4,590.00
- Mrs. Edith Gibson, Corvallis, 2,072.00
- Ralston Purina Company, St. Louis, Missouri, 1,800.00
- Future Homemakers of America, Salem, 150.00
- Portland Chapter, The Associated General Contractors of America, Inc., 800.00
- Weyerhaeuser Company Foundation, Tacoma, Washington, 4,000.00
- Order of the Eastern Star, St. Helens, 490.00
- Delta Kappa Gamma Society, Grants Pass, 200.00
- Paper Industry Management Association, Portland, 222.00
- Collins Radio Company, Cedar Rapids, Iowa, 2,000.00
- The Rockefeller Foundation, New York City, 2,000.00
- Campbell Soup Company, Camden, New Jersey, 400.00
- Grand Guardian Council of Oregon International Order of Job's Daughters, 500.00
- Oregon State College Education Foundation, 770.00
- Elks Lodge No. 1663, Lebanon, 500.00
- Longview Fibre Company, 1,785.00

Alfred Sloan Foundation

Grant of $10,197.82 from the Alfred Sloan Foundation, New York City, September 16, 1960, through September 15, 1961, "to cover expenditures for fundamental research in Chemistry", under the direction of Dr. John L. Kice, Professor of Chemistry.

American Cancer Society; Oregon Division

Grant of $1,500 from the American Cancer Society, Oregon Division, Portland, effective July 1, 1960, through June 30, 1961, to provide special items needed in research entitled, "Re Enzymic Changes Occurring in Heart Muscle During Growth and Differentiation", under the direction of Dr. V. H. Chaldecil, Professor of Chemistry.
Meeting #288-55

American Heart Association
Grant of $16,500 from the American Heart Association, New York City, in support of research entitled, "Enzyme Patterns in Embryo and Adult Heart", effective July 1, 1960, through June 30, 1963, under the direction of Dr. R. W. Newburgh, Professor of Chemistry.

Atomic Energy Commission
Grants totaling $14,294 from the Atomic Energy Commission, Hanford Operations Office, Richland, Washington, effective June 1, 1960, through May 31, 1961, in support of research as follows:

1. $8,000 - "Relationship of Soil Properties to Chemical Reactions and Other Phenomena Involving Sulfur", under the direction of Dr. Moyle E. Harward, Associate Professor of Soils.

2. $6,294 - "Accelerated Evolution in the Alkali Bee, Nomia Melanderi, Through Irradiation", under the direction of Dr. W. P. Stephen, Assistant Professor of Entomology.

E. Bourbousson
Gift of 196 French books, valued at $125, from Dr. Edouard Bourbousson, Berkeley, California.

Muscular Dystrophy Associations of America, Inc.
Grant of $2,700 from the Muscular Dystrophy Associations of America, Inc., New York City, effective July 1, 1960, through June 30, 1961, to support research entitled "Electrocardiograms of Calves Afflicted with White Muscle (a Muscular Dystrophy of Cattle)", under the direction of Dr. Hugo Krueger, Professor of Dairy and Animal Husbandry.

National Council for Stream Improvement
Grants totaling $4,187.36 from the National Council for Stream Improvement, New York City, effective July 1 through December 31, 1960, for research as follows:

1. $3,677.36 - To continue sulfite waste research under the direction of Mr. James G. Knudsen, Assistant Dean of Engineering.

2. $510 - "Cooperative Research on Aquatic Biology", under the direction of Mr. James G. Knudsen.

National Science Foundation
Grants totaling $52,240 from the National Science Foundation, Washington, D.C., for research and other purposes as follows:

1. $3,000 - "To support the preparation for publication of a revised edition of A Manual of the Higher Plants of Oregon", effective June 14, 1960, for approximately one year, under the direction of Dr. Roy A. Young, Professor of Botany.

2. $19,200 - "Taxonomic Revisinal Studies of the Dipterous Family Asilidae", effective for approximately three years beginning June 14, 1960, under the direction of Dr. Charles H. Martin, Professor of Entomology.

3. $600 - A supplemental grant to support Summer Institute Participants, effective June 20 through August 20, 1960, under the direction of Dr. Stanley E. Williamson, Head of Science Education.

September 13, 1960
4. $2,715 - To support the administrative and research costs of an undergraduate research participation program in Marine Biology, effective August 1, 1960, through July 31, 1961, under the direction of Mr. Jon C. Cummings, Associate Professor of Geology.

5. $1,620 - To provide stipends for the program indicated above.

6. $705 - To support administrative and research costs and to provide stipends for an undergraduate research participation program in Chemical Engineering, September 1960 through June of 1961, under the direction of Dr. J. S. Walton, Professor of Chemical Engineering.

7. $770 - To support the administrative and research costs and to provide stipends for an undergraduate research participation program in Chemical Engineering, September 1, 1960, through June 1, 1961, under the direction of Dr. R. H. Moen, Assistant Professor of Chemical Engineering.

8. $730 - To support the administrative and research costs and to provide stipends for an undergraduate research participation program in Mechanical Engineering, September 15, 1960, through June 1, 1961, under the direction of Mr. James R. Welty, Instructor in Mechanical Engineering.

9. $22,900 - "Distribution of Ore on Metalliferous Veins", for approximately three years beginning August 4, 1960, under the direction of Dr. G. S. Koch, Jr., Assistant Professor of Geology.

Office of Naval Research
Grant of $20,000 from the Office of Naval Research, Washington, D.C., effective September 1, 1960, through August 31, 1961, to be used for the construction and outfitting of an oceanographic vessel and continuation of oceanographic studies, under the direction of Dr. Wayne V. Burt, Chairman, Oceanography.

U. S. Army Ordnance
Grant of $12,456 from the U. S. Army, Office of Ordnance Research, Durham, North Carolina, September 1, 1960, through August 31, 1961, in support of research entitled, "Nonlinear Integral Equations", under the direction of Dr. A. T. Lonsen, Professor of Mathematics.

Sigma Xi
Grant of $300 from Sigma Xi, New Haven, Connecticut, effective July 1, 1960, to July 1, 1961, in support of research entitled, "The Nature of the Migratory Group in the Jacobsen Rearrangement", under the direction of Dr. Elliot N. Marvelli, Associate Professor of Chemistry.

Sigma Xi
Grant of $2,770 from The Foundation for Instrumentation and Research, Inc., New York City, 1960-61, of which $1,770 is to provide a fellowship and $1,000 is to support the research activities in digital computer technology and automatic control, under the direction of Dr. Louis N. Stone, Head, Department of Electrical Engineering.
Grant of $15,000 from the U. S. Department of the Interior, Fish and Wildlife Service, effective July 1, 1960, through June 30, 1961, "to study the nutritional effects of oxidized marine oils", under the direction of Dr. J. E. Oldfield, Professor of Dairy and Animal Husbandry.

Grants totaling $4,312 from the U. S. Public Health Service, for research as follows:

1. $1,955 - "Synthesis of Quinoliziding Analogs of Alphaprodine", effective June 1, 1960, through May 31, 1961, under the direction of Dr. H. Wayne Schultz, Assistant Professor of Pharmacy.

2. $2,357 - To continue research entitled, "Review of Soviet Literature in Radiobiology", August 1, 1960, through July 31, 1961, under the direction of Dr. Walter E. Stahl, Assistant Professor of Radiobiology.

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

Agricultural Research Foundation

$304.22 - "Ecological Study of Steel Head Trout", "Effect of Logging on Anadromous Fishes", "Ecological Study of Black-Tailed Deer", under the direction of Mr. R. E. Dimick, Professor and Head of Fish and Game Management.

American Cyanamid Company

$1,000 - To support research on the effectiveness of new fungicides in controlling tree fruit diseases, under the direction of Dr. Norman D. Dobie, Associate Plant Pathologist.

Dairy Products Commission

$5,000 - "The Composition of Normal Cow's Milk", under the direction of Dr. G. A. Richardson, Professor in Food and Dairy Technology and Chemistry.

Foundation for American Resource Management

$3,800 - "Biology and Control of Insects Affecting Forest Trees and Wood Products", under the direction of Dr. J. A. Rudinsky, Associate Professor of Entomology.

Geigy Chemical Corporation

$5,000 - "The Chemistry, Mode of Action, Toxicity, and Factors Influencing the Effectiveness of Herbicides and Plant Growth Regulators", under the direction of Mr. Virgil H. Freed, Chemist and Professor.

Institut des Parcs Nationaux du Conge Belge

$1,599.84 - "Taxonomy, Biology and Economic Importance of Mites andTicks (Acarina)", under the direction of G. W. Krantz, Assistant Professor of Entomology.

Klenzade Products, Incorporated

$1,000 - "A Study of Dairy Sanitation Procedure", under the direction of Dr. P. R. Elliker, Professor of Bacteriology.

Filbert Control Board

$1,700 - A contribution to the Forecasting Program, under the direction of Dr. Lyle D. Calvin, Professor and Experiment Station Statistician.
Malting Barley Improvement Association

$3,230 - In continued support of the malting barley graduate assistantship, under the direction of Dr. W. H. Foote, Professor of Farm Crops.

$1,500 - "Developing Yellow Dwarf Resistant 2-Row Malting Barley Varieties", under the direction of Dr. W. B. Reymer, Assistant Professor, Botany and Plant Pathology.

Mink Farmers Research Foundation

$6,000 - "Feeding, Breeding and Management of Mink", under the direction of Dr. J. E. Oldfield, Professor of Dairy and Animal Husbandry.

National Council for Stream Improvement

$4,590 - "Bionomics 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 and Assistant Professor.

Northwest Canners & Freezers Association

$4,000.02 - "Research in Breeding of Bush and Pole Beans", under the direction of Dr. W. A. Frazier, Professor of Horticulture.

Oregon Fryer Commission

$700 - "Effect of a Promotional Campaign on the Demand for Oregon Broilers", under the direction of Dr. Harold F. Hollands, Professor of Agricultural Economics.

Southern Wasco Soil Conservation District

$300 - "Sagebrush Control Research Program in Wasco County", under the direction of Dr. William R. Furtick, Assistant Professor and Assistant Agronomist.

Tennessee Valley Authority

$141,47 - "Economic and Agronomic Evaluation of Fertilizer Response Data of Alfalfa Grown on 'Aiken Soils' of Willamette Valley", under the direction of Dr. Noyle E. Harward, Associate Soil Scientist and Associate Professor, and Dr. William Brown, Assistant Agricultural Economist and Assistant Professor.

U. S. Dept. of Interior; Bureau of Reclamation

$3,000.30 - "Increasing Efficiency of Utilization of Irrigation Water", under the direction of Mr. W. M. Stammers, Junior Irrigation Scientist.

U. S. Steel Corporation

$3,000 - "Residual Carryover of Applied Nitrogenous Fertilizers", under the direction of Dr. Charles M. Smith, Assistant Soil Scientist.

U.S.D.A., Agricultural Research Service

$2,000 - "Nature and Control of Ornithosis in Poultry Flocks", under the direction of Dr. E. M. Dickinson, Department Head and Professor of Veterinary Medicine.

$3,750 - "Investigations of Enation Virus of Peas and Development of Varieties or Breeding Stocks Resistant to the Virus", under the direction of Dr. J. R. Baggett, Assistant Horticulturist and Assistant Professor of Horticulture.

U.S.D.A., Animal Husbandry Research Division

$1,200 - "Improvement of Beef Cattle Through Application of Breeding Methods", under the direction of Dr. Ralph Bogart, Animal Husbandman and Professor of Animal Husbandry.
$1,150 - "Study of the Factors that Determine Susceptibility of Pears to Carbon Dioxide Injury", under the direction of Dr. Elmer Hansen, Horticulturist and Professor of Horticulture.

Portland State College

Scholarships & Fellowships
Gifts totaling $800 from the following donors for scholarships and fellowships:

- Grand Guardian Council Order of Job's Daughters, Medford $250.00
- Grand Chapter of Oregon, Order of the Eastern Star 350.00
- Zeta Sigma Omega Chapter, Alpha Kappa Alpha Sorority, Portland 200.00

Mrs. J. W. Cady
Gift to the library of a miscellaneous collection of books, chiefly literature and history, valued at $100, from Mrs. W. J. Cady, Portland.

National Science Foundation
Grants totaling $16,500 from the National Science Foundation, Washington, D.C., in support of research as follows:

1. $13,000 - "Brooke Famine Studies", June 11, 1960, through September 30, 1962, under the direction of Dr. Clarke Brooke, Jr., Associate Professor of Geography.

2. $3,500 - In support of research concerning Trematodes, August 1, 1960, to August 1, 1963, under the direction of Dr. Ralph W. Macy, Professor of Biology.

PSC Cooperative Association
Gift of $279.62 from the Portland State College Cooperative Association as a contribution to the Student Loan Funds.

Tektronix Foundation
Gift of equipment, valued at $1,520, from Tektronix, Inc., Portland, for instructional use and research by the Division of Science. The gift consisted of an oscilloscope and three preamplifiers.

U. S. Dept. of Health, Education & Welfare
Grants totaling $73,658 from the U. S. Department of Health, Education and Welfare, Office of Education, Washington, D.C., for research and other purposes as follows:

1. $8,340 - In support of the Middle East Studies Center, July 1, 1960, through June 30, 1961, under the direction of Dr. Fred Cox, Professor of History.

2. $65,318 - "Assessment of Some Newly Designed Educational Media for the Self-Teaching of Young Children in School and at Home", September 1, 1960, through August 31, 1961, under the direction of Dr. Lester F. Beck, Professor of Psychology.

U. S. Public Health Service
Grant of $6,980 from the U. S. Public Health Service in continuation of the research project entitled, "Studies of Psychological Similarity", February 1, 1960, through January 31, 1961, under the direction of Dr. John L. Wallen, Associate Professor of Psychology.
Oregon College of Education

Monroe Union High School  Gift of $100 from Monroe Union High School to provide a scholarship for a designated student.

Oregon Technical Institute

Klamath Falls Kiwanis Club  Gift of $100 from the Klamath Falls Kiwanis Club, to be used for student loans. The principal is to be returned in the event Oregon Technical Institute is removed from Klamath County.

Albert H. and Ruth McBride Powers  Gift of $200 from Albert H. and Ruth McBride Powers, Gaylord, Oregon to establish an annual scholarship of $200 to be designated as the "Winston Purvine Scholarship".

General Extension Division


ADJOURNMENT  The meeting adjourned at 3:50 P.M.

Henry F. Cabell, President

Earl M. Pallett, Secretary
SUPPLEMENT A

HOUSING AND HOME FINANCE AGENCY
COMMUNITY FACILITIES ADMINISTRATION

AGREEMENT FOR PUBLIC WORKS PLAN PREPARATION

Project No. __________

Contract No. __________

TO: Oregon State Board of Higher Education
   (Legal Corporate Name of Applicant)

   P. O. Box 5175, Eugene, Oregon
   (Address of Applicant)

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

for the proposed construction of (Name of building)

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

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

This ________________ day of ________________, 19__.

UNITED STATES OF AMERICA
Housing and Home Finance Administrator

By _________________________
   Director for Northwest Operations
PROGRAM OF ADVANCES FOR PUBLIC WORKS PLANNING

TERMS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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