STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD IN
ROOM 338, MICHAEL J. SMITH MEMORIAL CENTER, PORTLAND STATE UNIVERSITY
PORTLAND, OREGON

January 25, 1971

MEETING #392-1 A regular meeting of the State Board of Higher Education was held in Room 338, Michael J. Smith Memorial Center, Portland State University, Portland, Oregon.

ROLL CALL

The meeting was called to order at 9:00 A.M. Monday, January 25, 1971, by the President of the Board, Mr. George H. Layman, and on roll call the following answered present:

Mr. George H. Corey  Mr. Loran L. Stewart
Mr. Robert D. Holmes  Mr. John W. Snider
Mr. Philip A. Joss  Mr. George H. Layman
Mr. John D. Mosser

Absent: Mr. Chas. R. Holloway, Jr., was absent for business reasons; Mrs. Elizabeth H. Johnson was absent due to family illness.

OTHERS PRESENT

Centralized Activities--Chancellor R. E. Lieuallen; Secretary R. L. Collins; Mr. Freeman Holmer, Vice Chancellor for Administration; Mr. J. I. Underup, Vice Chancellor for Facilities Planning; Dr. Miles C. Romney, Vice Chancellor for Academic Affairs; Mr. D. R. Larson, Assistant Chancellor; Mr. H. A. Bork, Consultant; Mr. John L. Watson, Controller; Mr. Guy Lutz, Director, Office of Institutional Research; Dr. Carl G. Paetz, Director of Campus and Building Planning; Mr. Keith L. Jackson, Budget Director; Mr. Allen McKenzie, Contracting Officer and Assistant to Vice Chancellor for Administration; Mr. Richard Zita, Director of Publications; Mr. Raymond P. Underwood, Assistant Attorney General; Mr. Fred Segrest, Director, Management Audit Unit; Dr. George Diel, Director of Communications Development; Mr. Ralph Steetle, Director of Program Coordination, Division of Continuing Education; Mr. John Richardson, Assistant to the Chancellor; Mrs. Clarethel Kahananui, Assistant in Curriculum Planning; Mr. Wayne Sims, Assistant to Vice Chancellor for Academic Affairs.

Oregon State University--President R. W. MacVicar; Mr. M. Popovich, Dean of Administration; Dr. Gordon Gilkey, Dean of the School of Humanities and Social Science; Dr. John Frank Ligon, Jr., Curriculum Coordinator.

University of Oregon--President Robert D. Clark; Dr. Harry Alpert, Dean of Faculties; Mr. J. O. Lindstrom, Director of Fiscal Affairs; Dr. Ray Hawk, Dean of Administration.

University of Oregon Dental School--Dean L. G. Terkla.
University of Oregon Medical School—Dean C. N. Holman; Mr. W. A. Zimmerman, Associate Dean for Business Affairs; Mr. Joseph J. Adams, Assistant Dean; Mr. William A. Prentice, Director of Program Planning.

Portland State University—President Gregory B. Wolfe; Dr. Joseph C. Blumel, Vice President for Academic Affairs; Mr. J. Malcolm McNinn, Director of Facilities Planning and Operations.

Oregon College of Education—President L. W. Rice; Dr. Ronald L. Chatham, Assistant to the President.

Southern Oregon College—President James K. Sours; Mr. D. E. Lewis, Dean of Administration.

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

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

Others—Mrs. Maxine Warnath, Assistant Professor of Psychology at Oregon College of Education, representing the American Association of University Professors Federation; Mr. Richard Burk, Fiscal Analyst; Mr. Gilbert Polanski, Field Representative, Oregon State Employees Association; Mr. Norman Boice, Mr. Stan Amy, and Attorney Gerson Goldsmith, representing Portland Student Services, Inc., Portland; Mrs. Louise H. Weidlich, Chairman, Mothers for Children.

Student Representatives—Mr. Christopher Anukam, President, International Students, Oregon State University; Miss Carol Burgier, Housing for Foreign Students, Portland State University; Mr. Tak Shibata, foreign student from Southern Oregon College; Miss Janet Bennett, delegate from Oregon State University, and Mr. George D. Angelantonio, representative from the University of Oregon, to the Interinstitutional Union of Students of the Oregon State System of Higher Education; Mr. Steve Wiser and Miss Stephanie Larson, members of the Associated Students of the University of Oregon; Mr. John Wernsken, Portland State University student.

MINUTES APPROVED

The Board voted to dispense with the reading of the minutes of the last regular meeting of the Board held on December 8, 1970, and approved them as printed in the preliminary minutes previously issued.

Curricular Requests, OCE

(Considered by the Committee on Academic Affairs, Personnel, and Public Affairs, January 4, 1971.)

The complete statement of the Oregon College of Education requests and analyses of the requests by the Board’s Office of Academic Affairs are presented in the document, Oregon College of Education Curricular Requests for 1971-72, dated January 4, 1971. The document referred to is bound in a separate volume and is considered an integral part of these minutes.
Oregon College of Education requests authorization to revise its present Master of Science in Education program in childhood education which relates to working with children ages four through seven, so as to provide preparation for working with children from birth to age seven, and to change the name of the option to early childhood education.

Nature of Program

Early childhood has become increasingly recognized as a period of critical importance in the development of children, as evidenced by increasing emphasis on head start programs, incorporation of learning experiences in day care centers, and nursery and pre-kindergarten glasses for three- and four-year-olds. The revised program is designed to prepare three kinds of personnel for work in the early childhood area: teachers, nursery and day care center administrators, and research personnel.

The program will consist of 45 hours of graduate work in the following core areas:

- Professional Core - 9 hours
- Early Childhood Core - 21-24 hours
- Elective Core - 12-15 hours.

The student will choose one of the following elective options:

1. 12-15 hours in a subject area
2. 12-15 hours in preparation to work with a particular population group, such as the handicapped or culturally different
3. 12-15 hours planned to improve general knowledge and skills, for example, a program including a course in art, one in science, one in mathematics, and one in social science.

Two new courses, each offering two hours of credit, will be needed to inaugurate the program. All other course work is already offered by Oregon College of Education. One course required in the present program will be dropped.

Student Interest

The major purpose of the new program is to provide a more appropriate option for graduate students now coming to Oregon College of Education, not to attract additional graduate enrollments. Current enrollment in the childhood education master's program during the academic year is ten to fourteen full-time and part-time, with four to five students expected to graduate at the end of the spring or summer term 1971. Enrollment in the revised option during the first academic year (1971-72) is estimated at five to seven full-time students, although the figure could increase to ten to twelve if federal funding providing student stipends is awarded. It is expected that this will be an expanding area of interest and that the Oregon College of Education program will develop a full-time enrollment of 15-30 by 1975-76, but this kind of development is not essential to the operation of the program.
The University of Oregon, Oregon State University, and Portland State University all have some graduate level interest in early childhood education, and Oregon State University offers an undergraduate option in nursery school teaching and graduate courses in preschool education and early childhood through the department of family life of the school of home economics.

Resources To Offer Program

Resources to offer the revised program would be those supporting the present program. The five staff members presently involved with the childhood education program would be responsible for the new program. The library has been systematically developed in areas of early childhood education and child development. The program would utilize instructional, diagnostic, and prescriptive materials relating to the language, physical, social and intellectual development of the young child available at Oregon College of Education's special education instructional materials center.

Committee Recommendation

The Committee recommended that the revised option in Early Childhood Education be approved.

The Board approved the recommendation as presented.

Oregon College of Education requests authorization to offer subject matter concentrations in its divisional majors in science-mathematics and social science leading to the BA/BS in general studies, as follow: natural science-biology, natural science-mathematics, social science-psychological studies.

At its January 1970 meeting, the Board approved the following recommendation of its academic affairs committee in respect to development of undergraduate subject matter degree programs at Oregon College of Education:

The Committee recommended that the Board authorize Oregon College of Education to develop subject matter concentrations within the general studies majors, with each concentration so developed presented to the Board for its approval before being announced to students.

At that time the Board also approved the first two subject matter concentrations, one in social science-geography and one in social science-history.

Objectives of Oregon College of Education's general studies concentrations are the same as the objectives of baccalaureate level departmental degrees in the same subjects. Oregon College of Education prefers to
develop these programs within the general studies context for the following reasons, as stated in January 1970:

1. The general studies degree provides the student opportunity to investigate broad areas of knowledge while acquiring depth in one subject area or group of closely related disciplines.

2. Programs can be developed according to student interests and strengths of the institution.

3. Oregon College of Education will not need to reorganize its present departmental structure to accommodate the proposed curriculum developments. Still, the faculty directly concerned with the subject area concentration will have the advantage of identifying with a specific curriculum and body of students.

4. Programs can be planned as preparation for graduate study (in disciplines where graduate work is required to qualify as a professional worker) or employment at the baccalaureate level.

Nature of Programs

Programs outlined for biology and mathematics are similar in content and structure to baccalaureate level programs in these areas offered at other institutions in the System. The program in psychological studies utilizes Oregon College of Education's strengths developed in support of its teacher preparation and special education programs to meet the needs of students whose primary interest is with the understanding and modification of human behavior and experience. The applied focus of the program, directed primarily toward baccalaureate level employment in paraprofessional capacities in social service and mental health fields, differs from the usual undergraduate major in psychology which is designed to provide background for specialization at the graduate level. To distinguish its program from a more typical undergraduate major, Oregon College of Education proposes the designation "psychological studies." Students graduating with the proposed concentration in this area would be qualified to enter graduate study in counseling, clinical psychology, or social work, but would not be qualified to enter graduate studies in theoretical areas of psychology.

Resources To Offer Programs

Faculty. Oregon College of Education more than meets the Board's general criterion of faculty preparation for approval of baccalaureate degree programs, i.e., three Ph.D.'s in the major area. The biology faculty consists of ten full-time staff members, 8 of whom hold the Ph.D. degree. The mathematics faculty includes 12 persons, 3 holding the Ph.D. and one the Ed.D. degree. The staff in psychology and education who will be involved in the program in psychological studies includes 17 persons, 6 with the Ph.D. and 7 with the Ed.D. degree.
Library. Library holdings in biology have been compared with the listing of the Commission on Undergraduate Education in the Biological Sciences of the American Institute of the Biological Sciences and holdings in mathematics with the listing of the Committee on Undergraduate Programs in Mathematics of the Mathematics Association of America. In both areas, Oregon College of Education’s holdings are representative and at least minimally adequate to an undergraduate departmental program.

Since the proposed program in psychological studies concentrates on one aspect of psychology, the faculty reviewed the library holdings with respect to that particular emphasis. In all, Oregon College of Education has approximately 2,000 volumes in psychology, including educational psychology. In addition, the library subscribes to more than 70 psychology and related journals. With the use of interlibrary loans for specific short-term needs, the present library holdings are at least minimally adequate to the proposed program.

Equipment and Facilities. The programs in biology and mathematics will be administered by the department of natural sciences and mathematics, housed in Oregon College of Education’s new natural sciences building. No additional facilities or equipment will be required to offer the proposed programs.

Facilities and equipment for the program in psychological studies will include laboratory facilities for the institution’s programs in counseling and special education. The institution will also make use of facilities in nearby state institutions for some laboratory and practicum experiences.

New Courses Required

The proposed programs in biology and mathematics can be offered with courses already being taught for students in secondary education and in the general studies programs. The program in psychological studies will require revision of several courses now offered and the addition of five one-term courses for a total of 12-15 hours of credit.

Student Interest

Oregon College of Education believes the proposed concentration in biology will attract some 20 students (freshmen and transfers) the first year it is offered, most of them wishing preprofessional programs requisite to professional study in the medical sciences. The mathematics program is expected to attract only a few enrollments, but since the courses are all offered anyway, the low enrollment will make no difference in cost. Because of the opportunities for baccalaureate level employment in social service areas in state agencies, there is considerable interest in the undergraduate program in psychological studies. A survey conducted during the fall quarter 1970 indicates some 20 students now enrolled at Oregon College of Education would transfer to the program were it to be approved.
Cost of the Proposed Programs

Oregon College of Education anticipates no additional costs for the proposed programs other than those occasioned by increased enrollment.

Committee Recommendation

The Committee recommended that Oregon College of Education be authorized to offer concentrations within its general studies major in natural science-biology, natural science-mathematics, and social science-psychological studies.

In response to a question during the Board discussion, Dr. Romney indicated that the proposed liberal arts programs were consistent with the development of liberal arts programs at Oregon College of Education, Southern Oregon College, and Eastern Oregon College. He said it would be possible for students to enroll in departmental major programs in selected liberal arts fields at these three institutions.

The Board approved the recommendation as presented.

(Considered by Building Committee, January 5, 1971)

Schematic Design of College Center Addition and Alterations, OCE

On September 8, 1970, the Board was advised that Architects Lutes and Amundson of Springfield had been commissioned to assist the staff of Oregon College of Education in the design and construction supervision of the proposed College Center Addition and Alterations. The architects were assigned also to assist in the master planning of student union facilities for the college involving the physical siting of future additions and a determination of the capacities of the site and the present building to accommodate future additions. It was indicated to the Board that legislative authorization is being requested in 1971 for two phases of the work estimated to cost a total of $1,955,000. The portion relating to the major remodeling was assigned Priority No. 3, and the first addition was assigned Priority No. 16 within the listing of auxiliary enterprises projects for 1971-1973.

Board members may recall that the present College Center was completed in 1960. It was designed for an enrollment of approximately 1,500 students and included central kitchen and dining facilities for students living in the campus residence halls. For the Fall Term 1970, the enrollment was about 3,940 students. With the scheduled completion of the new Food Service Building later this year, and the transfer of all residence hall dining to that facility, it is appropriate and necessary to remodel the existing and vacated areas to provide more functional space within the College Center.

Institutional officials and the project architects have filed with the Board’s Office a copy of the schematic design phase of planning which incorporates both the remodeling and proposed first addition as well as the general site studies for future additions. These plans comply with standards approved by the Board. It is estimated that when the alterations are completed, the College Center would be adequate to serve at least 4,500 students, and that with the completion of the addition it would be possible to serve about 6,000 students.
The proposed alterations work would encompass the following to meet basic College Center needs:

1. Conversion of the present dining room into a coffee shop. An outdoor terrace would be constructed on the west side.

2. Conversion of the existing kitchen and service line into an enlarged "scramble" serving area and support kitchen.

3. Conversion of the present coffee shop on the main level to a lounge area.

4. The present small lounge area on the main floor would be incorporated within the principal concourse to provide additional exhibit and seating space.

5. A new corridor would be provided at the lower level by reducing the area of the loading dock in order to provide a direct connection between the present activity room and the proposed new coffee shop.

6. The areas assigned to student publications would be relocated to the former college publication space, and a new darkroom would be provided. The resulting space would become a television viewing room and work/storage area.

7. The current bookstore area would undergo minor remodeling, and the current bulk food service storage for the dining area would be converted to an additional sales area at the west end. The main entrance wall would be altered to provide more display space and a new entrance location.

Generally, as part of the work to be done within the alterations phase, interior spaces would be redecorated. Some of the areas would be provided with new ceilings, lighting, floor and/or wall finishes. The building would be air conditioned, and a new primary electric service would be provided. The chiller would be installed in a separate unit north of the existing building.

Based upon the schematic design and projected to a proposed bid date of January 1972, it is estimated that the direct construction costs for the remodeling of the building, including fixed equipment, would be approximately $591,308. For the gross area of 46,104 square feet within the building, such costs would average about $12.83 per square foot. The project budget requirements for these alterations total $950,000.

The proposed first addition, to be located adjacent to the northeast corner of the building, would match both of the present floor levels and would provide about 12,090 square feet. The new area on the lower level would contain a gross area of about 5,460 square feet and would include additional activity space, vending area and related service spaces. At the main level, the proposed addition would contain a gross area of about 6,630 square feet and would provide a student government (Senate) room seating approximately 200 persons, conference and meeting rooms, and related service areas.
The estimated direct construction costs of $460,833 for the addition would average about $39.77 per square foot. The total project budget for the addition is estimated to be $620,000.

As part of the site study and master planning of the college center facilities, the architects have proposed a future two-story addition on the south side of the building. This would require the relocation of the loading dock and service area to the north side of the building for more direct relationship to the kitchen. At that stage of development, it is likely that the book store would move out of the College Center to another location, and the space vacated by the book store would be utilized as additional activity space. Revisions would also be made for a hobbies and crafts area. The new area at the lower level would provide storage lockers and supplementary space for outdoor-oriented clubs, while the upper level would be used for additional music listening and television viewing rooms closely related to the lounge.

The retention of Todd Hall to the south limits the potential for further southerly expansion of the College Center, but long-range development could make this space available for a student services facility connected to the student services facility connected to the south entrance of the Center. A major future addition could be provided, if necessary, west of the existing building with a covered connection at each floor level. Such a connection at the upper level would require the construction of a mezzanine corridor through the coffee shop into the lounge. This addition could house the book store when and if it were removed from the College Center, and could serve as an alumni center.

Funds for the proposed College Center Addition and Alterations during 1971-1973 would be provided from self-liquidating bond borrowings to be issued under the provisions of Article XI-F(1) of the Oregon Constitution and/or balances available for auxiliary enterprises.

It was recommended that the schematic design phase of planning for the proposed alterations and addition to the College Center at Oregon College of Education be approved, together with the site studies for possible future additions. It is also recommended that the appropriate Board officials be authorized to instruct the architects to complete the design development phase of planning for the two phases of work for which legislative authorization is being requested in 1971. It is hoped that the construction work can be undertaken simultaneously within a total budget of $1,570,000, including $950,000 for the alterations and $620,000 for the addition. Inasmuch as these amounts differ from the earlier estimates of $695,000 and $1,260,000, respectively, it was recommended that the listing of 1971-1973 capital outlay requests for auxiliary enterprises be amended to give effect to the revised figures.
RECAPITULATION UPON COMPLETION OF SCHEMATIC DESIGNS

Project - OCE College Center

Architects - Lutes and Amundson, Springfield

Legislative authorization - To be requested from 1971 Oregon Legislature

Board's priority in 1971-1973 (auxiliary enterprises)

Approximate gross area

No. 3

46,104 sq. ft.

No. 16

12,090 sq. ft.

Estimated total project costs

$950,000

$620,000

Estimated direct construction costs:

Total (including site development and utilities)

$701,508

$501,133

Total (building and fixed equipment only)

$591,308

$460,833

Average (per square foot)

$ 12.83

$ 39.77

Tentative schedule:

Bidding

January 1972

Completion

Sept. 1972

Dec. 1972

Tentative financing plan:

General obligation bond borrowings under provisions of Article XI-F(1) of the Oregon Constitution and/or balances available for auxiliary enterprises

$950,000

$620,000

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

Upon the recommendation of Oregon College of Education officials and Architects Annand, Boone, Drynan and Huffstutter, the work performed by the construction contractor for the Administration Building renovations was accepted as of December 17, 1970, subject to the completion of a few minor items. Inspection for acceptance was made by the Vice Chancellor for Facilities Planning. A revised semifinal budget is shown below in comparison with the budget reported to the Board on January 26, 1970:
### Project Costs

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Original Budget</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moody &amp; Sons Construction Company, Junction City</td>
<td>$474,060</td>
<td>$454,000</td>
<td>$20,060(1)</td>
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<tr>
<td>Professional services fees</td>
<td>$42,666</td>
<td>$40,860</td>
<td>$1,806</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>$36,333</td>
<td>$32,440</td>
<td>$3,893(2)</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>$5,000</td>
<td>$5,000</td>
<td>-</td>
</tr>
<tr>
<td>Contingencies</td>
<td>$22,700</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Less - Portion financed from</strong> Physical Plant budget for a new steam line from campus elementary school to new tunnel on north side of Administration Building</td>
<td>$3,059</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$558,059</td>
<td>$555,000</td>
<td>$3,059</td>
</tr>
</tbody>
</table>

(1) Includes the installation of additional hardware, doors and cabinets; the relocation and lowering of storm sewer; replacement of metal deck roofing over entryway on west side of building; installation of sidewalk in front of the building; painting outside windows; installing indoor-outdoor carpeting in basement area; excavating additional space in north basement area; and other changes incorporated within eleven approved change orders.

(2) During construction, efforts were made to conserve a portion of the contingency allowance in order to reinstate some items of furnishings and equipment that had been contemplated in the pre-bid budget but were deferred at the time of awarding of contracts.

(3) Subsequent to another break in the steam line between Monmouth Avenue and the south wing of the campus elementary school, officials of the College, with approval from the Board's Office commissioned Engineers Morrison, Funatake & Associates to prepare plans to correct the deficiency. Because of the very adequate steam line available in the new tunnel which had been included in the Administration Building contract, it appeared desirable and advisable to make a new connection into the tunnel for the campus elementary building. A change order was exercised to accomplish this work using funds available from the operating budget.

Plans and specifications for the Administration Building renovations were prepared by Architects Annand, Boone, Drynan & Huffstutter of Portland. The work included new partitions, principally of wood study and dry wall finish, new ceilings of acoustical tile and floors of vinyl asbestos tile in most of the renovated areas. Some of the office suites were carpeted. Fluorescent lighting fixtures were installed, and wiring systems were brought up to code. In order to meet the fire marshal's requirements, a new sprinkling system was installed. Exterior brick work of the building was tuckpointed and waterproofed, all existing wood sash windows were painted, and screens were installed on exterior windows. Exterior work associated with the project included
the installation of a new sidewalk in front of the building, the con-
struction of a new concrete driveway near the northeast corner of the
building for service access, the construction of a separate chiller house
to accommodate cooling equipment for the Administration Building and the
fine arts complex proposed for construction nearby.

Of the total project costs of $555,000, the direct construction cost
applicable to the building was approximately $393,380. This latter
amount excludes about $80,680 for exterior site work, the area chiller
installation, and the new steam line for the campus elementary school.
For a gross area of 30,033 square feet, these costs average about $13.10
per square foot. The project was financed from the General Fund appro-
priation in Chapter 664, Oregon Laws 1969.

RECAPITULATION UPON INSPECTION AND ACCEPTANCE

Project - OCE Administration Building Renovation
Architects - Annand, Boone, Drynan & Huffstutter, Portland
Legislative authorization - Chapter 664, Oregon Laws 1969
Board's priority - No. 4 in 1969-1971 (Educational and General Plant)
Approximate gross area - 30,033 square feet

Total project cost $ 555,000

Direct construction costs:
  Total $ 474,060
  Building (excluding area chiller installation,
    concrete sidewalks and steam line to
    elementary school):
    Total $ 393,380
    Average (per square foot) - $13.10

Financing plan:
General Fund appropriation in Chapter 664, Oregon
Laws 1969 $ 555,000

The Board accepted the report as presented.

Curricular
Requests, SOC

(Considered by the Committee on Academic Affairs, Personnel, and
Public Affairs, January 4, 1971.)

The complete statement of the Southern Oregon College curricular
request and analysis of the request by the Board's Office of Academic
Affairs are presented in the document Southern Oregon College Curricular
is bound in a separate volume and is considered an integral part of
these minutes.
Southern Oregon College proposes to offer a program of study, comprising 97-100 hours of work, for students who wish to obtain immediate, intensive experience in the theater rather than a baccalaureate degree.

Students completing the program would be awarded a certificate in fine arts in theater. For the most part, course work would be drawn from existing courses offered by the department of speech and theater arts for its bachelor of fine arts program in theater and for education students specializing in speech-theater.

The percentage of the student's time, as represented by credit hours earned, devoted to the several components of the program can be summarized as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Hours</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theater (Practice)</td>
<td>52-55</td>
<td>55</td>
</tr>
<tr>
<td>(Technique Courses)</td>
<td>(18-21)</td>
<td></td>
</tr>
<tr>
<td>(Supporting Courses)</td>
<td>(22)</td>
<td></td>
</tr>
<tr>
<td>Dramatic Literature</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Introduction to the Arts</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Communications</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Physical Education</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>97-100</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

Resources to offer the program are those developed in support of Southern Oregon College's teacher education programs in speech and drama and the bachelor of fine arts degree program in theater. Library holdings in theater exceed those recommended as minimal for the California state colleges. The faculty has been carefully selected for strengths in theater. The college benefits greatly from its long association with the Shakespearean Festival, founded and directed by Dr. Angus Bowmer, of the Southern Oregon College staff.

Southern Oregon College's programs in theater are operating in spite of inadequate campus facilities. The need for a building designed and equipped for instruction in drama has been recognized in the Board's long-range building program, however, legislative funding cannot be expected until the 1973-1975 biennium at the earliest. Southern Oregon College wishes to proceed with the program, making the best use possible of existing facilities.

New Courses Needed

Southern Oregon College will need to add 24 hours of course credit to offer the certificate program. These courses will carry full college credit. Enrollment will not be restricted to those in the certificate program. Some expansion of the department's scheduled theatrical productions will be necessary to provide practicum experience.
Cost To Offer Program

At present 35 students are majoring in drama at Southern Oregon College. It is anticipated that an additional 15 students will be added with the inauguration of the certificate program. Since many of the theater courses now offered in the department are not heavily enrolled, it is not anticipated that the addition of the certificate students will require additional sections of already scheduled classes. However, the additional course work and expansion of the schedule of productions will require additional staff time. Southern Oregon College states that the program can be offered for the numbers anticipated with the addition of one staff member, whose salary will be provided out of the institution's regular instructional budget.

Board's Office Recommendation

The Board's Office believes the certificate program in fine arts in theater would be a useful and economical extension of Southern Oregon College's resources in theater to serve a group of special interest students not now served in programs of the college. While some students will leave the college upon completion of the certificate program, others will find their interests have broadened beyond the bounds of the theater and will choose to continue in a baccalaureate program. Because all of the courses in the certificate program will be a part of the regular offerings of the college, students will be able to change their educational objective without loss of credit.

Committee Recommendation

The Committee recommended that the certificate in fine arts in theater program be approved.

The Board approved the recommendation as presented.

Report of Purchase of Gillette Property, SOC

Pursuant to authority granted by the Board, arrangements have been made to acquire the Gillette property located within the approved projected campus boundaries of Southern Oregon College at 1361 Quincy Street, Ashland. The property consists of a lot containing approximately 13,113 square feet improved with a small two-bedroom frame residence plus basement. The purchase price of $10,000 was in line with appraisals obtained by the institution. The property is in an area designated for the future married student housing project, and the funds to finance the acquisition are being provided from the proceeds of the sale of Article XI-F(1) bonds, authorized by the 1969 Legislature.

The Board accepted the report as presented.

Report on Acquisition of Colonial Motel Property for SOC

The Board at the July 21, 1969, meeting, authorized the purchase, by condemnation if necessary, of the Colonial Motel property owned by Mr. and Mrs. Edward A. Rosehill to be used as part of the site for the College Union Building for Southern Oregon College. The property has been acquired by condemnation. Funds for the property in the amount of $100,000, the value determined by the Jackson County
Curricular Requests, EOC
(Considered by the Committee on Academic Affairs, Personnel, and Public Affairs, January 4, 1971.)

The complete statement of the Eastern Oregon College request and analysis of the request by the Board's Office of Academic Affairs are presented in the document, Eastern Oregon College Curricular Proposals for 1971-72, dated January 4, 1971. The document referred to is bound in a separate volume and is considered an integral part of these minutes.

Information Presented to Academic Affairs Committee

Eastern Oregon College offers two master's degree programs for secondary teachers. One, the master of science or arts in teaching, is designed primarily for the student who wishes to improve his subject matter background for teaching. The other, a master of education degree program emphasizes work in education. Eastern Oregon College proposes to revise these programs to a single program designed to produce a performance-based master's student who can demonstrate to employers refined skills applied in the teaching profession. If the revised program is approved, the two present programs will be phased out.

Nature of the Program

Core to the program is a required 12-hour teaching-learning block, dealing with teaching strategies and learning processes. Admission to this block will be open only to candidates who have obtained departmental certification of competency in subject matter of their teaching areas and who have completed a course in "teaching strategies within a discipline." During the program each student will design and instructional proposal which, after evaluation and preliminary research on campus, will be personally field tested, evaluated, and reported.

Need for the Program

Eastern Oregon College believes a competency-based program will answer the question "What 'good' is accomplished in completing a master's program?"

Eastern Oregon College notes that the July 15, 1970, interim report of the Oregon Teacher Standards and Practices Commission suggests the following objectives for post-entry (graduate) teacher preparation:

It is recommended that institutions of higher education improve post-entry teacher preparation by: (a) committee resources to meet the needs of teachers, (b) improving instruction through a variety of learning experiences, (c) assisting teachers to derive the implications of research findings to improve classroom practices, and (d) conducting meaningful educational research related to instructional problems.
Eastern Oregon College states that the points made by the commission are central to its presently proposed revision of the Master of Education program for secondary teachers.

**Resources To Offer Proposed Revision**

One of the reasons there are not more competency-based teacher education programs in operation is that at least at their inauguration they appear to be time consuming and thus tend to cost more. Because of the need to adjust planned experiences to the individual needs of each student, recognizing the competencies and deficiencies he brings with him to the program, there appears to be little likelihood of realizing savings through numbers.

Eastern Oregon College inaugurated a competency-based master's degree program for elementary teachers last year as a revision of its Master of Education program. Eastern Oregon College's experience with the first year of the competency-based elementary education master's degree program leads it to believe it can move ahead with a similar program for secondary teachers within the regular budget.

**Faculty**

Fifteen members of Eastern Oregon College's faculty will be involved with the program in various capacities. Three hold the Ph.D. degree, 10 the Ed.D. degree, and 2 the M.S. degree.

**Library.** An evaluation of the library holdings for graduate study was completed as a part of the institutional reappraisal report submitted to the National Council for Accreditation of Teacher Education in 1969. The college subscribed to 124 (65.9 percent) of the 188 periodicals listed in the Education Index. Comparison of book titles with the annual list of "Outstanding Books in Education" published by Education Horizons showed the college owned 76 percent of the titles for the period 1954 through 1965. Further strengthening of the graduate library has been accomplished during the current biennium.

**Facilities and Equipment**

As was stated at the time the revision of the Master of Education program for elementary teachers was approved in 1969, present facilities are inadequate for offering a competency-based program on a permanent basis. However, new facilities planned and equipped for this kind of instruction will be available upon completion of the new education building. (This is one of the buildings approved by the 1969 Legislature, construction of which has been deferred by the Emergency Board.) Meanwhile, Eastern Oregon College wishes to launch the competency-based program in existing facilities.

**Cost of the Proposed Program**

The program, as proposed, would be offered primarily during the summer term. As has been noted, competency-based teacher education programs tend to cost more in terms of faculty time than programs which are an
assemblage of discrete courses. Eastern Oregon College estimates that during the time it is inaugurating the new program and phasing out the two present programs (MAT/MSST and present MEd program), an additional 2.5 FTE faculty will need to be assigned to graduate instruction for secondary teachers each summer term. After the old programs are phased out, the faculty assigned to graduate instruction for secondary teachers during the summer can be reduced by .5 FTE. Eastern Oregon College feels very strongly as to the necessity to move to competency-based programs for the preparation of teachers and is committed to making the necessary adjustments within its instructional budget to permit it to assign additional FTE to the teacher education program. Eastern Oregon College believes this is a particularly propitious time to inaugurate a competency-based program because, without the pressure to turn out ever-increasing numbers of teachers, the institution can enforce the quality controls inherent in this kind of program. The institution is not seeking to attract new clientele to its master's degree program but rather to serve better employed teachers who wish to take their fifth year of preparation at Eastern Oregon College. Almost all of Eastern Oregon College's graduate students are employed in the eastern Oregon region.

Discussion and Recommendation by Committee

The Committee recommended that Eastern Oregon College be authorized to offer the revised master's degree program for secondary teachers as requested.

Board Discussion and Action

The Board approved the recommendation as presented.

Information Presented to Academic Affairs Committee

Eastern Oregon College proposes substantial revisions in its baccalaureate program for the preparation of elementary teachers, designed to introduce some of the elements of a competency-based program at this level. The new program will not involve the individual tailoring of programs to the student's competencies and deficiencies characteristic of Eastern Oregon College's new master's degree programs, but will seek to establish, in its professional education core, increased knowledge of and experience in teaching processes, and, in a subject minor, some depth of work in subject area.

All of the basic course elements included in the new program are presently being taught at the College, but with the program revision, the courses will be reorganized into larger blocks of time and subject matter. This reorganization will enable students to concentrate their attention rather than jumping from course to course and will enable the institution to schedule earlier contact with children through field experiences than is possible with the more typical curricular program.
The revised program will not require any additional staff or other resources. The program can become operational within Eastern Oregon College's present facilities, but, the institution notes, will be enhanced both in quality and effectiveness when the new education building, with its model classroom, reading clinic, and individualized research center and seminar rooms become available.

**Discussion and Recommendation by Committee**

The Committee recommended that the proposed revision of the BA/BS degree program in elementary education be approved.

**Board Discussion and Action**

The Board approved the recommendation as presented.

**Information Presented to Academic Affairs Committee**

Eastern Oregon College requests authorization to change basic requirements for the baccalaureate degree in the following respects:

1. Reduce requirement in physical education activity courses from 5 to 3 hours.

2. Increase group requirements (to be called area requirements in the revised statement of degree requirements) to the following:

   In addition to the requirements in English composition and speech, a minimum of 18 term hours in each of three areas: social science, science-mathematics, and humanities; a sequence of at least 9 hours is required in each of these three areas.

3. Increase the amount of work that must be in upper-division courses from 45 hours to 60 hours.

4. Reduce the amount of work that may be completed in extension study from 60 to 45 hours, and the number of these hours that may be in correspondence study from 24 to 18.

**Discussion of the Proposal**

The proposed reduction in required hours in physical education reflects a trend in higher education. The Board will recall that Southern Oregon College is presently experimenting with dropping the physical education requirement entirely; Oregon State University has been authorized by the Board to reduce the requirement from 5 to 3 credit hours.

Eastern Oregon College reports that it has expanded its intramural program in athletics and that it is experiencing an expanding interest among students in the intramural program. It hopes by this and other means to stimulate student participation in physical activities.
The other proposed changes are aimed at strengthening the requirements. The requirement of 18 credit hours in each of the three principal divisions (humanities, social science, and science) is new. The sequence requirement of 9 credit hours in sequence courses in each of the fields is the same as at present. Dropped is the requirement of a fourth sequence to be taken in any one of the three divisions.

Increasing the hours required in upper-division courses to 60 brings Eastern Oregon College into line with four of the other five multipurpose institutions which require 60 or more credit hours in upper-division courses.

In discussion by the Committee, Mr. Mosser noted that reduction of the amount of work that might be completed in extension from 60 to 45 and the hours of correspondence study from 24 to 18 was a movement away from efforts across the country to recognize that learning could take place in a number of ways. Dr. Easley responded that the revision was simply a reflection of the fact that Eastern Oregon College's students are not using the opportunity to complete 60 hours of work by extension study, not a decision that the number of hours earned in this manner should be reduced. He said Eastern Oregon College would be agreeable to deleting this provision from the request for the next year in order to permit additional study of the matter.

Discussion and Recommendation by Committee

The Committee recommended that the proposed revised general education requirements be approved, with modifications cited immediately above.

Board Discussion and Action

The Board approved the recommendation as presented.

Revised Requirements for BA/BS Degree in General Studies, EOC

Information Presented to Academic Affairs Committee

Eastern Oregon College proposes to modify requirements for the BA/BS degree in general studies as follows:

1. All candidates will be required to complete the revised institutional requirements for the bachelor of arts or bachelor of science degree.

2. At least 72 credit hours of work with a 2.00 grade point average must be completed in upper-division courses. (Present requirement is a minimum of 45 credit hours.) No more than 36 credit hours earned with the same prefix may be credited toward the above 72 credit-hour requirement. No more than 60 hours with a single prefix may be counted toward the 192 hours required for the degree.
Change in Minor Requirements

This request assumes the approval of the revised institutional requirements just described. The strengthened group (area) requirements incorporated in this revision provide a breadth of background consisting of 18 credit hours in each of the three areas—humanities, social science, science-mathematics—requisite to a liberal arts program. These requirements were provided in the general studies program as now authorized in a first and second minor. With approval of the revised institutional requirements, the general studies minors are redundant.

Change in Major Requirements

Under the present requirement all work completed toward a major in general studies must be within a single division. The proposed modification would eliminate the requirement, and would permit the student to develop a program of study across divisional lines.

Breadth of work within the major would be assured through the requirement that no more than 36 credit hours of work in any single department could be counted toward the required 72 credit hours—thus forcing the student into at least two different departments.

Depth of work is assured by the requirement that all 72 hours in the general studies major must be at the upper-division level. This will oblige the student to get some depth of knowledge in at least two fields. With this requirement the student cannot build a general studies program largely upon a variety of introductory and junior level courses, something that can be done under present requirements of 63 hours in the major area, 27 at the upper-division level.

The proposed limitation of 60 hours in any one department which may be applied toward a general studies degree prevents the student from using the general studies format (area requirements, major requirements, electives) to build in such areas as art and music a program which, except in a professional program, would be considered unduly heavy.

Discussion and Recommendation by Committee

The Committee recommended approval of the proposed changes in requirements for the BA/BS in general studies degree.

Board Discussion and Action

The Board approved the recommendation as presented.
Eastern Oregon College requests authorization to offer a BA/BS degree program in physics, effective in 1971-72. The program would follow a pattern similar to other departmental degree programs at Eastern Oregon College. A minimum of 54 hours would be required in physics, with supporting course work in chemistry and mathematics.

The request for authorization of this program, and for baccalaureate degrees in chemistry and business and economics, discussed later in this document, is made under policy approved by the Board in 1965, as follows:

1. The Board's Committee on Academic Affairs affirms its conviction that Eastern Oregon College and Southern Oregon College, as regional institutions serving the eastern and southern regions of the state, should develop, as resources permit, departmental major programs in selected fields of the humanities, social sciences, and sciences.

2. The foregoing affirmation commits the Board's Committee on Academic Affairs to no time table for the authorization of any particular departmental majors at the regional institutions, nor does it imply in any way a commitment to authorize departmental majors in all or almost all of the subject matter fields which may be found in the larger institutions offering departmental majors in the humanities, social sciences, and sciences. The Board's Committee would expect the institutions to be selective in their requests.

3. Departmental major programs will be authorized regional schools only when it is possible for the institution to demonstrate that it has available or can make available, if authorized the requested program, the staff, library, and other resources that will permit the offering of a departmental major of some substance.

4. The institution should be expected to give evidence of its commitment to the departmental programs it is authorized by allocating to the library and other support of those (subject) areas an increased apportionment from the total funds available to the institution.

Since adoption of this policy, Eastern Oregon College has been authorized baccalaureate departmental major degree programs in: biology, English, history, mathematics, and anthropology and sociology.

**Resources To Offer Program**

**Courses.** All of the courses needed for the proposed program are already being taught for students majoring in secondary education—physics and general studies with a concentration in physics.
Faculty. The physics department at Eastern Oregon College consists of two faculty who are assigned full-time to teaching physics courses. Both have Ph.D. degrees in physics.

General courses in physical science at Eastern Oregon College are offered in a separate department, composed of three faculty members.

Library. Eastern Oregon College has made a determined effort to bring the physics library to a level adequate for a baccalaureate program. The recommended list of library materials issued by the American Institute of Physics, the periodical Choice, various book reviews in physics journals, and recommendations of the physics staff have served as guides. The library is now minimally adequate according to Dr. Russell J. Donnelly, Professor of Physics and Chairman of the Physics Department at the University of Oregon.

Facilities and Equipment. Eastern Oregon College devoted a major portion of its equipment budget for 1970-71 to acquiring adequate machine shop facilities to support instruction in the physical sciences. This acquisition removed the last major obstacle to implementation of the proposed program. Instructional equipment over and above that made possible from the departmental budget, has been acquired through assistance of the physics department of the University of Oregon, from Tektronix Corporation, and the Research Corporation. In all, more than $27,000 of instructional equipment above that provided by Eastern Oregon College funds has been acquired in the past two years.

Student Interest

Eastern Oregon College does not anticipate a large production of physics graduates. What it seeks to do is to make available its resources in physics, developed primarily in support of the teacher education program, to those students whose personal interest and abilities lead them to want to specialize in this area of study. With such a program, Eastern Oregon College can retain its good lower-division students who might otherwise transfer to an institution offering a major program and can also serve students who complete their lower-division work in an eastern Oregon community college and who would be interested in a baccalaureate degree program in the eastern Oregon region. Eastern Oregon College estimates that it may graduate from two to four students in physics each year. This number can be easily handled in present class sections.

Discussion and Recommendation by Committee

The Committee recommended that Eastern Oregon College be authorized a BA/BS degree in physics effective 1971-72.

Board Discussion and Action

The Board approved the recommendation as presented.
Eastern Oregon College requests authorization to offer a BA/BS degree program in chemistry, with requirements similar to requirements of other departmental degrees of the institution. A minimum of 54 hours would be required in chemistry with supporting work in physics and mathematics.

Resources To Offer Program

No new courses are required for the proposed program. However, if it is authorized, Eastern Oregon College will request 8 hours of work in biochemistry, which will be recommended for those students preparing for admission to a school of veterinary medicine.

Faculty. The present staff in chemistry numbers four, two of whom hold the PhD degree (University of Idaho 1963 and Oregon State University 1969). One staff member expects to complete his PhD requirements at Oregon State University in June 1971. The other has completed all requirements for the PhD except the dissertation.

Library. Eastern Oregon College subscribes to 18 of the 31 journal titles and holds 85 percent of the suggested 500 book titles on the published list of journals and suggested book titles for an undergraduate library, issued by the Advisory Council on College Chemistry in conjunction with the American Chemical Society. The college chemistry collection now exceeds 1,000 titles. The chemistry library has been strengthened substantially over the past two years through acquisitions from federal funds and gifts totaling $7,500. The department believes the collection can be maintained at an acceptable level through purchases made possible from normal allocation of library funds to the department.

Facilities and Equipment. No additional facilities or equipment are needed for the program. The department will seek a small amount ($400 the first year and $200 each succeeding year) from institutional funds for supplies for the biochemistry laboratory course when it is authorized. Major equipment additions which would be helpful in future strengthening of the program will be sought from grant sources.

Eastern Oregon College has graduated about four students a year over the past seven years who completed a program approximating a major in chemistry. Eastern Oregon College does not expect that authorization of an undergraduate baccalaureate major will greatly increase the numbers of students at Eastern Oregon College completing a concentration in chemistry, but it will permit the institution to provide a better arranged program for them and to identify the nature of the program on their transcripts.

Discussion and Recommendation by Committee

The Committee recommended that the BA/BS degree program in chemistry be approved.
Board Discussion and Action

The Board approved the recommendation as presented.

Information Presented to Academic Affairs Committee

Eastern Oregon College requests authorization to offer a BA/BS degree program in business and economics.

Eastern Oregon College has offered limited work in business since about 1945, when special lower-division programs were authorized as a service to returning veterans. In 1949, Eastern Oregon College began offering two-year programs in business administration leading to transfer to the major programs, then offered at the University of Oregon and Oregon State University. With the approval of programs in secondary education in 1960, Eastern Oregon College began offering a second teaching field in business education. In 1964, Eastern Oregon College requested both a basic norm program in business education and a baccalaureate degree program in business, but subsequently withdrew the proposal in business for further study. The basic norm program was approved.

In 1966, noting a growing and persistent demand both on the part of students and on the part of business and industry in the eastern Oregon region for a four-year program in business, Eastern Oregon College sought recognition of a program within its general studies format that would, in part, meet the need expressed and that could be accommodated within the resources available to Eastern Oregon College. The chief problem recognized by both Eastern Oregon College and the Board's Office was the problem of financing a staff requisite to a major program. In discussing the general studies at that time (1966), the Board's Office recommended approval of the proposed program and observed:

It is difficult to argue that the important eastern Oregon region should not have one undergraduate major program in business. Experience at the four institutions now offering undergraduate major programs would lead one to anticipate that the new program would, within a few years, attract sufficient enrollments to permit Eastern Oregon College to strengthen its business staff within its normal budget level.

The prediction that inauguration of a general studies program in business would result in significant enrollment growth in the area of business has been borne out, as is indicated in the following statistics:

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<tbody>
<tr>
<td>Number of Majors</td>
<td>140</td>
<td>133</td>
<td>166</td>
<td>189</td>
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<tr>
<td>Number of Graduates</td>
<td>16</td>
<td>309</td>
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Revision of general studies requirements, however, as proposed earlier in this document would, if approved, eliminate the area of business as a distinctive general studies major. Students interested in business
could still arrange programs similar to the present business requirements, but this would be done on an individual basis. Eastern Oregon College believes that students interested in this area are numerous enough to warrant a separately organized, identifiable program of their own. Eastern Oregon College does not believe it has staff strength to offer a major in business administration at the present time of the quality desired by both Eastern Oregon College and the Board, but, after careful review of its resources, Eastern Oregon College does propose that by combining its resources in business and economics it can offer a strong undergraduate program in these related areas of study.

Program Requirements

The program would require:

1. 30 hours of work in business and economics designated as prerequisite to the major, plus demonstrated proficiency in typing and business machines.

2. 30 hours of required core courses in business and economics.

3. 27 hours in a specialization option selected from (a) accounting, (b) marketing/management, (c) office management, and (d) business/economics.

Resources To Offer Program

Faculty. Sixteen persons will be involved with the program in an instructional capacity. Eight of these are full-time instructional faculty in the divisions of business and social science. Six have major responsibilities in administrative capacities and partial assignments in instruction, and two are local attorneys who have part-time appointments to teach Eastern Oregon College's course work in business law.

The eight full-time instructional faculty hold the following degrees: two PhD's (political science-labor economics and business education-economics), two EdD's (higher education-social science and business education), one MA (economics), one MS (business administration), and two BS degrees (one with long professional experience in accounting, the other completing her master's degree in business education).

Eastern Oregon College has not yet been successful in employing a PhD in business administration, but hopes to obtain a person at this level of preparation with the approval of the new major program.

Library. Library holdings in business and economics have been checked against the Choice listings for these areas, published by the American Library Association. The library holds 68 percent of the "basic collection" and 25 percent of the "enrichment collection." In all,
there are approximately 3,600 volumes in the library pertaining to business and economics. The library subscribes to 35 periodicals in business and 14 in economics. The institution is now spending $750 for business and approximately $1,300 for social science acquisitions yearly and believes this amount is adequate to keep up with current publications.

Facilities and Equipment. No new special facilities or equipment are required to implement the proposed program.

Cost of the Program

The program requires no new courses. It is expected that the program will attract new students to Eastern Oregon College thereby increasing the efficiency of operation of the institution and providing opportunity to strengthen offerings both in business and economics and in other areas of study.

Probably there is no way the Board could encourage growth at Eastern Oregon College more effectively than through authorization to offer a major program in business administration. Business is a strong enrollment area at each of the four institutions offering major programs.

Discussion and Recommendation by Committee

The Committee recommended that the BA/BS program in business and economics be approved.

Board Discussion and Action

The Board approved the recommendation as presented.

Naming of College Center, EOC

Information Presented to Building Committee

In anticipation of the receipt of bids within the near future for the construction of the proposed College Center at Eastern Oregon College, it was recommended that the new facilities be named Hoke College Center in honor of the late Mac Hoke, former member of the Board and outstanding citizen in eastern Oregon. Prior to his passing on June 19, 1945, Mr. Hoke devoted much of his time and exceptional talents to Board matters, particularly in the areas of finance and agricultural extension.

Upon completion of the new unit, the existing (temporary) multi-purpose structure known as Hoke Hall would be identified as the Hoke Hall Annex until such time as it may be razed.

Discussion and Recommendation by Committee

The Building Committee recommended that the Board approve the recommendation as presented. Mr. Corey abstained from voting on the recommendation.
Board Discussion and Action

The Board approved the recommendation as presented, with Mr. Corey abstaining from the discussion and voting on the question.

(Considered by Committee on Academic Affairs, Personnel, and Public Affairs, November 16, 1970, and January 4, 1971.)

Information Presented to Academic Affairs Committee

At its October 26, 1970, meeting, the Board reviewed discussions conducted by the Committee on Academic Affairs at its regular October 8, 1970, meeting and at a hearing held in Klamath Falls, October 25, on the possible expansion of Oregon Technical Institute's services to include community college services. Before the Committee was a recommendation of the Board's Office that during the 1970's Oregon Technical Institute move to expand its state and regional functions by:

1. Extending the range of vocational-technical programs it offers at the baccalaureate level.
2. Continuing to offer an array of vocational-technical associate degree programs.
3. Adding to its offerings an expanded array of lower-division college transfer courses, that it may more nearly meet the needs of the Klamath County and surrounding area for college transfer education at the lower-division level. Oregon Technical Institute should not offer as a part of its program other specialized services normally a function of a community college program (e.g., open-door counseling, lower-division, short-term vocational, and general education courses). If requested to administer these services under contractual terms by some other agency, it should do so only to the extent that it can without impairing the full performance of its assigned functions in the State System.

Mrs. Johnson reviewed the discussions of the Committee, stating that further exploration of the problems of providing community college services in the Klamath-Lake area needs to be completed before the Committee would be ready to bring in a recommendation. Upon her motion the matter was referred back to the Committee.

Because of pressure of business of other Committees of the Board, the Committee on Academic Affairs was able to convene only briefly for the meeting scheduled for November 16, 1970, to hear Mr. Richard F. Deich, Chairman, and Mrs. George Beard, of the Oregon Board of Education, who presented the following resolution, approved by the Board of Education, October 16, 1970:

WHEREAS, the State Board of Higher Education has been presented a recommendation relating to the addition of the curricula at OTI located in Klamath Falls; and WHEREAS the Oregon Board of Education has been requested by the State Board of Higher Education to discuss and make recommendations on the proposed additions to
the curricula at OTI, THEREFORE BE IT RESOLVED that the Oregon Board of Education supports the concept that OTI offer a comprehensive open-door community college educational program for the residents of Klamath and Lake Counties, including, but not limited to lower division courses and associate degree program offerings; and RESOLVED further that the Oregon Board of Education expresses to the State Board of Higher Education its belief that the degree program at OTI should not be expanded at any time to the detriment of its community college programs.

At its January 4, 1971, meeting, the Committee considered a detailed analysis of Oregon Technical Institute's capability to enroll college transfer students during the 1971-1973 biennium. The Oregon Technical Institute presentation and the Board's Office analysis thereof is contained in the document OTI and the College Transfer Program Issue, dated January 4, 1971. The document referred to is bound in a separate volume and is considered an integral part of these minutes.

OTI's Capacity To Enroll Transfer Students 1971-1973 Biennium

Oregon Technical Institute presently offers two types of programs that serve a community college-type need in Klamath County:

1. Associate degree programs in technology which, in terms of title and description, are similar to programs available in community colleges (e.g., secretarial technology, accounting, automotive technology, diesel technology).

2. Arts and science courses which, though offered by Oregon Technical Institute as general education for its technology students are being enrolled in by some students listed as "unclassified," who are not interested in technical education, but are, to all intents and purposes, college transfer students.

Oregon Technical Institute reports fall term head-count enrollments of unclassified students (mainly college transfer students) of 39, 70, 61, and 75, in 1967, 1968, 1969, and 1970, respectively. The head count of 75 in the fall term 1970, equates to 40 FTE students, 5 of whom were vocational students and 35 of whom were college transfer students.

Oregon Technical Institute estimates that the number of unclassified (college transfer) students will rise from the present 35 FTE to 74 FTE fall term 1971, and 75 FTE fall term 1972. It also estimates that if the conditions set forth below are met, it could enroll in the fall term 1972 an additional 100 FTE college transfer students, making a total of an estimated 175 FTE college transfer students (225 head count) fall term 1972-73. Student-teacher ratio would be approximately what it is now (1970-71): 10.5 in the technical courses and 18.0 in the liberal arts.

The foregoing estimate rests upon the following conditions:

1. Oregon Technical Institute will be budgeted for staff positions as provided in the Board's budget for 1971-1973 as approved by the Governor.
2. Oregon Technical Institute will have two new buildings by fall term 1973, the auditorium building presently under construction and the Laboratory Building II, which is Number 4 for the educational and general plant priority list for 1971-1973.

3. Oregon Technical Institute would be authorized additional general education courses, serving both Oregon Technical Institute's technology students and those enrolled in college transfer programs.

4. Oregon Technical Institute would receive adequate funds from overrealized enrollment fee income to cover cost of materials and supplies and related costs incident to the added enrollments resulting from the transfer program.

Number of Students Likely To Enroll in Transfer Program

Oregon Technical Institute is of the view that the 175 FTE in college transfer programs in 1972-73 would meet a substantial part of the college transfer need in the Klamath area.

In an effort to obtain more conclusive data concerning potential enrollment in college transfer programs, the Board's Office surveyed 637 seniors and 701 juniors residing in the Klamath-Lake area (all of the high schools in Klamath and Lake Counties except Sacred Heart Academy in Klamath Falls). The survey was completed during October and November 1970. Students were asked (1) What are your post-high school plans? and (2) What would be your plans if Oregon Technical Institute were authorized to offer a college transfer program?

Of the 637 seniors, 256 reported plans to attend an Oregon State System of Higher Education institution and 75 reported they would attend Oregon Technical Institute. Sixty-four reported plans to attend Southern Oregon College. Less than one-fifth, 117, of the respondents were uncertain as to their post-high school plans.

When the question was asked as to what the senior's post-high school plans would be if Oregon Technical Institute were authorized a college transfer program, the number of students who reported an intention to attend Oregon Technical Institute jumped from 75 to 173. Of these, 89 reported they would enter the transfer program, 63 the technical program, and 21 were uncertain. The number indicating they would attend Southern Oregon College dropped from 64 to 21. The number who were uncertain as to their post-high school plans, however, nearly tripled, from 117 to 313 (50.6 percent of the total survey). The large number of students who were uncertain makes it difficult to make any firm predictions on the basis of this survey.

A third indication of the number of potential college transfer enrollments is the State Department of Education estimate of 1,000 FTE potential enrollment in a community college in the Klamath-Lake area. If 40 percent of these were transfer students, the potential enrollment in this category would be 400. The State Department finds that community colleges tend to reach their "potential" enrollment as estimated by the department within a five-year period.
Situation if Transfer Program Not Approved

If the Board does not authorize Oregon Technical Institute to offer college transfer programs, Oregon Technical Institute expects that the number of students registering as unclassified will increase anyway to 75 FTE by 1972-73. Oregon Technical Institute would employ new instructors authorized in the 1971-1973 budget in the same manner as presently planned, since these instructors would be employed to provide instruction for Oregon Technical Institute's technology majors, not in support of the college transfer contingent. The teacher-student ratio would be lower than would be the case were some 100 additional students available to fill out class rolls in liberal arts courses.

Situation if New Classroom-Laboratory Building Not Funded

Oregon Technical Institute states that if the classroom-laboratory building is not funded for construction in 1971-1973, Oregon Technical Institute will not have space to continue the transfer program at the level projected for 1972-73 during the 1973-1975 biennium.

Mr. Mosser indicated he was inclined to permit Oregon Technical Institute to go ahead and register as many transfer students as it was able to accommodate in its liberal arts program. He said it might be necessary to cut back the program during the 1973-1975 biennium, but that before this was done Oregon Technical Institute should explore every possible alternative, e.g., procurement of rental space off campus or scheduling during evening hours.

President Purvine said Oregon Technical Institute's thought in suggesting that the continuation of the program be contingent upon the building was to avoid making a commitment to the community on which the institution might not be able to fulfill. He said that if Oregon Technical Institute does not get at least a scaled-down version of the classroom-laboratory building, it would have to limit enrollment of college transfer students in order to use the space that was available to take care of growing enrollment in the technology programs.

He said some additional students could be accommodated through expansion of the evening program offered by the Division of Continuing Education, which is primarily a transfer program.

The possibility of renting instructional space, President Purvine continued, poses an entirely new set of financial considerations, which Oregon Technical Institute has not reviewed. He said, however, there was unoccupied space in Klamath Falls at the present time which would be suitable for instructional purposes.

Mrs. Johnson asked if the Division of Continuing Education classes offered on the Oregon Technical Institute campus could be moved, thus freeing Oregon Technical Institute facilities during the evening hours. President Purvine responded this was a possibility, but observed that the Division of Continuing Education and Oregon Technical Institute in Klamath Falls had a close and excellent relationship, providing a strong
evening program which he would be reluctant to jeopardize. (Division of Continuing Education classes are open to Oregon Technical Institute students through concurrent enrollment.)

Mrs. Johnson said the Board had a commitment to the people of Klamath Falls to do everything it could to provide a college transfer program. She said the situation in respect to vocational courses was more difficult in part because it was not known to what extent much of this work would be offered in the high schools.

Dr. Purvine said Oregon Technical Institute saw no possibility of offering vocational courses within the anticipated 1971-1973 budget. However, he said there was a great deal of interest nationally in vocational education, and asked encouragement by the Board for Oregon Technical Institute to seek nonstate financial support with which to add community college services such as vocational education and counseling. Mr. Mosser responded that he did not believe the Board would wish these programs developed on a year-to-year grant basis since this only builds future problems. He said further he felt Oregon Technical Institute should go on year-round operation; that he would like to see a polytechnic college in Portland but this would not be possible for at least 5-10 years and meanwhile, the facilities located in Klamath Falls should be used to the maximum.

Mrs. Johnson said she was not happy with the position that if Oregon Technical Institute did not get the classroom-laboratory building, it would be unable to continue a college transfer program into the 1973-1975 biennium. She asked if income from overrealized enrollment would provide flexibility in budgeting to enable Oregon Technical Institute to rent instructional facilities.

President Purvine said overrealized income had been worked into the analysis that led Oregon Technical Institute to conclude that it could handle 100 FTE additional college transfer students in 1972-73 within the projected budget. Moving off campus would introduce new costs for rent of facilities and travel of faculty between the campus and the rented facility. Scheduling problems could be solved in part by having campus classes on the half hour and off-campus classes on the hour. President Purvine said his staff had been taken from their regular duties to analyze what Oregon Technical Institute could do to provide college transfer work in the 1971-1973 biennium. He said he would be pleased now to direct study to alternative ways of continuing the service in 1973-1975 should the classroom-laboratory building not be available. He said Oregon Technical Institute needed to know whether it was to go ahead with the transfer program within the next few weeks so they could inform high school seniors.

Mr. Mosser remarked that if the program were going to be started in 1971-72, the Board was going to have to make a decision on the proposal without knowing about the building.

Mrs. Johnson agreed, saying the alternatives to Oregon Technical Institute’s providing college transfer work for the Klamath area were very expensive, both to the local community and to Oregon Technical Institute.
Dr. Romney asked if the Committee would favor authorizing Oregon Technical Institute to go ahead and enroll as many college transfer students as it is able in any given year.

Mr. Mosser said he would be in favor of this kind of authorization if it were not interpreted to mean that Oregon Technical Institute would eliminate the program if it did not get the building.

Mr. Hunderup commented that part of the space problem at Oregon Technical Institute was a critical shortage of faculty office space.

Mr. Mosser suggested a possible conversion of dormitory space to offices, or the purchase or rental of mobile trailer facilities.

Discussion and Recommendation by Committee

The Committee recommended that the Board authorize Oregon Technical Institute to enroll students in college transfer programs to the extent that it can serve these students within its budgeted capabilities and physical facilities.

Oregon Technical Institute will not cut back the program because of lack of physical facilities until it has explored every possible alternative, including procurement of rented space off-campus, although it is recognized that if the proposed classroom-laboratory building is not funded for the 1971-1973 biennium, enrollment in the college transfer program may have to be limited during the succeeding biennium.

No recommendation is being made at this time concerning provision of other community college services such as low-level vocational, adult education courses, and counseling services. The Board's Committee believes other possibilities for both financing and provision of these services should be explored before a recommendation is made that Oregon Technical Institute assume these functions.

Board Discussion and Action

In response to a question during the Board discussion, Dr. Romney indicated that the recommendations agreed in general with those at the hearings held in Klamath Falls on the future role of Oregon Technical Institute.

The Board approved the recommendations as presented.
Curricular Requests, OSU

(Considered by Committee on Academic Affairs, Personnel, and Public Affairs, January 4, 1971.)

The complete statement of the Oregon State University requests, and analyses of the requests by the Board's Office, are presented in the document, Oregon State University Curricular Requests for 1971-72, dated January 4, 1971. This document is bound in a separate volume and is considered an integral part of these minutes.

BS in Anthropology, OSU

Information Presented to Academic Affairs Committee

Oregon State University requests authorization to offer a BS degree in anthropology as an alternative to the presently authorized BA degree program.

The Department of Anthropology at Oregon State University presently offers a Bachelor of Arts program in anthropology. At the time the program was authorized, the department felt that since graduate study is requisite to employment in anthropology at a professional level, all students graduating from the department should be required to complete a BA degree program, with its requisite foreign language, in order that they have a background in language, should they want to go into graduate work.

With experience with the program, the faculty has concluded that for many students the baccalaureate degree is a terminal degree. Employment possibilities for these students in government work, social agencies, and other areas which would utilize their undergraduate preparation in anthropology might well be enhanced by increased work in the sciences characteristic of the bachelor of science degree.

The department now has some 40-50 major students each year. Approximately 25 of these are expected to prefer a bachelor of science degree program should this option be available. The change will require no financial adjustment, although with the BS option, the program may attract a few more major students than at present, when all majors are required to complete two years of a foreign language (or demonstrate competency at this level). Both the University of Oregon and Portland State University offer students in anthropology the option of a BA or BS degree.

Discussion and Recommendation by Committee

The Committee recommended that the Oregon State University request be approved.

Board Discussion and Action

The Board approved the recommendation as presented.
Oregon State University requests authorization to add technical minors in the following fields for its BA/BS degree program in technical journalism: atmospheric sciences, computer science, oceanography, civil engineering technology, pharmacy.

The program in technical journalism was authorized February 1969. The program is designed to prepare journalists competent to work as writers and editors in technical areas and in the sciences. In order to assure that those graduating from the program are both professionally able and technically competent, students are required to complete requirements in both journalism and a science or technical area. The required technical minors, which must consist of 27 to 36 hours of work in the specialized area (excluding basic science work prerequisite to specialized study), are developed by Oregon State University's science and science-based professional schools in cooperation with the department of journalism.

When the program was approved in 1969, Oregon State University had developed technical minors in but two fields, agriculture and home economics. Last year (1970) a technical minor was added in forestry. Addition of these minor fields listed on page 32a will complete development of the program in technical journalism contemplated in 1969.

With the exception of computer science, all of the technical minors are in areas in which Oregon State University has been allocated professional responsibility, and thus could not be reasonably developed at the University of Oregon. The Board's Office emphasized this point in 1969:

The proposed program in technical journalism meets a recognized need for journalists who can report knowledgeably in areas of highly scientific or technical character which, because of the allocation of responsibility for science-oriented and technical schools in Oregon, cannot reasonably be met by the professional school of journalism at the University of Oregon...The Board's Office could not at this time recommend establishment of a second professional program in journalism offering programs paralleling those of the University of Oregon and does not so recommend. We do recommend, however, that the Committee on Academic Affairs recommend that Oregon State University be authorized to offer a single program in technical journalism as requested by Oregon State University with development of the program to be restricted to the addition of technical and scientific minors. Students who wish to major in some aspect of journalism other than technical journalism should be encouraged to enroll in the professional school of journalism, where a variety of programs to meet their needs and interests is available.

All of the new technical minors will utilize course work already available and will require no additional resources in any form.
Meeting #392-35

January 25, 1971

Revision of Basic Norm Programs in Music and Speech, OSU

Discussion and Recommendation by Committee

In its discussion, the Committee emphasized the obligation of the Board not to duplicate specialized facilities and programs, especially when the institutions involved were located no more than 40 miles apart, and the obligation of the institutions to share resources and facilities where this would strengthen their programs.

The Committee recommended that the proposed technical minors be approved.

Board Discussion and Action

The Board approved the recommendation, with the understanding that the proposed minor programs are not intended to duplicate specialized facilities and programs already available at the University of Oregon.

Information Presented to Academic Affairs Committee

Oregon State University seeks to strengthen its basic norm programs for preparation of teachers in music and speech. Normally, a strengthening of a subject matter norm for teachers may be accomplished by an institution without taking the matter to the Board. The School of Humanities and Social Science, however, has limited to 60 credit hours of work in a single subject field that may be counted toward the 192 hours required for a baccalaureate degree. The basic norm programs proposed by Oregon State University would be in excess of this 60-hour limitation.

A survey of programs in music education at other institutions in the State System indicates that this is an area involving heavy programs in the subject field, with concentrations ranging from 95 hours in music at the University of Oregon to 63 at Oregon College of Education. (Eastern Oregon College students complete a minimum program of 42 hours in music when they plan to graduate with basic norm preparation in two subject fields. Students graduating with only one subject norm are encouraged to take additional work.)

The situation in speech education is less clear-cut. Requirements of the State Department of Education are very low, with a basic norm of 18 hours in speech and drama. However, many students complete the speech and drama norm as part of a combined program in the language arts, reflecting the job market in many Oregon schools. Heaviest programs in speech and drama are at the University of Oregon and Portland State University. Departments at both these schools limit their majors to a maximum of 60 hours.

Board's Office Recommendation

The Board's Office believes there are sound educational grounds for permitting Oregon State University to waive the 60-hour concentration requirements of the School of Humanities and Social Science for those majors in music who are preparing to teach in the public schools to permit them to complete a norm in music totalling 68 hours. Music teachers in the public schools must often handle the entire music program. To acquire even the minimal preparation in music theory and
choral and instrumental music necessary to provide reasonably competent instruction takes a great deal of the student's time. In view of this very practical aspect of the problem, the Board's Office recommended that Oregon State University be authorized to waive the 60-hour requirement of the School of Humanities and Social Sciences thereby permitting students preparing to be teachers in music to complete the proposed strengthened norm and have all the work count toward completion of the baccalaureate degree.

In respect to speech, it is difficult to support inauguration of basic norm programs requiring more than 60 hours of work, especially in view of the 60-hour limitation voluntarily imposed by departments of speech at the two other universities in the System and the low norm requirements established by the State Department of Education. The Board's Office recommended that the 60-hour limitation not be waived for students majoring in speech but rather that Oregon State University be encouraged to strengthen its basic norm program within the 60-hour maximum. This, Oregon State University has expressed itself willing to do.

Discussion and Recommendation by Committee

The Committee recommended that Oregon State University be authorized to waive the 60-hour limitation on work in a single subject that may be counted toward completion on a baccalaureate degree in the School of Humanities and Social Sciences for students completing a basic norm program in music, but that the requirement not be waived for students completing a basic norm program in speech and drama.

Board Discussion and Action

The Board approved the recommendations as presented.

Information Presented to Academic Affairs Committee

Oregon State University requests authorization to offer a combined undergraduate degree program in biochemistry and biophysics.

The proposed program, along with similar programs being developed across the country, is a response to scientific developments of the past several years in molecular biology which, in both its applied and theoretical aspects, has created a demand in agriculture, health sciences, environmental quality and food and drug regulatory agencies, and a variety of industries (food processing, drugs, cosmetics, chemical, petroleum, etc.) for persons at both the baccalaureate and graduate levels with training which equips them for quantitative approaches to problems in the biological sciences.

Oregon State University states that there is considerable interest in biochemistry and biophysics on the part of undergraduate science majors, and that the program offers excellent opportunity for employment at the baccalaureate level. Students who wish to go on to advanced graduate study will also find this is a growing field offering a variety of opportunities. Since the department of biochemistry and biophysics already offers graduate programs through the doctoral level, as well
as undergraduate courses for majors in biology and chemistry who wish some work in the combined area, no new resources are required to offer the program. Some adjustments will be made in two presently offered sequences in biophysics and biochemistry to adapt them for use in the undergraduate major program.

Discussion and Recommendation by Committee

The Committee recommended that the BA/BS degree program in biochemistry and biophysics be approved.

Board Discussion and Action

The Board approved the recommendation as presented.

Information Presented to Academic Affairs Committee

Oregon State University requests authorization to offer a graduate program in education of adults leading to the master of education degree. The proposed program would be offered through the division of vocational adult, and community college education in the School of Education, with the cooperation of the System's Division of Continuing Education, the Federal Cooperative Extension Service, and the Oregon Board of Education.

The degree pattern would be similar to other programs leading to the MEd degree, with 27-30 hours of work in courses in education for adults and 15-18 hours of work in a minor field.

Oregon State University has experimented with key course work proposed for this program over the past three years as elective courses in various teacher education programs offered by the school. Total number of students enrolled in the three courses during the two-year period 1968-69 and 1969-70 was 106. On the basis of this interest, Oregon State University believes total enrollment in the core courses over the next five years will be at least 200, with 15 to 18 completing requirements for the master of education degree each year. Oregon State University also expects the program to be incorporated into the programs of approximately 6 doctoral candidates during the same period.

Faculty qualified to instruct and direct the proposed program are available at Oregon State University in the School of Education, Division of Continuing Education, and Federal Cooperative Extension Service. Instructional costs of the program will be absorbed through the adjustments in staff assignments that are a regular part of any curricular program seeking to keep abreast of educational needs.

Discussion and Recommendation by Committee

Mrs. Johnson commented that the proliferation of master's degrees in education was difficult for the lay person to understand. She asked why a separate option in adult education was needed. Dr. Romney responded that this was an effort by Oregon State University to make visible resources to which they have given considerable time and attention over the years by bringing together a configuration of courses in
an area in which there are increasing numbers of people. In response to a question concerning possible duplication of the program at other institutions, Dr. Romney noted that Oregon State University had some unique resources and experience in adult education, notably the federal cooperative extension service, but added that adult education was a field distinct from elementary and secondary and an area of substantial need. He said he would not wish to foreclose the possibility of Portland State University and the University of Oregon developing within the resources available to them a program in adult education that would serve a useful need.

The Committee recommended that the option in adult education be approved.

Board Discussion and Action

The Board approved the recommendation as presented.

Easement for Underground Electric Transmission Line to Consumers Power, Inc., OSU

Information Presented to Building Committee

Oregon State University officials have received a request from Consumers Power, Inc., an electric cooperative in the Mid-Willamette Valley, for an easement to permit the construction of an underground three-phase electric transmission line across a portion of McDonald Forest.

At the present time, the company furnishes electrical services to the Vineyard Mountain KOAC-TV tower on McDonald Forest from power lines near the Lewisburg-Sulphur Springs Road partially underground and then overhead up the last part of the mountain to the television facilities. The company is requesting an easement over approximately 1,700 feet of land within McDonald-Forest so that an underground cable could be installed in a northeasterly direction from the tower to a junction box at the property line. The easement would cover a strip about four feet wide and would run generally parallel to Nettleton Road in order to minimize damage to trees and brush when the transmission line would be installed approximately four feet under the surface.

Initially, this underground installation would serve properties adjacent to McDonald Forest; however, as additional underground cables are installed through the adjacent land, the KOAC-TV facilities would be served by the underground transmission line and the present overhead line would be retired. This would eliminate or reduce the electric outages to the television facilities which occur as a result of falling trees, heavy snow, icing conditions or high winds.

All the construction work would be accomplished at no expense to Oregon State University, and the company would compensate the Board to the extent of $200 for the easement.

It was recommended that the appropriate Board officers be authorized to execute an easement to Consumers Power, Inc., to accomplish the purposes described above provided that the form of the document, to be drafted by the company, is satisfactory to the Board's attorney.
Discussion and Recommendation by Committee

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

Board Discussion and Action

The Board approved the recommendation as presented.

Upon the recommendation of institutional officials, the Board's Office has accepted the design development phase of planning for the proposed Horse Center at Oregon State University and has instructed Architects Morin-Longwood-Edlund to complete the construction documents so that bids may be solicited for the project within the near future. Authorization to proceed with construction within an expenditure limitation of $450,000 was obtained from the State Emergency Board on January 9, 1971.

The plans conform substantially to the schematic design reviewed and approved by the Board on April 27, 1970, although some reductions in area have been made to offset increases in the estimated costs occasioned by the delay in releasing funds appropriated by the 1969 Legislature. It is expected that the four separate buildings would contain the following approximate gross areas:

- Arena Building: 31,993 square feet
- Horse barn: 6,766 square feet
- Research Laboratory: 4,296 square feet
- Feed Barn: 2,070 square feet

Total: 45,125 square feet

In general, the buildings would be of heavy timber construction. Exterior nonbearing walls of the arena building would be composed of incombustible treated lumber with a one-hour fire resistance rating to comply with the requirements of the State Fire Marshal. The arena itself would measure approximately 100 feet by 200 feet with an adjacent warm-up and demonstration area of approximately 25 feet by 200 feet. This structure would contain a classroom, an office, restrooms and other service areas. Initially, there would be bleacher seating for about 312 persons with space for additional seating at some future time. The structure would take advantage of the sloping site by placing the base for the seating into the natural grade, thus reducing the overall height of the building.

It is anticipated that the horse barn would include at least 18 box stalls and 16 tie stalls as well as an office, restrooms, shop and tack rooms. Provision would be made for bid alternates and for future expansion.

Within the research laboratory unit, at the south edge of the site, provision would be made for 12 tie stalls, as well as the laboratory, dietetic control area, segregated feed storage and operating facilities.
The separate feed barn would be constructed west of the horse barn. The site plan anticipates the future construction of a stud barn and space for the farrier. A caretaker's house would be placed near the main entrance.

As indicated previously, the facilities would be located approximately 1,400 feet north of Harrison Street and west of Walnut Drive (an extension of 53rd Street), generally north and west of the University campus in Corvallis.

It is estimated that the direct construction costs of the four buildings would total approximately $314,845, averaging about $6.98 per square foot. Inclusive of site work and utility extensions, the estimated total direct construction costs are $380,845.

The project architects and institutional officials have been working with representatives of the American Plywood Association in the planning of the project to assure that the design concept is satisfactory to that group. Assurance of the availability of gift funds of at least $50,000, either in cash or donated materials, has been received from Senator Hartung who assisted (as a State Representative) in sponsoring the legislative proposal for the project. Thus, the funding is to be accomplished within the various resources totalling $450,000, as outlined below.

RECAPITULATION UPON COMPLETION OF DESIGN DEVELOPMENT PHASE OF PLANNING

Project - OSU Horse Center

Architects - Morin-Longwood-Edlund, Eugene

Legislative authorization - Chapters 599 and 627, Oregon Laws 1965 and Chapter 645, Oregon Laws 1969

Board's Priority - No. 39 in 1969-1971

Approximate gross area - 45,125 square feet

Estimated total project cost $ 450,000

Estimated direct construction costs:
  Total (including site work and utilities) $ 380,845
  Buildings $ 314,845
  Average (per square foot) - $6.98

Tentative schedule:
  Bid opening - February or March 1971
  Completion - October or November 1971
Meeting #392-41

Financing plan:
General Fund appropriation in Chapter 645, Oregon Laws 1969 $ 300,000
State Racing Commission receipts (Chapter 627, Oregon Laws 1965) 25,000
Self-liquidating bond borrowings or other balances available for auxiliary enterprises (Chapter 599, Oregon Laws 1965) 75,000
Gifts 50,000
Total $ 450,000

Board Discussion and Action
The Board accepted the report as presented.

Budget Addition (Considered by Finance Committee, January 5, 1971.)
To Provide for Additional Heating Plant Costs, OSU

Information Presented to Finance Committee
The Oregon State University Heating Plant uses natural gas as a primary source of fuel under a 100-day interruptible schedule. The secondary source is a heavy fuel oil obtained on an annual contract. Because of the shortage of natural gas in the Northwest, it is expected that the primary source will be interrupted this winter for the full 100 days permitted under the contract, thus requiring fuel oil to be used approximately 60 days more than could reasonably have been foreseen when the budget was prepared in the fall of 1969 for the current year. Moreover, the cost per barrel of fuel oil beyond the amounts specified in the contract is at a substantially increased cost.

Oregon State University personnel have calculated the increase in the cost due to these two factors, assuming normal winter temperatures, to be $86,000, of which $23,000 would be charged to auxiliary enterprises.

It was recommended that a budget addition of $63,000 be provided to the Oregon State University Physical Plant from the Board's Unappropriated Fund for the purpose of meeting increased fuel costs.

Discussion and Recommendation by Committee
The Finance Committee recommended that the Board approve the recommendation as presented.

Board Discussion and Action
The Board approved the recommendation as presented.
Meeting #392-42

(Considered by Building Committee, January 5, 1971.)

Information Presented to Building Committee

On several occasions within the past few years, the Board has been informed of discussions which representatives of the University of Oregon have had with officials of the City of Eugene concerning vehicular traffic problems of mutual concern, including proposals to vacate certain streets within the campus boundaries. For example, in July 1962, when the long-range development plan prepared by Mr. Lawrence Lackey, Campus Planning Consultant, was reviewed by the Board, it was indicated that arrangements should be made eventually to close most of the streets and avenues intersecting the campus. Specific mention was made of the need to close 13th Avenue, and to reroute traffic around the campus. In July 1964, during the presentation of the report of parking and traffic studies which E. A. Barton and Associates had undertaken for the City of Eugene and the University cooperatively, it was noted that segments of 13th Avenue should be closed to vehicular traffic except for emergency use.

Recently, in response to requests from institutional officials and the Vice Chancellor for Facilities Planning, the Council of the City of Eugene was asked to arrange for the permanent closure and the vacation of 13th Avenue from the east side of Kincaid Street to the west side of Agate Street. All of the property abutting the street vacation requested is within the campus area of the University of Oregon and is owned by the State. By resolution approved on September 2, 1970, the Council agreed to a temporary closure of 13th Avenue between Kincaid and University Streets until April 1, 1971, or until an appropriate agreement could be executed with the Board, whichever is sooner.

In consultation with members of the staff of the City, and with the assistance of the Board's attorney, an agreement has been drafted for signature by the appropriate officials of the City and the Board. Among other matters, it would acknowledge the agreement of the Board and the City to the proposed vacation of several streets in accordance with the tentative time schedule indicated below:

<table>
<thead>
<tr>
<th>Street Description</th>
<th>Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>13th from Kincaid to University</td>
<td>1970-71</td>
</tr>
<tr>
<td>13th from University to Agate</td>
<td>1971-72</td>
</tr>
<tr>
<td>University from 13th to 18th</td>
<td>1971-72</td>
</tr>
<tr>
<td>15th from University to Agate</td>
<td>1971-72</td>
</tr>
<tr>
<td>Onyx from 13th to 15th</td>
<td>1971-72</td>
</tr>
<tr>
<td>Beech from 13th to south (approximately 14th)</td>
<td>1971-72</td>
</tr>
<tr>
<td>Columbia from 13th to south (approximately 14th)</td>
<td>1972-73</td>
</tr>
<tr>
<td>Columbia north of 17th southerly to 19th</td>
<td>1972-73</td>
</tr>
<tr>
<td>15th from Agate to Moss</td>
<td>1972-73</td>
</tr>
<tr>
<td>17th from Agate to Moss</td>
<td>1972-73</td>
</tr>
</tbody>
</table>
The Board would agree to participate in the financing of certain improvements to be undertaken by the City, such as the installation of traffic signals at 11th and Alder, 13th and Alder, 18th and Agate, and 18th and Alder, widening a turn lane at Franklin and 11th, widening Alder from 17th to 18th on the west side of the street, upgrading the signal and removing parking at 18th and University, and modifying the present traffic signal for a double left turn at Agate and Franklin Boulevard. Funds required for the Board's share of these costs are currently estimated to range between $25,000 and $30,000. For those portions of the work which would be constructed in 1972-73, or later, the Board's share of the cost could be deposited with the City in advance with the understanding that interest would accrue thereon until the expenditures were made. Although it is likely that some adjustments would be required at the time the individual projects were undertaken, they should be relatively minor.

The agreement would also stipulate that when the Board and the City mutually agree upon a general plan for the future physical development of the University and its surrounding area, including provisions for land use, zoning regulations and future arterial streets, then the Board would locate all future buildings in such a manner as not to impede the development of the arterial streets. In the interim, the City shall be notified of all projected building locations (other than for certain designated projects for which architectural planning is underway or completed), and if the City indicates disapproval because of anticipated conflict with projected transportation facilities, the City's position will be given consideration by the Board before a final locational decision is reached. Furthermore, when and if additional traffic facilities or improvements are mutually agreed upon by the City and the Board, the Board would provide, without cost to the City, such available land as the Board then owns which is needed for such project or projects.

The Board and the City would also agree to propose and support appropriations by the Oregon Legislature necessary to provide properties and rights-of-way for the completion of vehicular traffic facilities now or hereafter agreed by the Board and City to be needed.

Within the draft of the proposed agreement which was approved at the December 28, 1970, meeting of the Council of the City of Eugene, it was indicated that University officials would resist the location of an improved east-west transportation facility (identified as "Skinners Butte Freeway") on the immediate south bank of the Willamette River. However, it was recognized that such a facility is not fixed in location, nor in type or level of service. It is expected that hearings would be held by the City and/or other local governmental agencies before decisions would be reached concerning the development of the Skinners Butte Freeway or other major east-west transportation facilities.

It was recommended that the appropriate Board officers be authorized to execute the agreement with the City of Eugene in accordance with the program outlined above.
Discussion and Recommendation by Committee

During the Committee discussion, it was indicated that the maintenance of the streets after they are closed could be arranged under a contract with the City of Eugene or the streets might be closed except to emergency and service vehicles, in which case the maintenance would be nominal.

In response to a question, President Clark said that the University officials wish to postpone development of a freeway along the river because it is one of the finest natural assets of the City of Eugene. He said it is possible that ultimately a freeway could be constructed near the railroad track, but that at present efforts are being made to reduce automobile traffic in the campus area with the expectation that it might be necessary only to expand and improve Franklin Boulevard rather than to construct a freeway.

Discussion and Recommendation by Committee

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

Board Discussion and Action

The Board approved the recommendation as presented.

Report of Bids & Contract Award for Men's Physical Education Building Restoration, UO

In accordance with the program outlined to the Board on December 8, 1970, when a report was made of the acceptance of the final plans and specifications for the restoration and rehabilitation work within the Men's Physical Education Building at the University of Oregon, bids were received on December 11. All of the quotations submitted by twelve contractors, ranging from a low of $238,782 to a high of $292,000, were below the pre-bid estimate of $338,443 from Architects Morin, Longwood, Edlund.

Following appropriate authorization from the Executive Committee of the Board, and with the concurrence of the State Emergency Board, a contract award was made to the low bidder and the following budget was approved for the project:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demolition work - Lorentz Bruun, Portland</td>
<td>$9,900*</td>
</tr>
<tr>
<td>Replacement of flooring in apparatus room - Acme Hardwood Floor Co., Portland</td>
<td>8,533*</td>
</tr>
<tr>
<td>Restoration and rehabilitation work - John T. Moody &amp; Sons Construction Co., Junction City</td>
<td>238,782</td>
</tr>
<tr>
<td><strong>Total Direct Construction Costs</strong></td>
<td><strong>$257,215</strong></td>
</tr>
<tr>
<td>Professional services fees (including preliminary report and cost estimates)</td>
<td>30,246</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>10,600</td>
</tr>
<tr>
<td>Contingencies (5% of direct construction contract for restoration and rehabilitation)</td>
<td>11,939</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$310,000</strong></td>
</tr>
</tbody>
</table>

*Work contracted separately.
Of the total budget requirements of approximately $310,000, it is expected that at least $262,580 will be allocated from the State Restoration Fund. It is also expected that approximately $6,800 would be charged against the budget for Phase II of Central Cooling (authorized by the 1967 Legislature) and that the remaining requirements of about $40,620 would be taken from the Board's reserve for plant rehabilitation and minor capital outlay.

RECAPITULATION UPON RECEIPT OF BIDS AND CONTRACT AWARD

Project - UO Men's Physical Education Building Restoration

Architects - Morin, Longwood, Edlund of Eugene

Legislative authorization - State Emergency Board (January 9, 1971)

Approximate area to be remodeled - 22,624 square feet

Total project costs

Estimated direct construction costs

Tentative schedule:

Contract award - January 1971
Completion - August 1971

Tentative financing plan:

State Restoration Fund

Article XI-G bonds (for portion applicable to Phase II of Central Cooling)

Board's reserve for plant rehabilitation and minor capital outlay

Total

$310,000

$257,215

$6,800

$40,620

$310,000

Board Discussion and Action

The Board confirmed the action of the Executive Committee.

Upon the recommendation of University of Oregon officials and J. Donald Kroeker & Associates, project engineers, acceptance of the work performed by the construction contractor on the Hogged Fuel Conveyor System was acknowledged as of November 20, 1970, subject to the completion of a few minor items. A revised semifinal budget is shown below in comparison with the budget reported to the Board on December 10, 1969:

<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 11/20/70</th>
<th>Original Budget 12/10/69</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs: A. E. Stafford, Springfield</td>
<td>$112,504</td>
<td>$104,269</td>
<td>$8,235 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>$9,263</td>
<td>$8,727</td>
<td>$536</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>$4,000</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>Physical Plant costs</td>
<td>$9,233</td>
<td>$14,791</td>
<td>($5,558)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>$5,213</td>
<td>($5,213)</td>
</tr>
<tr>
<td>Total</td>
<td>$135,000</td>
<td>$135,000</td>
<td>$0</td>
</tr>
</tbody>
</table>
(1) Includes the replacement and relocation of the tail-end idler and takeup assembly for the present boiler feed conveyor; modifications to the incline angle of the loading conveyor due to structural interference in the central heating and power plant; provision for a small extension to the loading conveyor and the installation of additional sensing devices with associated controls; and other changes incorporated within ten approved change orders.

Plans and specifications for the project were prepared by Engineers J. Donald Kroeker & Associates, Consulting Engineers, of Portland. Briefly, the work included replacing a portion of the hogged fuel conveying system with a new conveying system to develop delivery of approximately 37 units of hogged fuel per hour to the boilers. The main components added were a drag-chain pickup conveyor at the fuel pile, equipped with a vibrating screen to remove large and stringy material, and belt transport conveyors to the heating plant roof. Existing boiler feed and recirculating conveyors were altered and reused. Necessary manual and automatic controls to regulate the fuel feed rate in accordance with steam demand were provided also.

Of the total project costs, $85,000 was provided from the General Fund appropriation in Chapter 664, Oregon Laws 1969, and the remainder of $50,000 was financed from balances available to the University of Oregon for auxiliary enterprises.

RECAPITULATION UPON INSPECTION AND ACCEPTANCE

Project - UO Fuel Conveyor

Engineers - J. Donald Kroeker & Associates, Consulting Engineers, Portland

Legislative authorization - Chapter 664, Oregon Laws 1969

Board's priority - No. 18 (Educational and General Plant) and No. 15 (Auxiliary Enterprises) in 1969-1971

Total project costs - $135,000

Direct construction costs - $112,504

Financing plan:

State funds (General Fund appropriation in Chapter 664, Oregon Laws 1969) $85,000

Balances available for auxiliary enterprises 50,000

Total $135,000

Board Discussion and Action

The Board accepted the report as presented.
Report of Purchase of Larson Property, UO

Pursuant to authority granted by the Board, arrangements have been made to acquire the Larson property located within the approved projected campus boundaries of the University of Oregon at 1748 Columbia Street, Eugene. The property consists of a lot containing approximately 10,224 square feet. The improvement consists of a 50-year-old, one and one-half story, wood-frame, single family structure with a full basement. A carport and paved patio are located on the rear of the property. Inasmuch as the property is located in an area designated for future student housing, funds to finance the acquisition are being provided from the proceeds of the sale of Article XI-F(1) bonds, authorized by the 1969 Legislature. The purchase price of $18,500 is in line with appraisals obtained by the institution.

Board Discussion and Action

The Board accepted the report as presented.

In the summer of 1969, Portland Student Services, Inc., a nonprofit student-operated corporation, was organized to provide student housing in the Portland State University area of development. Thereafter, a lease was entered into with the corporation by the Board to make available eight apartment buildings in the Urban Renewal Project area for interim use for student housing purposes. At the July 27, 1970, meeting, report of the activities of the student-operated corporation was made by Portland State University Vice President Lemman, supplemented by officers of the corporation. It was reported at that time that application had been made by the corporation and a reservation of funds had been received for the loan of $3,000,000 through the Department of Housing and Urban Development, supporting the construction of 220 apartment units.

Pursuant to the federal government commitment, Portland Student Services, Inc., has developed plans for a 16-story apartment building containing 221 apartments: 112 bachelor, 78 one-bedroom and 31 two-bedroom; with an estimated total project cost of $3,038,000. The project has been advertised for bid and it is expected that bids will be opened on January 29, 1971, with the start of construction to be in early March. The completion date of the project is scheduled for late March 1972.

Ordinarily, the federal government requires that the loan agreement to a nonprofit student housing cooperative corporation be co-signed by the institution at which the corporation is located. An alternate procedure is provided in those instances where state law does not allow the educational institution to co-sign the loan agreement. In the alternate procedure, "approval of the corporation and of the project by the institution" may be accepted.

It was recommended that the following resolution be passed by roll call vote:

Federal Government Loan to Portland Student Services, Inc., for Construction of Student Housing, PSU
WHEREAS, Portland Student Services, Inc., under the provisions of the College Housing Act, has received notice of a reservation of funds from the Department of Housing and Urban Development to finance the construction of a student housing project (CH-Ore-85(d)), and

WHEREAS, release of the funds, pursuant to Department of Housing and Urban Development regulations, requires approval of the corporation and of the project by the Board (since neither the institution nor the Board is empowered to co-sign the loan agreement);

NOW, THEREFORE, BE IT RESOLVED that the Oregon State Board of Higher Education, acting for Portland State University, finds that Portland Student Services, Inc., is a well-established, competent and responsible organization with continuity of operation; and

BE IT FURTHER RESOLVED that the project proposed by Portland Student Services, Inc., for Project CH-Ore-85(d), having been reviewed, is hereby approved for the purpose of a loan under the College Housing Act; and

BE IT FURTHER RESOLVED that inasmuch as the Board has no plan to construct or otherwise provide housing for students at Portland State University, the housing which Portland Student Services, Inc., proposes to build will not compete with long-range plans for Portland State University.

Board Discussion and Action

During the Board discussion, Board members inquired regarding the degree of Board responsibility which would be implied in the approval of the proposed resolution. Mr. Hunderup responded that the federal government seemed to be primarily concerned with receiving an indication that the project would not be in conflict with any plans the Board might have for Portland State University. He said that the resolution was intended to endorse the concept proposed by the independent organization for the construction of the apartment building. He stated further that the Board would not be underwriting the loan nor assuming indirectly any responsibility for the project. Furthermore, the apartment building would be constructed outside of the Board's announced land area of development for Portland State University.

The Board then discussed the legal and moral implications of the language contained in the resolution. It was agreed that adoption of the resolution would not make the Board legally responsible for the loan or the successful operation of the apartment units. There was a difference of opinion as to whether a moral responsibility was implied for the success of the project, particularly if the Board reviewed the plans for the project. Mr. Mosser was of the opinion that although the Board would not have any legal responsibility, no doubt the federal government would look to the Board "to bail the project out if it should go under." After further discussion, it was agreed that it would be appropriate for the Board to hear a description of the project for informational purposes only.
Mr. Stan Amy, representing Portland Student Services, Inc., said that the Board might be concerned primarily with two questions: (1) the relationship of the proposed project to any plans which the City of Portland might have for the area in which the apartments are to be constructed or to any plans for housing Portland State University students; and (2) whether the project was financially feasible. He indicated that a letter received by Portland Student Services Inc., from Mr. Lloyd Keith of the Portland City Planning Commission had stated that the proposed apartments units were in accord with the plans of the city for the development of the area in which the building would be located.

Mr. Norman Boice, Director of Portland Student Services, Inc., said that a survey had been taken earlier concerning the needs of Portland State students and that the plans were based on the results of this survey. He said that there was presently a waiting list of approximately 500 people who are looking for living quarters close to the campus at reasonable rates. He said that students had been involved fully in the planning of the project so that all of their ideas are incorporated in the plans and the units should meet their needs. He said the building would be located at 17th and Market Streets, northwest from the Portland State campus.

Mr. Gerson Goldsmith, attorney for the corporation, said that the purpose of the resolution was to give the Board some control over the type of nonprofit organization which is receiving the government subsidy to build the housing.

The project and its location were then described briefly.

Mrs. Louise H. Weidlich, Chairman of Mothers for Children, stated that individuals other than students or those seeking to construct the housing should be heard by the Board before approval was granted for the project. She particularly referred to those citizens concerned with public housing and urban renewal. Mr. Layman said that the resolution merely stated that the proposed project does not compete with the long-range plans of the Board for Portland State University. He said other agencies than the Board of Higher Education would be passing on the community aspects of the proposed construction.

In response to a question from Mr. Corey, Mr. Underwood indicated that some changes in the wording of the resolution had been made in negotiations with counsel for the federal Housing and Urban Development agency, and that he believed the language in the resolution as presented could not be modified further in terms of indicating Board approval of the project in a manner which would meet the needs of the Department of Housing and Urban Development.

Mr. Stewart said that he was very much in favor of the proposed housing but that he was very uncomfortable with the resolution because he did not believe it was within the province of the Board to make certifications regarding the responsibility and competence of an outside business organization.
Mr. Corey indicated that it was his intention to vote in favor of the resolution to approve the project in principle, but he requested that the minutes reflect the Board discussion in detail so that there would never be any doubt about the type of approval being granted. It was understood that the approval was limited and directed to the fact that the project would not be in conflict with the Board's long-range plans for Portland State University and that it did not imply any legal or moral obligation on the part of the Board with respect to repayment of the loan or the successful operation of the apartment building after it is constructed.

Upon motion by Director Holmes, the Board approved the recommendation to adopt the above resolution as presented, and on roll call vote the following voted in favor of adoption: Directors Corey, Holmes, Joss, Mosser, Snider, and Layman. Mr. Stewart abstained from voting.

Those voting no: None.

The President of the Board thereupon declared the above resolution duly adopted.

The Committee on Academic Affairs, Personnel, and Public Affairs met for a regular meeting at 9:00 A.M., January 4, 1971, in Room 327, Michael J. Smith Memorial Union, Portland State University. The Committee considered the following matters:

1. Design for Long-Range Planning for Post-High School Education in Oregon, presented by Dr. Robert Peck, of the Educational Coordinating Council.

2. Curricular Requests of the Institutions
   a. Oregon State University
   b. Eastern Oregon College
   c. Oregon College of Education
   d. Southern Oregon College

3. OTI and the College Transfer Program Issue.

The complete report of the Committee's meeting is presented in the document Report of the Meeting of the Committee on Academic Affairs, January 4, 1971. This document is bound in a separate volume and is considered an integral part of these minutes.

Board Discussion and Action

The Board accepted the report as presented.
In 1961, the legislature provided for the concentration of all state-supported research related to the forestry industry in the Forest Research Laboratory at Oregon State University and for the creation by the Board of Higher Education of two advisory committees - one in the area of forest management and the other in forest products research with membership to represent the various forestry industry groups in the state. The stated purpose of the laboratory was to aid in the economic development of the State of Oregon by research and experimentation to develop the maximum yield from forest lands and to obtain the fullest utilization of the forest resources of the state.

By resolution, the Board in June of 1961 established a Forest Management Research Advisory Committee and a Forest Products Research Advisory Committee and approved principals and alternates as recommended by the Chancellor. The original appointments were made for terms of from one to four years. Subsequently, new appointments or reappointments have been made for four-year terms. President MacVicar, with the concurrence of the Chancellor, recommended the appointment, effective January 1, 1971, of the following principals and alternates to represent the designated forest industry organizations on the two advisory committees:

### Forest Management Research Advisory Committee

<table>
<thead>
<tr>
<th>Organization</th>
<th>Position</th>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Forest Industries Association</td>
<td>Principal</td>
<td>J. G. Hannigan</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(New appointment - to complete term of Mr. Albert E. Hurl)</td>
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</table>

### Forest Products Research Advisory Committee

<table>
<thead>
<tr>
<th>Organization</th>
<th>Position</th>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Oregon Timber Industries Association</td>
<td>Principal</td>
<td>Douglas Gordenier</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(New appointment - to complete term of Mr. George Flanagan)</td>
<td></td>
</tr>
</tbody>
</table>

**Board Discussion and Action**

The Board confirmed the appointments as indicated above.

(Considered by Building Committee, January 5, 1971.)

**Information Presented to Building Committee**

In response to the Board's request for an annual report of single and married student housing, a study has been prepared for the Fall Term 1970. Data on residence hall capacities and occupancies were obtained from all nine institutions. However, data on family housing were obtained only from Eastern Oregon College, Oregon College of Education, Oregon State University, Southern Oregon College and the University of Oregon inasmuch as units of married student housing are not owned or
operated by the other institutions within the State System of Higher Education. The form of the report is similar to that used in the past and identifies: (a) dormitory capacities and occupancies; (b) data on other housing for single students; (c) the total number of married students (male and female); (d) the number of graduate teaching assistants and research assistants; (e) the number of graduate assistants occupying institutionally-owned housing units; and (f) typical rental rates for family housing at each of the five institutions.

Some of the main features of the Fall Term 1970 report may be summarized as follows:

Dormitory Capacities and Occupancies

1. The nine institutions provided housing accommodations for 11,764 students, or 21.3 percent of the total enrollment of 55,191 students. This 21.3 percent figure was comprised of 18.2 percent within single student housing and 3.1 percent in other housing, principally married student apartments. (See Table II).

2. For the State System as a whole, the occupancies of all residence halls averaged about 88.5 percent of the rated capacities. (See Table I).

3. Fraternities and sororities housed 3,196 students, or 5.8 percent of the total headcount enrollment. This represented a decrease of 502 students from the data reported last year. (See Table II).

4. Privately-owned residence halls for single students provided housing for 1,148 students, or 2.1 percent of the total enrollment, as compared with 1,162 students, or 2.2 percent of the enrollment last year. (See Table II).

5. Of the total enrollment of 55,191 students in Fall Term 1970, 38,748 students (70.2 percent) were living in private homes, apartments, etc. In the report for the Fall Term 1969, the comparable figures were 35,957 and 67.0 percent. (See Table II).

Married Student Housing

1. At the five institutions which provided some units of family housing, approximately 26.0 percent of the male students were married, ranging from a low of 18.5 percent at Southern Oregon College to a high of 37.6 percent at Oregon College of Education. Approximately 17.6 percent of the female students enrolled were married, ranging from a low of 11.2 percent at Oregon State University to a high of 24.3 percent at Eastern Oregon College. For the total enrollment at these five schools, 22.5 percent of the students were married, ranging from a low of 17.2 percent at Oregon State University to a high of 29.0 percent at Oregon College of Education. (See Table IV).
2. Of the 916 family housing units constructed or acquired specifically to accommodate married students, 226 were occupied by graduate assistants and research fellows and 499 were occupied by other graduate students. Thus, about four out of every five available units were assigned to graduate students. (See Table V).

3. For the five institutions, the percentage of married male and female students was highest among graduate students, including graduate assistants, research assistants, etc., and decreased with each lower academic year to the freshman level. With the exception of the seniors and juniors at Southern Oregon College, the percentage of married male undergraduate students at the three regional institutions was somewhat higher than at either the University of Oregon or Oregon State University. Similarly, the percentage of married female students at the three smaller institutions was somewhat higher than at either of these two universities. (See Table VII).

4. The overall percentage of married students living in institutionally-owned housing at the five institutions was 11.9 percent (1,104 out of a total of 9,266). On an institutional basis, this percentage varied from a low of 3.1 percent at Oregon College of Education to a high of 21.1 percent at Eastern Oregon College. At the two universities, the highest percentage of married male and female students living in institutional housing was in the category of graduate assistants, research assistants, etc. Whereas at the other schools, the percentage varied between junior and senior class levels. (See Table VII).

5. Of the 255 miscellaneous family housing rental units available during Fall Term 1970, 178 were rented to students. Of these, over half (92 units) were occupied by graduate students, including 30 who were classified as graduate assistants or research fellows. (See Table VI).

6. Of the grand total of 1,185 family living units in these five campuses, only 518 (43.7 percent) have been completed within the last nine years. At Oregon State University, 94 new apartments in Orchard Court were completed for initial occupancy during Fall Terms 1961 and 1963. At the University of Oregon, 408 new apartments were completed in Westmoreland Village for initial occupancy between Fall Terms 1960 and 1964. At Eastern Oregon College, 16 new apartments were completed by Fall Term 1962. The remainder consisted primarily of temporary war surplus buildings obtained from the federal government and residences of varying ages and conditions within the campus boundaries of the institutions. (See Table IX).

7. In accordance with the policies adopted by the Board on February 18, 1969, it is expected that the rates of charge for student housing shall be such that the income will be sufficient to make each of
the three categories of housing -- married student, regular residence halls and cooperative living units -- self-supporting and self-liquidating. Rental rates for married student housing and miscellaneous properties are established in recognition of this objective. Rates applicable to most units at the University of Oregon, Oregon State University, and Eastern Oregon College were approved by the Board on January 26, 1970. Because of the variety of facilities available for miscellaneous housing, rental rates differ markedly. (See Tables IV and IX).

It was recommended that the Fall Term 1970 report of student housing be accepted. The report appears as Supplement A to these minutes.

Discussion and Recommendation by Committee

During the Committee discussion, Mr. Mosser said that there are a number of things which are likely to reduce the number of freshmen and possibly the number of out-of-state students which historically have been the largest market for dormitory spaces. He suggested that a scientific market study be made to determine what students want in dormitory accommodations and why present dormitories are not attractive to students. He indicated that he believed there were a number of reasons for the drop in dormitory occupancy. He said a survey may reveal the need for some new rules, redesign of facilities, rescheduling of the occupancy of facilities, installing new types of accommodations, or making different arrangements with respect to board and room, but that any changes should be based on a scientific market study.

There was additional discussion of some of the changes to improve occupancy which have been tried on an experimental basis. It was indicated that it would be possible to convert some of these spaces to married student housing but that it would be expensive to do so.

The Building Committee recommended that the Board accept the report, with the recommendation that the Board's Office staff bring back a proposal for conducting a market survey of student preferences in living quarters, including the possible use of outside resources. It was also recommended that the proposed survey be undertaken first at the University of Oregon where the largest drop in dormitory occupancy has occurred, with the understanding that the survey could be expanded to include other institutions if it appeared to provide valuable information.

Board Discussion and Action

The Board approved the recommendations as presented. It was indicated that the market survey would be discussed later. In the Board discussion, Mr. Holmer said that projected dormitory earnings are expected to be 117 percent of the required earnings if the present trends continue.
Report of Allocations for Physical Plant Rehabilitation and Minor Capital Outlay

Pursuant to authority granted by the Board on December 8, 1970, the Chancellor has made the following allocations from the Board’s reserve for physical plant rehabilitation and minor capital outlay for some of the most critical needs during 1970-71:

**Eastern Oregon College**

(a) Replacement of lecture hall seating in the Science Building $4,000

(b) Resurfacing of outdoor gymnasium area for Ackerman Laboratory School 5,500

Subtotal for Eastern Oregon College $9,500

**Oregon College of Education**

(a) Alterations within Campus Elementary School, including fire sprinkling system in selected areas $15,000

Subtotal for Oregon College of Education $15,000

**Oregon State University**

(a) Remodeling of old Forestry Building (architectural planning only) $4,000

(b) Construction of bicycle path and campus walk improvements 10,500

(c) Installation of fire sprinklers within Gilbert Hall 15,000

(d) Installation of fire sprinklers within office portion of McAlexander Field House (old Armory Building) 5,000

(e) Design of campus fire alarm system 3,000

Subtotal for Oregon State University $37,500

**Southern Oregon College**

(a) Installation of temperature controls in Room 359A of Science Building $5,500

(b) Campus lighting improvements 7,000*

(c) Installation of irrigation water filter 6,000*

Subtotal for Southern Oregon College $18,500

*Portion of cost; remainder to be financed from auxiliary enterprises.
University of Oregon

(a) Installation of fire sprinkler system in Music Building $13,000

(b) Replacement of water service to southwest portion of campus 6,000

(c) Improvement of electrical service within Johnson and Emerald Halls 6,000

Subtotal for University of Oregon $25,000

University of Oregon Dental School

(a) Alterations to Rooms 415 and 416 for Departments of Physiology, Biochemistry and Pharmacology $13,500

(b) Alterations within Oral Diagnosis Patient examination area 3,000

Subtotal for UO Dental School $16,500

University of Oregon Medical School

(a) Expansion of electric panel in MacKenzie Hall $4,750

(b) Construction of transfer slab to roadway viaduct west of Library Building 9,600

Subtotal for UO Medical School $14,350

Portland State University

(a) Reroofing northwest and southeast units of Cramer Hall $6,974

(b) Replacement of stair treads in South Park and Cramer Halls 15,000

Subtotal for Portland State University $21,974

Oregon Technical Institute

(a) Rehabilitation of hot water well No. 6 $20,000

(b) Relocation of dynamometers 3,466

Subtotal for Oregon Technical Institute $23,466

Total $181,790

Board Discussion and Action

The Board accepted the report as presented.
<table>
<thead>
<tr>
<th>I. Board's Unappropriated Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance reported as of December 8, 1970</td>
</tr>
<tr>
<td>Add: Adjustment of amount allocated for over-realized enrollment (reduced from $280,000 to $279,844)</td>
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<tr>
<td>Less: Docket item to meet increased fuel costs at Oregon State University</td>
</tr>
<tr>
<td>Balance estimated as of January 25, 1971, if the above item is approved</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II. Board's Reserve for Plant Rehabilitation Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance reported as of December 8, 1970</td>
</tr>
<tr>
<td>Less: Docket item for a portion of the cost of restoration of the Men's Physical Education Building, University of Oregon</td>
</tr>
<tr>
<td>Rehabilitation projects approved by the Chancellor and reported to the Board on January 25, 1971</td>
</tr>
<tr>
<td>Balance estimated as of January 25, 1971, if the above projects are approved</td>
</tr>
</tbody>
</table>

Board Discussion and Action

The Board accepted the report as presented.
Delegation of Claims Pre-Audit to Institutional Business Offices; Establishment of Controller's Internal Audit Staff

(Considered by Finance Committee, January 5, 1971.)

Information Presented to Finance Committee

Effective February 1, it was recommended that each institutional executive and statewide public service director be authorized to designate one or more qualified personnel to audit and approve invoices for payment.

Under existing Board policy, representative of the Controller's Office located at each institution audit claims submitted by the institution for payment. Following approval by the Controller's Office representative, the claim is entered into the Controller's records and payment is made to the vendor. This process involves a degree of duplication of effort, since a business office will not refer an invoice for audit and payment until it is assured that payment is in order.

The Administrative Code in Section D-1B (new Administrative Rule 60.120 - Unified Fiscal Procedure) authorizes the Controller "to make minor adjustments or improvements as he deems necessary, with any major changes in the organization or procedures to be submitted through the Chancellor to the Finance Committee of the Board for its review and approval." Inasmuch as the delegation of claim approval to the institutions would be a major shift in responsibility, it is brought to the Committee for its review and approval.

The cost of the Controller's Office representatives at the institutions (excluding operation of the IBM terminals) is approximately $92,000 per year. Estimating that approximately half of the cost of these offices duplicates expenditures by the institutions, it was proposed that $19,800 be transferred from the Controller's Office budget to the budgets of the business offices in the institutions. Concurrently, it is proposed to utilize the remainder of the funds to establish an internal audit staff in the Controller's Office. A parallel transfer of $14,456 for IBM terminal operation costs was also recommended.

The proposed internal audit staff would be charged with reviewing accounting and related business practices of the institutions to ascertain compliance with statutory and other requirements. The establishment of such an internal staff has long been urged by the State Auditor as a means of improving accounting practice and reducing the costs of the external audit.

The internal accounting audit is not to be confused with the Management Audit Unit, which reports directly to the Vice Chancellor for Administration. The Management Audit Unit is charged with review and improvement of internal organization, staffing, and nonaccounting procedures.
A formal amendment of the Administrative Rules does not appear to be required. Two actions were recommended to the Committee:

1. Approval of the following statement, as required by AC D-18 (AR 60.120):

"The Controller, in the establishment of procedures to assure that Board of Higher Education funds are paid out only for lawful purposes and in accord with Board policies, may authorize institution personnel to approve vouchers for the disbursement of monies under the custody of the Board of Higher Education."

2. Recommendation for Board approval of budget reallocations:

(a) Reimbursing institutions for a part of the costs of assuming responsibility for invoice pre-audit and associated data processing (not to exceed $35,000 in 1970-71).

(b) Establishing an internal audit unit in the Comptroller's Office.

Discussion and Recommendation by Committee

In response to questions during the Committee discussion, it was indicated that the amounts stated in the report were believed to be adequate to cover costs for the period covered. It was indicated, however, that at a later date it may be necessary to expand beyond the initial program and that the costs would then be greater. It was stated that the distribution of funds was not on a proportionate basis, but varied among the individual institutions, depending on the circumstances at particular institutions as they exist at the present time. Institutional representatives stated that institutional control of the terminals was satisfactory.

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

Board Discussion and Action

The Board approved the recommendation as presented.

Information Presented to Finance Committee

To finance Eastern Oregon College project, "College Center Building," it will be necessary to sell State of Oregon, State Board of Higher Education Building Bonds, Series 1971 A, with a total par value of $2,500,000. Authorization to construct this project was granted in June 1970 by the State Emergency Board. Bids for the construction of this project are expected to be opened in February 1971. Total estimated project cost is $2,520,000. The design development phase of
planning for the facility was presented to the Board at the June 9, 1970, meeting and authorization was obtained to proceed with the construction document phase and take necessary action to commence construction.

The Board has received reservation of federal funds consisting of an annual debt service grant covering this project, with maximum federal participation on a loan amount of $1,980,000. The grant, estimated at $30,000-35,000 annually, is intended to support the differences in actual interest cost of the bond issue which finances the project and 3 percent, during the period from initial occupancy until final maturity of the bonds.

The Board is authorized by the Oregon Statutes to sell general obligation bonds of the State of Oregon to a maximum principal amount of $75,000,000 outstanding at any one time. As of July 1, 1970, bonds outstanding were $66,345,000, or $8,655,000 below the maximum limitation established by law.

The essential features of the proposed bond issue will include the following elements:

1. Bonds will be general obligations secured by the full faith and credit of the State of Oregon, pursuant to Article XI-F(1), of the Constitution.

2. The project is expected to be self-liquidating and self-supporting. Revenues to pay the debt service will be provided from four sources: Eastern Oregon College residence hall operations; student building fees; the debt service grant from the federal government, and interest income.

3. Bonds are to be sold for not less than par and callable after ten years. First maturity will be on the third anniversary of the bonds.

Other State of Oregon bond issues, totaling about $75,000,000 were sold on January 5, 1971, with an effective interest rate of 4.79 and 4.89. It is the customary practice of the State Treasurer to allow approximately 90 days between sales of bond issues. The expected date of sale of the proposed Higher Education bond issue would be April 6, 1971.

Discussion and Recommendation by Committee

At the meeting on January 5, 1971, the Finance and Business Affairs Committee referred the issue to the Board with the request that the Board's staff provide alternative bond resolutions one on the basis of a 30-year issue, as is customary, and one with a shorter total maturity. The Investment Manager of the State Treasurer's Office advised on January 8, 1971, that, based upon the current market situation, a 30-year issue would probably have an effective rate of interest of about 5.15 percent and that the 20-year issue would have an effective interest rate of about 4.85 percent. A comparison of essential factors for the alternatives follows:
It should be noted that the difference in the estimated net average annual debt service cost after deduction for the federal debt service grant is $41,000 more on a 20-year than on a 30-year issue. The increased debt service under the shorter term reduces the Board's capability to finance other similar projects by approximately $650,000 during the 20-year period. In terms of charges to students, recognizing that the facility is about 76 percent student center and 24 percent dormitory food services for debt service purposes, the student building fee would need to be about 80 cents per student per year higher for all students in the System and the dormitory charges about $22 per student per year higher for Eastern Oregon College residence hall students on the 20-year issue than would be necessary under the 30-year alternative.

Board Discussion and Action

During the Board discussion, Mr. Holmer said that the estimated net average annual debt service would be approximately $180,000 for a 20-year issue and $139,000 for a 30-year issue, if the anticipated debt service grant is received from the Department of Housing and Urban Development.

In recognition of this and also the fact that the building probably will be used for 30 or more years, it was recommended that the Board approve the resolution for a 30-year bond issue.
In discussing the alternative maturity periods in response to a question from Mr. Stewart, it was pointed out that it was necessary to consider what the 20-year issue would mean in terms of depleting auxiliary fee balances.

Mr. Holmer indicated that the 20-year issue would reduce the capability to finance similar projects by approximately $650,000 during the 20-year period. It would also be necessary to increase the student building fee by about 80 cents per year for all students in the State System and residence hall students at Eastern Oregon College would be required to pay approximately $22 more per year under the 20-year issue.

Mr. Hunderup said that on the basis of trying to keep current charges to students at the lowest possible level and recognizing that the life of the building would be substantially longer than 30 years, it would be in the best interests of the State Board of Higher Education and the students to approve the 30-year term rather than the 20-year term for the bonds. The 20-year period would impose a larger portion of the cost on the present students than would the 30-year issue.

The Board approved the recommendation to issue bonds on the basis of a 30-year bond maturity.

**Resolution re $2,500,000 Building Bonds, Series 1971 A, Article XI-F(1)**

Information Presented to Board on January 25, 1971

In order to finance self-liquidating and self-supporting capital outlays, it will be necessary to sell State of Oregon, State Board of Higher Education Building Bonds, Series 1971 A, with a total par value of $2,500,000. Authorization for the sale was granted by the 1969 Legislature. The proceeds from the bonds will be applied toward financing various capital outlay projects and land purchases, including the construction of a college center building at Eastern Oregon College, pursuant to legislative action and in conformity with Article XI-F(1) of the Oregon Constitution.

It was recommended that the Board authorize the sale of said Series 1971 A bond issue by approving the following resolution by roll call vote.
$2,500,000 STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1971 A

RESOLUTION

WHEREAS, THE STATE BOARD OF HIGHER EDUCATION deems it necessary, pursuant to law, including Article XI-F(1) of the Constitution of the State of Oregon, Chapter 664, Oregon Laws 1969, and applicable provisions of ORS Chapter 351, to sell general obligation STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1971 A, of the State of Oregon, in the principal amount of $2,500,000 to provide funds to plan, construct, alter, repair, furnish and equip buildings and other structures for higher education, to purchase and improve sites therefor, and for payment of costs incident to the sale and issuance of the bonds; and

WHEREAS, THE BOARD, as required by ORS 351.160, has determined conservatively that said buildings and other structures will be wholly self-liquidating and self-supporting from revenues to accrue from the operation thereof and from gifts, grants, or building fees, and from unobligated revenues of higher education buildings or projects of like character; and

WHEREAS, THE BOARD is authorized and directed by ORS 351.170 to establish such rates, charges, and fees for use of such buildings, structures or projects, including revenue-producing buildings and structures already constructed, as, in the judgment of the Board, shall provide the required revenues to make the new buildings, structures or projects self-liquidating and self-supporting, and as shall provide the funds with which to amortize the principal of and pay the interest on bonds issued to finance such buildings, structures or projects; now, therefore,

BE IT RESOLVED BY THE STATE BOARD OF HIGHER EDUCATION OF THE STATE OF OREGON that, with the approval of the State Treasurer of the State of Oregon, TWO MILLION FIVE HUNDRED THOUSAND DOLLARS ($2,500,000) par value of bonds, authorized by law, including Article XI-F(1) of the Constitution of the State of Oregon, Chapter 664, Oregon Laws 1969, and applicable provisions of ORS Chapter 351, be issued and sold; and

BE IT FURTHER RESOLVED that the said bonds totaling TWO MILLION FIVE HUNDRED THOUSAND DOLLARS ($2,500,000) par value be issued and the proceeds from the sale of these STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1971 A, be used to plan, construct, alter, repair, furnish and equip buildings and other structures for higher education, to purchase and improve sites therefor, and for payment of costs incident to the sale and issuance of the bonds, as provided by law, including Article XI-F(1) of the Constitution of the State of Oregon, Chapter 664, Oregon Laws 1969, and applicable provisions of ORS Chapter 351; and
BE IT FURTHER RESOLVED that the principal of and the interest on all of the bonds issued pursuant to this resolution be paid on the due dates thereof at the Fiscal Agency of the State of Oregon, in the City and State of New York, and that the said bonds be designated STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1971 A, and be numbered consecutively; and

BE IT FURTHER RESOLVED that the said bonds be dated April 15, 1971, and be issued in denominations of $5,000 each, to mature upon the dates and in the principal installments hereinafter in this resolution set forth, subject to redemption in regular numerical order at par value and accrued interest on any interest-paying day or days on and after April 15, 1981, from the moneys and revenues indicated by law, including Article XI-F(1) of the Constitution of the State of Oregon, Chapter 664, Oregon Laws 1969, and applicable provisions of ORS Chapter 351, or through refunding; and

BE IT FURTHER RESOLVED that the maturity dates and principal installments of said bonds be as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>April 15, 1974</td>
<td>$40,000</td>
</tr>
<tr>
<td>April 15, 1975</td>
<td>45,000</td>
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<tr>
<td>April 15, 1976</td>
<td>45,000</td>
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<td>April 15, 1978</td>
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<td>April 15, 1983</td>
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<tr>
<td>April 15, 2000</td>
<td>155,000</td>
</tr>
<tr>
<td>April 15, 2001</td>
<td>160,000</td>
</tr>
</tbody>
</table>

BE IT FURTHER RESOLVED that the State Board of Higher Education furnish to the original purchaser of said bonds, without cost to him, the written opinion of accredited bond attorneys certifying to the validity and legality of the said bonds; and

BE IT FURTHER RESOLVED that the said bonds be the direct general obligations of the State of Oregon, and that, except as to variations of interest rates and maturities, they be of uniform tenor and be in substantially the following form, prepared by the Attorney General of the State of Oregon:
KNOW ALL MEN BY THESE PRESENTS, that the STATE OF OREGON acknowledges itself to owe and for value received hereby promises to pay to bearer the principal sum of

$5,000

on the fifteenth day of April, 19__, with interest on said sum from the date hereof until paid, at the rate of

PERCENT (%) per annum, payable semiannually on the fifteenth day of April and the fifteenth day of October in each year, as evidenced by, and upon the presentation and surrender of, the interest coupons hereto annexed as they severally become due. Both the principal of and the interest on this bond are payable at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America.

The bonds of the issue of which this bond forms a part, maturing on and after April 15, 1982, may be redeemed at the option of the State of Oregon, on and after April 15, 1981, at par and accrued interest, on any interest-paying day or days in regular numerical order or in the entire amount of the issue outstanding at call date, upon notice given by the Treasurer of the State of Oregon at least thirty (30) days prior to the redemption date specified therein, by publication thereof in one issue of a newspaper or financial journal of general circulation printed and published within the City and State of New York, and one issue of a newspaper of general circulation printed and published within the City of Salem, Oregon. From the date of redemption designated in any such notice, interest on the bonds so called for redemption shall cease.

This bond is issued by the State of Oregon in conformance to its Constitution and under and by virtue of and in all respects in full and strict compliance with its laws, and in particular Article XI-F(1) of the Oregon Constitution, Chapter 664, Oregon Laws 1969, and applicable provisions of ORS Chapter 351, for the purpose of financing the cost to plan, construct, alter, repair, furnish and equip buildings and other structures for higher education, to purchase and improve sites therefor, and for payment of costs incident to the sale and issuance of the bonds.

The faith and credit of the State of Oregon hereby are irrevocably pledged to the punctual payment of the interest on and the principal of this bond as the same become due and payable respectively.
IN TESTIMONY WHEREOF, the STATE OF OREGON has caused this bond to be signed by the Governor and by the Secretary of State with their facsimile signatures, and by the State Treasurer, and sealed with the seal of the State of Oregon, and has caused the annexed interest coupons to be executed with the facsimile signatures of its said officers, all as of the fifteenth day of April, 1971.

Governor

(SEAL)

Secretary of State

State Treasurer
FORM OF COUPON

(For coupons maturing on October 15, 1971, up to and including April 15, 1981)

No._______ On the fifteenth day of October, 1971, THE
STATE OF OREGON will pay the bearer

$_______ DOLLARS

at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America, for six months' interest then due on State of Oregon, State Board of Higher Education Building Bond, Series 1971 A, No.______.

(facsimile) (facsimile) (facsimile)
State Treasurer Secretary of State Governor
No.______ On the fifteenth day of October, 1981, unless the bond hereinafter designated shall have been called for previous redemption and due provision made for the payment thereof, THE STATE OF OREGON will pay the bearer

$________ DOLLARS

at the Fiscal Agency of the State of Oregon, in the City and State of New York, in any coin or currency which, at the time of payment, is legal tender for the payment of public and private debts within the United States of America, for six months' interest then due on State of Oregon, State Board of Higher Education Building Bond, Series 1971 A, No.______.

(facsimile) (facsimile) (facsimile)
State Treasurer Secretary of State Governor

The foregoing bond and coupon forms hereby are approved as to legal form this day of January, 1971.

LEE JOHNSON, Attorney General of the State of Oregon

BE IT FURTHER RESOLVED that, as provided by ORS 351.430, the Secretary of the State Board of Higher Education be and he hereby is authorized to advertise the said STATE OF OREGON, STATE BOARD OF HIGHER EDUCATION BUILDING BONDS, SERIES 1971 A, for public sale thereof on or about April 6, 1971, at a price of not less than $100 for each $100 par value thereof, and the accrued interest thereon, and the notice of sale to specify that the Board reserves the right to reject any or all bids for the bonds; and

BE IT FURTHER RESOLVED that the Secretary and Vice Chancellor for Administration of the State Board of Higher Education be authorized to effect the necessary arrangements to deliver the bonds and to receive payment therefor.
Meeting #392- 69

January 25, 1971

Board Discussion and Action

Upon motion by Director Mosser, the resolution was duly adopted as read with the following voting in favor of adoption: Directors Corey, Joss, Mosser, Snider, Stewart, and Layman. Mr. Holmes was absent from the room at the time of the roll call vote.

Those voting no: None.

The President of the Board thereupon declared said resolution duly adopted by a unanimous vote of those present. Mr. Holloway and Mrs. Johnson were absent from the meeting.

Investing of Board of Higher Education Funds

(Considered by Finance Committee, January 5, 1971.)

Report Presented to Finance Committee, January 5, 1971

Mr. H. A. Bork, Consultant in the Board's Office of Administration, presented the following report to the Finance Committee.

An amendment to the State Constitution approved by voters on November 3, 1970, makes it possible for the legislature to authorize the Board to invest donated or bequeathed moneys in corporate stock. Implementing statutory authorization is to be sought of the 1971 Legislature. Major factors relating to the investing of donated or bequeathed moneys for the Endowment Fund, and also for other funds of the Board, are to be discussed at the Finance Committee meeting on January 5, 1971, as follows:

A. Identification of Funds and Book Values of Securities on June 30, 1970, to the Closest $100,000

1. Endowment Fund including Temporary Endowment Fund. Moneys are received from gifts and bequests. The principal of permanent Endowment Fund accounts is to be invested, and retained intact; while the income is to be used pursuant to the terms of the gift or bequest, chiefly for operating purposes. Most of the principal moneys are pooled for investment purposes while a minor amount is invested on a non-pooled basis.

Moneys of Temporary Endowment Fund accounts, although invested temporarily, may be expended for operating purposes as is income from the investments.

Securities investments, approximately $ 9,200,000

2. Current Donation Fund. Moneys are received from bequests and donations for designated purposes, chiefly for operating purposes. Most of the total amount of moneys in the various accounts is invested
in short-term securities on a pooled basis and the interest income is similarly expended for the appropriate purposes. Securities investments, approximately $1,800,000

3. Bond Sinking Fund. For Article XI-F(1) bonds moneys are received chiefly from net operating income of auxiliary enterprises projects, student building fees, and interest income from the investments. Said moneys are used to pay interest on outstanding bonds issued by the Board and to retire bonds. The balance in the XI-F(1) Sinking Fund is to be sufficient to meet at least the debt service for two succeeding years.

Securities investments:

Article XI-F(1) bonds for auxiliary enterprise projects, approximately $11,200,000

Article XI-G bonds for educational and general projects, approximately $1,100,000

For Article XI-G bonds, related to educational and general projects, moneys are received from interest income on investments.

4. Bond Building Fund. Moneys are received from proceeds of sale of bonds and are to be applied to finance the cost of buildings and other related capital outlays. Moneys are temporarily invested pending disbursement thereof for capital outlay purposes, and interest income transferred to the Bond Sinking Fund.

Securities investments:

Article XI-F(1) bonds for auxiliary enterprise projects, approximately $13,000,000

Article XI-G bonds for educational and general projects, approximately $23,600,000

B. Securities Purchased as Investments of Different Funds

1. Endowment Fund and Temporary Endowment Fund. Obligations of corporations with "A" or higher rating of Moody's, or equivalent of Standard & Poor's, Canadian governmentals payable in United States funds, U. S. or agencies thereof, CD's or Oregon banks and mortgages. Real property may also be purchased.
Stocks now held for the Endowment Fund were donated or bequeathed, and none was bought by the Board. (Ballot Measure No. 4, however, approved by voters on November 3, 1970, provides the opportunity to authorize the purchase of stocks of companies, associations, or corporations.)


3. Bond Sinking Fund. Obligations issued or guaranteed by the United States or by the State of Oregon.


C. Investing Authority

1. Board of Higher Education. Has sole control over investments involving:

   Endowment Fund including Temporary Endowment Fund
   Current Donation Fund
   Bond Sinking Fund

   The Board, with the approval of the State Treasurer, may invest moneys in the Bond Building Fund.

2. Oregon Investment Council. Investing by the Board of the Bond Building Fund is subject to approval of the State Treasurer who by law is the investment officer of the Council. (Council has responsibility for investing all funds of the state except as otherwise provided for by law.)

D. Oregon Investment Council Organization, Policies and Procedures Relating to Investments

1. Council of five members; two appointed by the Public Employees' Retirement Board, two by the Governor, and the other is the State Treasurer.

2. General objective of investments is to make the moneys as productive as possible pursuant to the "prudent man" rule. Investments are those which men of prudence, discretion and intelligence would make with their own funds considering the probable income as well as the probable safety of their capital.

3. Investment policies. Investments made in dollar obligations, generally separately for each fund, on a non-pooled basis.

   For the Public Employees' Retirement Fund and the Industrial Accident Fund though, 10 percent of each may be invested in common stock, on a pooled basis.
4. Investment officer.

5. Authorization to contract for performance of investment officer functions.

6. Functions relating to common stock investment may be performed only by qualified persons contracted with by the Council.

E. State Board of Higher Education Organization, Policies and Procedures Relating to Investments

1. Committee on Finance and Business Affairs.

2. Policies have been established relating to different classes of obligations which may be purchased for different funds, meeting the objectives of each fund, and of each account in the Endowment Fund. Prudent man rule followed.


4. If acceptable to an executor or trustee, paid counselors develop stock portfolios for Endowment Fund accounts before securities are transferred to the Board. Said counselors also currently evaluate stockholdings and provide limited advice in connection therewith.

F. Suggested Discussion Items for Endowment Fund

1. Ought the objective of investing of the Endowment Fund be to make moneys as productive as possible, considering the probable safety of capital, and pursuant to the "prudent man" rule?

Ought recognition be given to the need not only to realize satisfactory investment income to meet near-term expenditure requirements (such as scholarships, fellowships, research, etc.), but also for a long-term increasing rate of return on original capital?

Comment: With continuing increase in the consumer price index, the investment program might be such as to seek to protect purchasing power of endowment income.

2. Ought legislative authorization be sought in 1971 to implement Ballot Measure No. 4, which would empower the Board to purchase stock pursuant to the "prudent man" rule in any company, association or corporation from donations or bequests made to the Board or institutions under its control?
3. Ought the Finance Committee be primarily responsible for:
   A. Establishing investment policies, and
   B. The development of an investing organization or selecting an independent professional organization, and
   C. Judging effectiveness of the investing organization?

4. Ought moneys of endowment accounts be pooled as at present for investment purposes, unless the terms of a gift or bequest were such as to make pooling inadvisable or where pooling is prohibited?

5. Ought pooled Endowment Fund moneys be invested in a balanced portfolio of corporate stocks and dollar obligations, generally in the range of 60-40 percent for each, with most of the stock investment being in "growth companies?"

Comment: Dividend income from currently purchased stocks included in the Dow Jones Industrial Average, consisting of both so-called "growth" and other stocks, provides a yield on the purchase price ranging from 3-4% per year; while the yield on currently purchased "growth" stocks will be lower. Currently purchased bonds will provide current interest income in the range of 6.5 to 8.5 percent per year, depending largely upon maturity and quality. Probably less than 50 percent of the net earnings on common stocks of "growth" corporations are currently paid to stockholders as dividends, and it follows that the undistributed corporate net earnings in effect increase the corporate capital investment with the expectation that there will be a continuing increase in its future net income and thus correspondingly there will be increases in dividends to stockholders.

For nonpooled moneys, investments will be made pursuant to the restrictions contained in the terms of a gift or bequest for the particular account involved.

6. What policy is to be followed on behalf of the Board, and by whom, in evaluating corporate management recommendations to stockholders?

Comment: Stock now held in about 150 corporations. At present, the Consultant votes stock on behalf of the Board, and in the absence of convincing evidence to the contrary he votes as management recommends.

7. Ought a policy be established charging all or part of the costs of investment services and general administrative services against the income from endowment investments?

Comment: At present, bank service charges relating to limited stock counseling and negotiable bond holdings are offset against investment income before distribution to endowment accounts; but no charge is made for Board or institutional administrative costs
relating to investment and carrying out the conditions of the gift or bequest. If though a gift or endowment account was established after January 1964 and amounts to $100,000 or more, normally a charge is made for indirect costs; provided though that if the income is for student aid purposes, scholarships, fellowships, or loans, then there is no charge. See Administrative Rules 63.240.

8. Ought a policy be established discouraging the future establishment of separate endowment accounts which are for a relatively small capital amount, such as $10,000 or less, or making a minimum service charge against each account?

9. Ought a percentage upper limit be established of the endowment investment pool which can be invested in either dollar obligations or stock of any one company, such as 5 percent.

Ought a percentage lower limit of the Endowment Pool be established below which money is not to be invested in dollar obligations or stock of any given corporation, such as one-half of one percent?

10. Ought there be review of various policy matters detailed in Managing Educational Endowments, a report to the Ford Foundation by an Advisory Committee on Endowment Management, summarized in Schedule A attached dated December 14, 1970?

Comment: An important suggestion embodied in the report to the Ford Foundation is that the income from the investment of the Endowment Fund include not only interest and dividends, but also a portion of capital gains; but with most of the capital gains to be husbanded for protection against inflation.

Present Board policy is to recognize as current income earnings from interest and dividends, but not capital gains.

The effect of the suggestion made to the Ford Foundation would be to increase near-term income for the Endowment Fund, but to reduce the income in later years.
MANAGING EDUCATIONAL ENDOWMENTS

Report to the Ford Foundation by an Advisory Committee on Endowment Management

The report on Managing Educational Endowments, published by the Ford Foundation in August 1969, was prepared by an advisory Committee whose members included the following:

Robert R. Barker (Chairman)
Partner, William A. M. Burden & Co.

Howard R. Bowen
President, University of Iowa

Kingman Brewster, Jr.
President, Yale University

William L. Cary
Professor, Columbia University School of Law

Gaylord A. Freeman, Jr., Chairman of the Board
The First National Bank of Chicago

J. Parker Hall
Treasurer, University of Chicago

Clark Kerr, Chairman
Carnegie Commission on the Future of Higher Education

James H. Lorie
Professor, Graduate School of Business
University of Chicago

Harrison V. Smith, Senior Vice President
Morgan Guaranty Trust Company of New York

Peter H. Vermilye
Treasurer, State Street Investment Corporation

Observations are made in the report that most educational institutions have applied a special standard of prudence to endowment management which places primary emphasis on avoiding losses and maximizing present income. The publication advises that in the investment in marketable securities the objective should be to obtain a maximum long-term total return, which total return consists of current income from dividends and interest and also appreciation in the market value of the investment portfolio.

The report includes specific suggestions to implement principles and policies relating to endowment management but also recognizes that all of the suggestions might not be appropriate for every college and university.
The substance of specific suggestions included in the Advisory Committee's report relating to the administration of endowment funds, as noted on pages 37-39 thereof, are as follows:

1. Board of Trustees should accept management of the endowment as one of its major responsibilities. Even if the endowment funds are not large, competent management will result in the growth of the funds and probably encourage additional gifts.

2. With any significant endowment it is better to have an independent investment committee, separate from the Finance Committee, to which is delegated full responsibility for the supervision of the endowment.

3. Investment committee should consist of no more than five or six members, of whom at least three should be Trustees, and one of the latter should be chairman.

4. The investment committee is to define the objective for the endowment and Board approval given thereto. The primary objective should be to maximize the long-term total return on an endowment, which concept emphasizes growth.

5. Portfolio decision making is to be delegated to a professional manager.

6. Professional manager's performance is to be measured in comparison with that of others. At least three years' experience should usually be accumulated before a final evaluation is made of that performance.

7. Endowment accounts that may have to be converted into cash within the foreseeable future, possibly five years, should be invested in prime short-term debt obligations. Responsibility for investment for these accounts should be with the Finance Committee or investment committee of the Board.

8. In the conversion of endowment assets for meeting current operating needs, reliable procedures should be established under which no future commitment is made to spend endowment funds without approval of the investment committee and also of the Trustees and the timeliness of necessary security sales.

9. A financial plan should be adopted which provides for determining a relatively stable annual contribution of moneys from endowment funds to operating funds. Moneys thus provided should not be limited to income from interest and dividends, but also include a portion of capital gains. Most of the future capital gains though should be husbanded for protection against inflation.

10. Conditions relating to endowment accounts should be reviewed to reduce to a minimum the number of accounts considered to be restricted as to the principal, the objective being to reduce the total so classified to the minimum legally required.
11. Effort should be made to remove restrictions from endowment accounts previously established, where possible, and to avoid restrictions in future gifts.

12. When endowment accounts are clearly restricted as to principal, effort should be made to gain acceptance of the idea that for most educational institutions realized capital gains are to be considered as being part of income rather than principal.

Discussion and Recommendation by the Committee

In the discussion following Mr. Bork's presentation, reference was again made to the fact that the amendment to the State Constitution approved by the voters on November 3, 1970, makes it possible for the legislature to authorize the investment in corporate stock of moneys donated or bequeathed for higher education purposes.

Because of the existing statutory prohibitions on such investments, it was pointed out that it is necessary to seek legislative action to implement the provisions of the amendment to the Constitution. Accordingly, the Committee on Finance and Business Affairs, recommended that the Board authorize and direct that legislation be drafted which would:

(1) Authorize the Board to purchase stock pursuant to the "prudent man" rule; and

(2) Authorize the use of the Oregon Investment Council for all or some portions of such investment; and

(3) Establish such legal definitions governing the investment and subsequent liquidation of investment of donated or bequeathed funds as may be essential to discharge of the instructions of the maker of a donation or bequest.

The Committee also requested that the Board's staff present to its next meeting specific recommendations of investment policies, including at least the following topics:

(1) The respective roles of the Board, its committees, and its staff.

(2) A time table for the implementation of the proposed legislation.

(3) The policies to govern investment in corporate stock.

Board Discussion and Action

Mr. Mosser said that discussion of the investment of Board of Higher Education funds would be deferred pending consideration of a proposed legislative bill during the Board's executive session. Following the executive session, Mr. Mosser presented the proposed bill, which follows:
A BILL FOR

AN ACT

Relating to investing of funds or moneys of the State Board of Higher Education; creating new provisions; amending ORS 293.790; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

Section 1. ORS 293.790 is amended to read:

(1) Under authority of section 6, Article XI of the Oregon Constitution, the state, subject to subsection (2) of this section, may hold and dispose of the stock of any company, association or corporation, including stock already received, that is donated or bequeathed and the state, acting by and through the State Board of Higher Education, subject to subsection (2) of this section, may invest and reinvest in the stock of any company, association or corporation, any funds or moneys of the State Board of Higher Education that:

(a) Are or have been donated or bequeathed for higher education purposes; or

(b) Are the proceeds from the disposition of stock that is donated or bequeathed for higher education purposes, including stock already received; or

(c) Are dividends paid with respect to stock that is donated or bequeathed for higher education purposes, including stock already received.

(2) The state, including any of its agencies having control of, or authority to invest and reinvest in, any stock described in subsection (1) of this section, in holding disposing of or investing and reinvesting in such stock, shall be governed by ORS 128.020 to 128.050, notwithstanding the date of acquisition of such stock. Moneys received from the disposition of such stock, including dividends, hereby are appropriated continuously for the purposes of the donation or bequest and of the investments and reinvestments authorized by subsection (1) of this section and by ORS 351.130. However, Except as specifically authorized by law, the state or any of its agencies may not purchase stock.

(3) This section does not apply to investment and reinvestment of moneys in the Public Employes' Retirement Fund and Industrial Accident Fund or to acquisition, retention, management and disposition of investments of those funds as provided in ORS 293.701 to 293.776.
Section 2. The State Board of Higher Education and the Oregon Investment Council may contract for the investment and reinvestment by or through the Council of any funds or moneys of the Board lawfully available and designated from time to time by the Board for investment and reinvestment. Such investment and reinvestment shall be accomplished pursuant to the same standard of judgment and care in investments as is provided in ORS 293.726(1).

Section 3. This Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist and this Act takes effect on its passage.

Mr. Mosser moved that the proposed statute be approved for introduction as a legislative bill in the 1971 Legislature. The Board approved the motion, with the understanding that the term "stock" was intended to include both common and preferred stock.

(Considered by Finance Committee, January 5, 1971.)

Information Presented to Finance Committee

In reviewing the subjects of legislative interest and need, other than appropriations and proposals relating to general organization, it was recommended that authorization be given to seek introduction and enactment of legislation on the following subjects:

1. Investment

   Previously discussed in this docket.

2. Definition of "structures"

   ORS 351.160, in defining objects of expenditure from building fees and revenues from buildings refers to "building and structure." Since this language might not be interpreted to include paving and furbishing of parking lots, it is believed useful to add a subsection to ORS 351.160 stating that the term "structure" includes all improvements to real property.

3. Radio licensing

   The present statutes (ORS 354.010, 354.020 and 354.090) relating to State radio stations refer only to two specifically named stations managed by the Board (KOAC and KTEC). Amending legislation is proposed to include all such stations generally under such management authority.

4. Call for special meetings of Board

   The administrative burden of obtaining written requests of five Board members for Special Board meetings could be eliminated by amending ORS 351.050 to permit special meetings upon the call of the president of the Board or upon the written request of three members of the Board.
Discussion and Recommendation by the Committee

During the Committee discussion on recommended legislation, Mr. Mosser asked if the proposed change in ORS 351.160 definition of "structure" resulted from an actual problem or an anticipated problem. It was indicated that there was an actual present problem at Portland State University and the University of Oregon and the possibility of a question arising at Southern Oregon College in determining whether building fees and revenues from buildings could be used for projects which are not characteristically designated as buildings or structures, such as blacktopping for parking lots.

Mr. Mosser said that XI-G bonds could be retired from building fees and asked whether consideration had been given to increasing these fees and using them for the construction of academic buildings. He said he found it difficult to justify building auxiliary enterprise projects when only a very small portion of the needed academic buildings could be built from funds presently available from student building fees.

The Finance Committee recommended that the Board consider proposing legislation to increase the building fee and that the legislation pertaining to the definition of structures be included with the proposed legislation to increase the building fee.

The Finance Committee recommended that legislation be prepared in connection with radio licensing but that a decision on whether it should be submitted be deferred pending discussion of the topic at the joint meeting with the Board of Education and the Educational Coordinating Council on January 26, 1971.

The Finance Committee recommended also that the Board not approve the introduction of legislation to revise the procedures for calling special meetings of the Board.

Board Discussion and Action

The Board accepted the Finance Committee report as presented but deferred action on the Finance Committee recommendations shown above pending further consideration by the Board.

Tuition and Fee Policy for Year 1971-72

(Considered by Finance Committee, January 5, 1971.)

Information Presented to Finance Committee

In preparation for the establishment of tuition and fees for year 1971-72, the Committee on Finance and Business Affairs considered a series of recommendations developed by the Interinstitutional Fee Committee. As modified by the Board's Committee, the policies proposed were as follows:
1. Tuition at the Colleges, Universities, OTI and DCE (excluding UOMS and UODS - see page 89, following)

   a. Tuition should be related to the budgeted average cost of instruction.

   b. Tuition for nonresident undergraduates should equal the systemwide average estimated cost of undergraduate instruction.

   c. Tuition for resident undergraduates should be not more than 25 percent of the average estimated cost of undergraduate instruction.

   d. Tuition for graduate students should be not more than 20 percent of the average estimated cost of graduate instruction.

   e. With respect to part-time students and those registering for more than a normal number of credit hours, the following principles should apply:

      (1) A normal undergraduate program is defined to consist of 12 to 21 credit hours, inclusive.

      (2) A normal graduate program consists of nine to 16 credit hours.

      (3) Resident undergraduates registered for fewer than 12 credit hours or more than 21 credit hours shall pay for each such hour one-twelfth of the normal tuition charged to resident undergraduates, except that the minimum charge to a part-time resident student shall be two-twelfths of the normal tuition charge.

      (4) Nonresident undergraduates registered for fewer than 12 credit hours or more than 21 credit hours shall pay for each such hour one-twelfth of the normal tuition charged to nonresident undergraduates, except that the minimum charge to a part-time nonresident undergraduate shall be two-twelfths of the normal tuition charge.

      (5) Graduate students registered for fewer than nine or more than 16 credit hours shall pay for each such hour one-ninth of the normal tuition charge to graduate students, except that the minimum charge to a part-time graduate student shall be two-ninths of the normal tuition charge.
f. Adjustments of Division of Continuing Education tuition charges to assure adequacy of DCE revenues.

g. Tuition refunds may be made only to students withdrawing from school or reducing schedules for reasons beyond the control of students.

h. Authorizing the Division of Continuing Education, on an experimental basis in 1971-72, to waive fees for Oregon residents aged 65 and older (except for laboratory materials), provided that no record is maintained and no credit given and that admission is subject to instructor approval.

2. Other academic fees and charges

The following policy statements were recommended:

a. A second application fee shall not be required of a student who re-enters one of the institutions after having taken course work at another institution. (See p. 27 of Fee Book.)

b. For Portland State University students, the Division of Continuing Education is not considered a separate institution for application fee purposes.

c. An application fee surcharge of $10 shall be assessed those applicants for admission whose applications are not received at least 30 days prior to the opening of classes. (The I.F.C. was divided on the necessity for the proposed surcharge.)

d. The late registration fee should apply to part-time students as well as to full-time students.

e. The advance registration deposit ($75) should be optional with each institution.

f. Extend concurrent enrollment privilege to graduate assistants, research assistants or fellows appointed to positions of .15 FTE or more.

g. Increase transcript fee to $2 for the first copy; $1 for subsequent copy. (Later changed to $2 for the first copy; $1 for each additional copy ordered at the same time - see page 90, following.)

h. Institutional officials may waive fines or charges that result from circumstances beyond student control.
3. The incidental fee

After extended discussion of the administration of the incidental fee, the Committee approved a motion by Mr. Mosser referring the subject to the January 25, 1971, or March 9, 1971, meeting of the Board, after study by the Chancellor's Office of the feasibility of (1) separation of the health service costs from other components of the incidental fee, with establishment of a separate health service fee, and (2) authorizing different amounts for the total incidental fee at the several institutions.

If possible, a report on these matters will be made available to the Board immediately prior to the January 25 meeting. (See page 88, following for supplemental report, item 2, on the incidental fee and page 90, following for Board discussion and action on the incidental fee.)

4. Housing and food service charges

Student housing finance has been the subject of intensive and frequent Board attention. Board policy has been prudent, requiring reserves equal to two years' debt service and annual net earnings equal to debt service plus (for 1970-71) 32 percent.

For a variety of reasons, external and internal, net earnings for 1970-71 are not expected to meet the Board's standard (132 percent). However, total earnings are expected to exceed debt service requirements. Those institutions whose earnings will not equal debt service have reserves from prior years or other available resources that will cover the anticipated deficiency. (The Dental School anticipates a net loss before debt service of approximately $1,500 in 1970-71.)

In 1971-72, a somewhat similar circumstance is expected to prevail. Cost increases are estimated at approximately five percent. The Dental School is expected to face a net loss before debt service of $1,840; the Medical School expects a $3,700 loss. In both cases, increased occupancy would reduce the loss. At the other six institutions (Portland State University operates no student housing), the Board's standard will require an estimated $2,867,000 of net earnings. Debt service alone would require $2,027,000.

To meet the debt service and Board standards for earnings, the following increased (multiple occupancy) room and board charges would be required:

<table>
<thead>
<tr>
<th>Institution</th>
<th>1970-71 &quot;Standard&quot; Rate</th>
<th>1971-72 Increase Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Debt Service Only</td>
</tr>
<tr>
<td>EOC</td>
<td>$900</td>
<td>$78</td>
</tr>
<tr>
<td>OTI</td>
<td>900</td>
<td>132</td>
</tr>
<tr>
<td>OCE</td>
<td>825</td>
<td>-</td>
</tr>
<tr>
<td>OSU</td>
<td>900</td>
<td>4</td>
</tr>
<tr>
<td>SOC</td>
<td>882</td>
<td>-</td>
</tr>
<tr>
<td>UO</td>
<td>900</td>
<td>75</td>
</tr>
</tbody>
</table>
Clearly, the increases to reach the Board's standard would be expected to result in further attrition of occupancy rates. Under these circumstances, and as an emergency measure, it was recommended that the Board adopt for 1971-72 only a Systemwide net earnings objective of debt service. In keeping with this policy, it was recommended that the multiple occupancy room rates be increased by $60 per year and that single occupancy be increased by $72 per year except at the University of Oregon, where the increase would be $120. Increases of $36 multiple, and $54 single, are proposed at the Medical and Dental Schools.

Board rate only to be increased from $80 to $90 per month.

For the 1971 summer session, change is proposed in accord with the following schedule:

<table>
<thead>
<tr>
<th>OSU, OTI, OCE, EOC, AND SOC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length of Session</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>11 weeks</td>
</tr>
<tr>
<td>10 weeks</td>
</tr>
<tr>
<td>9 weeks</td>
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<tr>
<td>8 weeks</td>
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<td>7 weeks</td>
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<td>6 weeks</td>
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<td>5 weeks</td>
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<td>4 weeks</td>
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<tr>
<td>3 weeks</td>
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<tr>
<td>2 weeks</td>
</tr>
<tr>
<td>1 week</td>
</tr>
<tr>
<td>Daily</td>
</tr>
</tbody>
</table>

*If linen service is not provided, rates will be slightly less.

For the University of Oregon (U of O):

| **Length of Session** | **Board** | **Room with Linen Service** |
| | 5-day Week | 7-day Week | Multiple | Single |
| 11 weeks | $182.00 | $216.00 | $114.00 | $171.00 |
| 10 weeks | 165.00 | 196.00 | 108.00 | 162.00 |
| 9 weeks | 149.00 | 178.00 | 100.00 | 150.00 |
| 8 weeks | 132.00 | 158.00 | 92.00 | 138.00 |
| 7 weeks | 116.00 | 138.00 | 84.00 | 126.00 |
| 6 weeks | 99.00 | 118.00 | 76.00 | 114.00 |
| 5 weeks | 83.00 | 98.00 | 64.00 | 96.00 |
| 4 weeks | 76.00 | 84.00 | 60.00 | 90.00 |
| 3 weeks | 57.00 | 63.00 | 48.00 | 72.00 |
| 2 weeks | 38.00 | 42.00 | 32.00 | 48.00 |
| 1 week | 19.00 | 21.00 | 16.00 | 24.00 |
| Daily | 4.50 | 4.50 | 3.50 | 5.00 |
5. Other residence hall policies

The following changes were recommended:

a. Room deposit

Add the University of Oregon and Oregon Technical Institute to the institutions (OSU) retaining the $50 deposit until the end of the contract period; increase OTI deposit to $50. Add Eastern Oregon College and Oregon Technical Institute to the institutions (UO; OSU) requiring cancellation of reservation by August 1 to earn $40 refund; setting August 15 for Oregon College of Education and Southern Oregon College.

b. Services

For Oregon College of Education change Saturday and Sunday meals from "3" to "2."

For Oregon College of Education delete change of sheets and pillowcases.

For Southern Oregon College improve hall and bathroom maid service from "yearly" to "daily."

c. Billing and refunding

For prorating charges for students entering after opening day, exceptions, if any, require approval of the institutional administrator.

For students withdrawing from the residence hall but not from the institution, charge $1 per day for the remainder of the school year ("acceptable substitute" is now required).

For graduating seniors leaving institutions where commencement precedes the examination period, board refunds of $2 per day may be made for seniors leaving the campus 10 days before commencement.

6. Cooperatives

At Avery, Dixon, and Azalea Houses and Heckart and Reed Lodges (OSU) an annual increase of $29 was recommended. At Coed and Oxford Cottages (OSU) a $43 increase was recommended.
7. Married student family housing

The following schedule of rental charges was proposed for 1971-72:

<table>
<thead>
<tr>
<th>University of Oregon</th>
<th>Oregon State University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Westmoreland</strong></td>
<td></td>
</tr>
<tr>
<td>One-bedroom</td>
<td>$81.00</td>
</tr>
<tr>
<td>Two-bedroom</td>
<td>$91.00</td>
</tr>
<tr>
<td><strong>Amazon</strong></td>
<td></td>
</tr>
<tr>
<td>Two-bedroom</td>
<td>$47.50</td>
</tr>
<tr>
<td><strong>Eastern Oregon College</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Eocene Court, New Units</strong></td>
<td></td>
</tr>
<tr>
<td>Two-bedroom</td>
<td>$95</td>
</tr>
<tr>
<td><strong>Eocene Court, Old Units</strong></td>
<td></td>
</tr>
<tr>
<td>One-bedroom</td>
<td>$50</td>
</tr>
<tr>
<td>Two-bedroom</td>
<td>60-70</td>
</tr>
</tbody>
</table>

Discussion and Recommendation by the Committee

During the Committee discussion, Mr. James Davis, Chairman of the Interinstitutional Union of Students of the Oregon State System of Higher Education, presented the following proposed amendment to the Administrative Rules. He particularly urged the adoption of Section 1 of the proposal prepared by the Interinstitutional Union of Students.

The Interinstitutional Union of Students of the State System of Higher Education, has requested the opportunity to present the following proposed amendment to the Administrative Rules:

The "incidental fees" collected from students and used for support of Health Service, Athletic Activities, College Union and Educational Activities shall be administered with the following procedures:

(1) The duly organized and recognized student government at each institution shall appoint and delegate student representatives to meet with each institutional executive for the formulation of guidelines and procedures to be followed at that institution in the budgeting and allocation of incidental fee income derived at such institution. The guidelines and procedures shall be reviewed by the State Board of Higher Education to determine whether such guidelines
and procedures for the allocation and disbursement of incidental fee income are necessary or advantageous for the cultural and physical development of the students. In all other aspects, guidelines and procedures formulated by the institutional executive and the student representatives shall be conclusive. (See page 90, following, for Board action related to this paragraph.)

(2) The duly organized and recognized student government at each institution, under the guidelines and procedures adopted pursuant to paragraph (1) shall have the final authority and responsibility to recommend, in the annual operating budget presented to the State Board of Higher Education through the President of each institution, the distribution of student incidental fee income to activities funded in whole or in part by incidental fees.

(3) The executive at each institution shall have the responsibility to:

(a) Review the budget and recommend changes to the student representatives.

(b) Review the budget with respect to compliance with the established guidelines and procedures. In the event that the institutional executive determines that the budget in whole or in part is not consistent with the guidelines and procedures, he shall review that portion of the budget with the student representatives.

(c) Review disbursement with respect to compliance with applicable laws and regulations; and evaluate internal control with respect to safeguarding the incidental fee funds, recommending such amendments to the guidelines and procedures as may be necessary.

(d) Veto any allocations he feels are not in the cultural and physical development of the student.

(e) Reallocate funds to meet contractual obligations but may not renew or extend contracts without the consent of the student representatives.

Mr. Ron Eachus, President of the Associated Students of the University of Oregon, indicated that, in his opinion, student representation had been inadequate on the committees which considered the incidental fee and asked the Board members present to state whether they believed the student representation to be adequate. The Chancellor responded that the question could not be answered with a yes or no because Mr. Eachus and the Board members would have different definitions of the term "adequate." Mr. Joss indicated that student representation was "not inadequate." Mr. Mosser stated that on the subject of incidental fees student involvement was probable adequate because he knew of no issue which had been discussed at greater length by more students over a longer period of time.
The Committee on Finance and Business Affairs recommended Board approval of the modified tuition and fee policies presented above. In addition, pursuant to a suggestion by Mr. Mosser, proposals relating to a market survey to ascertain student preferences in residence hall accommodations, services, and regulations will be developed and presented to the Board for review. The Committee's recommendation on the preceding proposal by the Interinstitutional Union of Students was deferred for further consideration by the Board.

**Supplemental Report Concerning Tuition and Incidental Fees**

Subsequent to the meeting of the Committee on Finance and Business Affairs on January 5, 1971, the Interinstitutional Fee Committee has met to give further consideration to matters discussed by the Committee on Finance. Pursuant to the deliberations of the Fee Committee, the following recommendations (supplementary to those in the Board's docket for January 25, 1971) are made.

1. **Health Service Fee.** That a separate fee be established to fund institutional health services, the fee to be recommended by the institutional executive in an amount sufficient to meet health service costs and to be subject to the approval or modification by the Chancellor and the Board.

2. **"Incidental Fee."** For student union, athletic and educational activities at the colleges and universities, the fee of not less than $15 or more than $25 per term shall be that recommended by the institutional executive, as approved or modified by the Chancellor and the Board. At the University of Oregon Medical School, University of Oregon Dental School, and Oregon Technical Institute, the fee for such activities shall be recommended by the institutional executive and is subject to approval or modification by the Chancellor and the Board.

   The part-time students pay not less than half of the incidental fee, with part-time students enrolled for 7-11 hours paying proportionately increasing amounts according to a schedule recommended by the institution and approved by the Board's Office.

3. **Building Fee.** That the Board seek legislation to increase the building fee to $12, if approved construction warrants the additional fee.

   That part-time students pay not less than one-half the building fee, with part-time students taking more than six hours paying a proportionate additional amount for each additional credit hour to the level of the established fee.

* * * *

It should be noted that differences in health service and incidental fees will result in some differences in total charges. At the colleges and universities the present range of health service cost is now from $7.50 to $11 per term (a $3.50 range). Given an incidental fee of $15 to $25 (a $10 range), the maximum variation can be expected to be less than $14.
For ample reason, the Committee recommended against term differentials in tuition (e.g., problems of course sequence, impact on grant-in-aid funds, impact of postponement of entry on individual students).

* * * * *

The Fee Committee did not propose special tuition levels for foreign (non-U.S.) students. It was recommended, however, that full-time foreign students henceforth be charged the nonresident or graduate tuition fee in effect during the year of their initial registration (not earlier than year 1970-71*) and while pursuing without interruption the degree for which the student initially matriculated.

For example, a present foreign sophomore would pay tuition at the 1970-71 level during the next two years. Should he or she decide to seek a graduate degree, the graduate fee in effect in 1973-74 would apply.

Two foreign students had requested permission to appear before the Board on the subject. They were Mr. Tak Shibata of Southern Oregon College and Mr. Christopher Anukam of Oregon State University.

*The clause pertaining to the effective date of the proposed fee arrangement for foreign students was included for clarification of the policy pursuant to Board discussion.

Board Discussion and Action

Mr. Mosser summarized the recommendations which were set forth in the report of the Committee recommendations and in the supplemental report concerning tuition and incidental fees which was prepared following the Finance Committee meeting on January 5, 1971.

Mr. Mosser then moved that the Board adopt the tuition policy set forth in Item 1 of the original Finance Committee report, entitled, "Tuition at the Colleges, Universities, OTI, and DCE."

In discussing the percentage of the average estimated cost of instruction and operation to be paid by undergraduate students (25%) and graduate students (20%), it was indicated that the percentages represented first a policy to tie the tuition to the cost of instruction and operation and also to limit the amounts that the students pay to those maximums. The cost of instruction and operation represents a system-wide and program-wide average cost, excluding the University of Oregon Medical and Dental Schools. The Board approved an amendment to the motion to clarify the policy statement by revising the title to indicate that it excludes the Medical and Dental Schools. The title would read: "Tuition at the Colleges, Universities, OTI and DCE (excluding University of Oregon Medical and Dental Schools)."

The Board then approved the amended motion to adopt the policy statement as set forth in Item 1 with the revised title.
The Board then approved item 2 of the original Finance Committee report pertaining to other academic fees and charges, with the understanding that the transcript fee of $1 indicated in Subsection g referred to subsequent copies of the transcript ordered at the same time as the first copy.

The Board approved a motion to move the health service fee from the incidental fee to a separate Health Service fee and allow it to fluctuate in amount to meet health service costs at each institution as indicated in item 1 of the supplemental report on tuition and fees.

The Board approved the recommendation set forth as item 2 of the supplemental report pertaining to the incidental fee, with the understanding that the parentheses would be removed in the first paragraph of the recommendation.

Mr. Mosser moved that the Board adopt as Board policy a portion of the statement proposed by the Interinstitutional Union of Students of the Oregon State System of Higher Education. Two modifications were made to the wording in the proposed student amendment to insert the words "and amount" following the word "allocation" and to change the words "shall be reviewed by" to "are subject to approval by." The policy statement as adopted by the Board appears below:

The duly organized and recognized student government at each institution shall appoint and delegate student representatives to meet with each institutional executive for the formulation of guidelines and procedures to be followed at that institution in the budgeting, allocation, and amount of incidental fee income derived at such institution. The guidelines and procedures shall be subject to approval by the State Board of Higher Education.

In clarifying the intent of the policy statement, Mr. Mosser said that it was his understanding that the Board would still regard the institutional executive as the person responsible for the institutional recommendations regarding the incidental fees as well as other recommendations from the institution. He said the policy statement recognizes, however, that students should be involved in campus decisions and specifies that the duly designated representatives of the established student government are to participate in decisions on the basis of formal guidelines.

The Board then approved the housing and food service charges for residence halls, cooperatives and married student housing charges as set forth in items 4 through 7 of the original report to the Finance Committee.

Mr. Mosser indicated that he had requested that the recommendation concerning the building fee, item 3, in the supplemental report be deferred until this fee has been considered in terms of its relationship to the total building program.
The Board approved the recommended tuition policy with respect to foreign students as shown in the supplemental report. Mr. Tak Shibato and Mr. Christopher Anukam, representing the foreign students, indicated their satisfaction with the Board action. Mr. George Angelantonio, a foreign student at the University of Oregon, spoke briefly about the benefits received by the institution as a result of the attendance of students from other countries.

COMMUNICATIONS, PETITIONS & MEMORIALS

Mr. Collins indicated that a communication addressed to the State Board of Higher Education and dated January 22, 1971, had been received from Mrs. Louise H. Weidlich, Chairman of Mothers for Children. He then read the following letter:

R. L. Collins, Secretary
Board of Higher Education
P.O. Box 3175
Eugene, Oregon 97403

Dear Mr. Collins:

This letter is written upon the request of President of the Board, George Layman, in answer to my letter requesting to speak to the Board at its next meeting. The request is in regard to guidelines to be set up for college newspapers, and he suggested that a letter could be read under the regular agenda head of "communications"; therefore I am sending this to you by return mail.

Our concern is in regard to student newspapers in general, but in order to look at the issue objectively, there are several areas of concern, which we feel warrants a thorough study:

I. RESPONSIBILITY

1. Who is really the publisher?
2. How much autonomy does the editor have?
3. Are there adequate guidelines for a college or university newspaper?
4. Who evaluates performance?

II. THERE ARE LEGAL IMPLICATIONS CONNECTED WITH THE PUBLICATION OF A STUDENT PAPER.

1. Some of these legal implications come from some of the above questions.
2. Other legal implications include such questions as: "Can an editor refuse an advertisement on the basis of his personal taste?"
III. FINANCING

1. Is the present method of financing the most equitable?
2. In some cases I understand that the newspaper has moved off campus, and into an independent status. Is this a goal toward which we should be working?

IV. EDUCATIONAL

1. Is each of the college or student newspapers really a part of the journalism program of the institution?

These and other serious questions, indicate the need for a thorough study. One has recently been conducted by the University of Washington. Perhaps that study would be a good place to start.

If there is some way that I can be of help in regard to this item, I would be available for further study.

Sincerely yours,

Louise H. Weidlich

Louise H. Weidlich, Chairman
Mothers for Children

copy
A.M. Tewksbury
Oliver Larsen
Earl Morgaard

Mr. Layman indicated that Mrs. Weidlich had requested an opportunity to appear before the Board on January 25, but that in view of the fact that the agenda for the meeting had already been prepared, he had requested her to direct her remarks to Mr. Collins for inclusion in the communications portion of the agenda. He referred the letter to the Chancellor’s Office for further study and possible reference to the Committee on Academic Affairs. Mr. Joss indicated that he would be interested in seeing any study of college publications if any have been made.

Mr. Mosser said that in connection with setting dormitory charges the Committee on Finance had recommended a market survey. He moved that the Committee on Finance be authorized to contract for such a study at a cost not exceeding $6,000, with the understanding that all elements of the university community, including students that are involved, will be a part of the process of getting the questionnaire out. It is expected that an outside professional organization will conduct the survey. The Board approved the motion.

President Layman announced that the next Board Committee meetings would be held on February 15-16, 1971, at Portland State University.

The next regular Board meeting is scheduled for March 9, 1971, on the campus of Oregon State University.

President Layman also called attention to the joint meeting of the State Board of Education, the Educational Coordinating Council, and the State Board of Higher Education on January 26, 1971.
Mr. Stewart raised the question of the academic qualifications for student body officers. He said that the recent question as to the academic status of the student body president at the University of Oregon was of concern to citizens throughout the state. He said that there are academic qualifications established for students who compete in athletics and said that there also should be qualifications for student body officers. He asked that the three presidents review the matter of qualifications for student body officers and prepare a recommendation so that those who hold office will be bona fide students meeting certain established standards.

President Clark said that the student body president at the University of Oregon last year had been disqualified on the basis of standards established by the faculty and the president several years ago. These standards prescribed that a student must be a genuine student making substantial progress toward his degree and this is defined as twelve hours for undergraduate students and nine hours for graduate students. Further, these standards require that the student must have completed that course of study in the previous term to continue in his office.

President Clark then explained that three years ago there was some review and challenging of these faculty standards together with the desire to delegate the responsibility to students. In that process, there was no faculty action but delegation by the president with a memorandum to the faculty saying that any delegation that prescribes standards for eligibility must conform to standards that have been or may be established by the faculty. This memorandum was read to the faculty and interpreted and accepted in that fashion. However, in the course of the transcription, a clerical error occurred and the words "have been" were omitted from the administrative manual. At the same time students were delegated in general language the responsibility for setting their own standards for continuance in office which they proceeded to do. The standards established by the students provided that the student must be enrolled for six hours of work if he is a graduate student during any one of the terms in which he holds office. The standards said nothing about satisfactory completion of the work but simply that he must be enrolled. Both the faculty and the student legislation were published in the student handbook which is designated as the authoritative source of student regulations on the campus. Appeals concerning the status of a student are to be made to the student administrative board.

President Clark indicated that this clerical error is now being corrected so that the regulation will get back to the fundamental document before it was rewritten. With respect to the qualifications for Mr. Eachus to remain in office as student body president at the University of Oregon, there was a situation in which the students were acting in what they believed to be good faith and within the responsibility they understood was assigned to them. President Clark said that Mr. Eachus is a student in good standing although he did not do well because of his absences during fall term. He was gone for a period of three or four weeks, part of which was during the vacation period. However, within the standards now in effect he did complete seven hours of work in the fall term.
It was recommended that the following personnel adjustments and appointments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1970-71 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective January 1, 1971. The Board approved the recommendation as presented.

<table>
<thead>
<tr>
<th>Oregon State University</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Martin J. Zimmerman, Associate Professor, Extension Staff Chairman, Sherman County</td>
<td></td>
</tr>
<tr>
<td>Oregon State University</td>
<td></td>
</tr>
<tr>
<td>Mr. J. R. Cox, Professor, Federal Cooperative Extension</td>
<td></td>
</tr>
<tr>
<td>Dr. Floyd E. Bolton, Assistant Professor</td>
<td></td>
</tr>
<tr>
<td>University of Oregon</td>
<td></td>
</tr>
<tr>
<td>Dr. Avard C. Long, Assistant Director, Student Health Service; Associate University Physician, with rank of Professor</td>
<td></td>
</tr>
<tr>
<td>Mr. Larry Large, Assistant Dean of Students, with rank of Assistant Professor</td>
<td></td>
</tr>
<tr>
<td>University of Oregon Medical School</td>
<td></td>
</tr>
<tr>
<td>Dr. Bruce Buck, Instructor in Surgery</td>
<td></td>
</tr>
<tr>
<td>Dr. John A. Black, Assistant Professor of Biochemistry</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Budgeted Name, Rank, and/or Title, Department</th>
<th>No. of Months</th>
<th>Present Service Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Martin J. Zimmerman, Associate Professor, Extension Staff Chairman, Sherman County</td>
<td>12</td>
<td>$12,588</td>
<td>$13,244 Budget</td>
<td>Transfer to Extension Staff Chairman in Gilliam County with added responsibilities.</td>
</tr>
<tr>
<td>Mr. J. R. Cox, Professor, Federal Cooperative Extension</td>
<td>12</td>
<td>24,480</td>
<td>25,956 Budget</td>
<td>Temporary increase effective November 1, 1970, through February 28, 1971, for extra meritorious service as Acting Director, Cooperative Extension Service.</td>
</tr>
<tr>
<td>Dr. Floyd E. Bolton, Assistant Professor</td>
<td>12</td>
<td>17,586</td>
<td>21,485 Grant</td>
<td>Increased responsibilities in connection with new assignment overseas under a Rockefeller Foundation Grant; effective October 15, 1970.</td>
</tr>
<tr>
<td>Dr. Avard C. Long, Assistant Director, Student Health Service; Associate University Physician, with rank of Professor</td>
<td>9-12</td>
<td>20,000</td>
<td>25,000 Budget</td>
<td>Designation as Director of the Health Service, with rank of Professor; effective December 1, 1970.</td>
</tr>
<tr>
<td>Mr. Larry Large, Assistant Dean of Students, with rank of Assistant Professor</td>
<td>12</td>
<td>12,992</td>
<td>14,500 Budget</td>
<td>Advance in rank to Associate Dean of Students, with rank of Assistant Professor; increased responsibilities; 75 percent time; effective October 1, 1970.</td>
</tr>
<tr>
<td>Dr. Bruce Buck, Instructor in Surgery</td>
<td>12</td>
<td>20,000</td>
<td>24,000 Budget</td>
<td>Advance in rank to Assistant Professor.</td>
</tr>
<tr>
<td>Dr. John A. Black, Assistant Professor of Biochemistry</td>
<td>12</td>
<td>14,500</td>
<td>15,200 Grant</td>
<td>Increase provided in grant; effective December 1, 1970.</td>
</tr>
</tbody>
</table>
Meeting #392-95

January 25, 1971

Budgeted Name, Rank, and/or Title, Department

<table>
<thead>
<tr>
<th>Mo. of</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service</td>
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<tr>
<td>Dr. Martin H. Lees, Professor of Pediatrics</td>
<td>12 $ 25,000 $ 27,000 Grant</td>
<td>(Increase provided in grant; effective December 1, 1970.)</td>
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<tr>
<td>Portland State University</td>
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<tr>
<td>Dr. Ronald C. Cease, Dean of Undergraduate Studies</td>
<td>9-12 14,940 20,148 Budget</td>
<td>(Appointment as Dean of Undergraduate Studies.)</td>
<td></td>
</tr>
<tr>
<td>Mr. Roderic C. Diman, Acting Assistant Dean of Division of Arts and Letters</td>
<td>9 12,006 13,986 Budget</td>
<td>(Designation as Assistant Dean; effective January 4, 1971.)</td>
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<tr>
<td>Oregon Technical Institute</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dr. Lester Z. Brookshire, Associate Professor and Supervisor of Dental Assistant Program</td>
<td>9 17,700 21,600 Budget</td>
<td>(Designation as Dental Director; effective November 1, 1970. Dr. Brookshire was on .18 time in 1969-70 at an annual rate of $17,700, or $3,186 budgeted. Proposed is .50 time at annual rate of $21,600, or budgeted $10,800.)</td>
<td></td>
</tr>
<tr>
<td>Dr. Donald P. Theriault, Assistant Professor and Registrar</td>
<td>12 14,304 14,664 Budget</td>
<td>(Completion of doctoral program.)</td>
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</tr>
<tr>
<td>Division of Continuing Education</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Mr. Dean Huntzinger, Community Shelter Planning Officer, Assistant Professor</td>
<td>12 12,348 12,792 Grant</td>
<td>(Increase provided in grant; effective October 1, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Miss Marilyn Peters, Assistant Professor in Head Start Program</td>
<td>12 12,960 13,680 Grant</td>
<td>(Increase provided in grant; effective September 21, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Mr. Thomas DeJardin, Assistant Professor in Head Start Program</td>
<td>12 10,116 11,186 Grant</td>
<td>(Increase provided in grant; effective September 21, 1970.)</td>
<td></td>
</tr>
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</table>

(The salary adjustments for Marilyn Peters and Thomas DeJardin are recommended to be retroactive to September 21, 1970, because it was necessary to delay the recommendations, pending negotiation of contract with U. S. Department of Health, Education, and Welfare.)
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

Oregon State University

Grant of $250 from the American Hardboard Association, for research entitled, "Test Standards for Hardboard Siding," under the direction of Mr. Raymond A. Currier, Associate Professor, Forest Research Laboratory.


Grant of $10,200 from the Bonneville Power Administration, Portland, to accommodate expenditures for "Studies of the AC and DC and Audible Noise Characteristics of Single and Bundle Conductors of Varying Diameter," October 1, 1970, through October 1, 1971, under the direction of Mr. Louis N. Stone, Head of Electrical Engineering.

Grant of $4,000 from the Mid-Willamette Valley Air Pollution Authority, Salem, for "An Investigation of Existing Meteorological Data and Meteorological Stations in the Mid-Willamette Region," May 1970 through May 1971, under the direction of Dr. Lars E. Olsson, Department of Atmospheric Sciences.

Grants totaling $692,711 from the National Science Foundation, Washington, D.C., for research, institutes, and other purposes, as follows:

1. $83,080 - "To accommodate expenditures for scientific purposes under an institutional grant for science," beginning November 26, 1969, under the direction of Dr. Roy A. Young, Dean of Research.

2. $424,600 - "To pay costs for salaries, wages, materials and other expenses for vessel operation," December 1, 1970, through November 30, 1971, under the direction of Dr. Wayne V. Burt, Associate Professor and Associate Dean of Research, and Captain Ellis B. Rittenhouse, Associate Professor of Oceanography.

3. $65,361 - "Summer Institute in Basic Sciences for Secondary School Teachers," November 10, 1970, through September 30, 1971, under the direction of Dr. Fred W. Fox, Professor of Science Education.

5. $72,100 - "Large Scale, Long Period Air Sea Interactions," November 1, 1970, through November 1, 1972, under the direction of Dr. William H. Quinn, Research Associate in Oceanography, and Dr. Wayne V. Burt, Professor of Oceanography.

6. $3,600 - "Purchase and Installation of a Centrifuge for Studies of Dry Sea Sediments," October 23, 1970, through October 23, 1971, under the direction of Dr. G. Ross Heath, Assistant Professor of Oceanography, and Dr. John V. Byrne, Head of Oceanography.

Northwest Pulp and Paper Association

Oregon State Board of Education
Grant of $40,000 from the Oregon State Board of Education, Salem, "Operation of the Task Force for Occupational Cluster Development," July 1, 1970, through June 30, 1971, under the direction of Dr. Henry A. Ten Pas, School of Education.

Peace Corps

Research Corporation
Grants totaling $11,700 from Research Corporation, New York City, for research, November 1, 1970, through October 31, 1971, as follows:

1. $4,000 - "Thermal Rearrangement of Medium-Sized Rings," under the direction of Dr. Richard W. Thies, Assistant Professor of Chemistry.

2. $7,700 - "Raman Matrix Isolation Spectroscopy," under the direction of Dr. Joseph W. Musher, Assistant Professor of Chemistry.

U. S. Dept. of the Army
Grant of $50,000 from the U. S. Department of the Army, Portland District, Corps of Engineers, Portland, for research entitled, "The Source and Courses of Turbidity at Hills Creek Reservoir," October 23, 1970, through December 22, 1971, under the direction of Dr. P. C. Klingeman, Associate Professor of Civil Engineering, and Dr. C. T. Youngberg, Professor of Forest Soils.
Grants totaling $66,076 from the U. S. Atomic Energy Commission, Washington, D.C., for research, as follows:


2. $20,436 - "Research in Theoretical Loss Energy Nuclear Physics," November 1, 1970, through October 31, 1971, under the direction of Dr. Wilson Au and Dr. V. A. Madsen, Associate Professors of Physics.

Grants totaling $48,580 from the U. S. Department of the Interior, Washington, D.C., for research, September 1, 1970, through August 31, 1971, as follows:

1. $47,270 - "Development of Dissolved Oxygen Criteria for Freshwater Fish," under the direction of Dr. Charles E. Warren, Acting Head, Department of Fisheries and Wildlife.

2. $1,310 - "The Practical Application and Improvement of Methodology for the Cryo-preservation of Viable Salmonid Sperm," under the direction of Dr. Edward Horton, Department of Fisheries and Wildlife.

Grants totaling $985,890 from the U. S. Navy Department, Office of Naval Research, Washington, D.C., for research, as follows:

1. $12,890 - "Biophysical Models of Radiation Injury," January 1, 1971, through December 31, 1971, under the direction of Dr. William H. Ellett, Radiation Center.

2. $973,000 - "Oceanographic Studies," July 1970 through July 1971, under the direction of Dr. Wayne V. Burt, Professor of Oceanography.

Grants totaling $526,010 from the U. S. Public Health Service, Washington, D.C., for research and other purposes, effective December 1, 1970, through November 30, 1971, unless otherwise indicated, as follows:

1. $34,107 - "Metabolism of Herbicides and Transformation Products," under the direction of Dr. Sheng C. Fang, Associate Professor of Chemistry.

2. $41,105 - "Detoxication Mechanisms in Insects," under the direction of Dr. Leon C. Terriere, Professor of Entomology.

3. $22,147 - "Selenium Interaction in Fatty Acid Metabolism," under the direction of Dr. Philip D. Whanger, Assistant Professor of Agricultural Chemistry.

4. $1,000 - "Postdoctoral Allowance in Behalf of Robert W. Roxby," October 1, 1970, through September 30, 1971, under the direction of Dr. K. E. Van Holde, Professor of Biophysics.
5. **$412,257 - "Environmental Toxicology of Pesticides," November 1, 1970, through October 31, 1971, under the direction of Dr. Virgil H. Freed, Head of Agricultural Chemistry.**

6. **$15,394 - "Conformation, Function Relationships in Sugars," January 1 through December 31, 1971, under the direction of Dr. Robert W. Newburgh, Head of Biochemistry and Biophysics.**

| U. S. Dept. of State, Agency for International Development | Grant of $25,867 from the U. S. Department of State, Agency for International Development, Washington, D. C., "to provide additional funds for a project to assist the Government of Turkey in increasing the production of wheat," through March 31, 1971, under the direction of Dr. Harry Clark, State Extension Specialist. |
| University of Washington | Subgrant of $120,835 through the University of Washington, Seattle, Washington, to accumulate expenditures for the National Science Foundation "Coniferous Forest Biome," as described in the University of Washington Proposal, September 15, 1970, through September 15, 1971, under the direction of University of Washington staff members. |
| Grants to Agric. Exper. Station: | Grants to the several Agricultural Experiment Station departments and divisions for research work and other purposes from various donors, as follows: |
| Agricultural Research Foundation | Grants to the several Agricultural Experiment Station departments and divisions for research work and other purposes from various donors, as follows: |
| | **$118.91 - "Research on Strawberry Diseases," under the direction of Dr. R. Converse, Professor of Plant Pathology.** |
| | **$10,811.44 - "Analysis of Pesticide Residues," under the direction of Dr. L. C. Terriere, Professor of Biochemistry and Insect Toxicology.** |
| | **$235,87 - "Pesticide Residue Investigations," under the direction of Dr. L. C. Terriere.** |
| | **$6,458.77 - "Testing of Chemicals on Botany and Plant Pathology Farm," under the direction of Dr. Iain MacSwan, Extension Plant Pathology Specialist.** |
| | **$514.28 - "Research on Foot Rot of Wheat," under the direction of Dr. R. L. Powelson, Associate Professor of Plant Pathology.** |
| | **$1,154.50 - "Nature of Influence of Crop Residues on Soil-Borne Fungus Induced Root Diseases," under the direction of Dr. R. L. Powelson.** |
| | **$1,670 - "Testing of Fruit Tree Fungicides," under the direction of Dr. Iain MacSwan, Extension Plant Pathology Specialist.** |
| | **$1,140 - "For Study of Hop Diseases," under the direction of Dr. C. E. Horner, Professor of Plant Pathology.** |
| | **$150 - "To assist in study of the nitrogen-sulfur ration in crested wheat grass as influenced by nitrogen levels," under the direction of Mr. Forrest A. Sneva, Assistant Professor of Range Management.** |
Commercial Solvents Corporation

$500 - "Evaluation of Main and Joint Effects of Diethylstilbestrol and Zeranol on Gains of Feeder Lambs on Pasture," under the direction of Dr. William D. Hohenboken, Assistant Professor of Animal Science.

Cornell, Howland, Hayes and Merryfield

$6,930 - "Menasha Project near Coos Bay, Oregon," under the direction of Dr. Charles E. Warren, Professor of Fisheries.

Curry County Court

$3,500 - "In support of lily bulb research," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

Merck, Sharp & Dohme

$2,570 - "To Determine the Efficacy of Two-dose Levels of Rafoxanide Against Immature Liver Flukes in Calves Experimentally Infected with Fasciola Hepatica," under the direction of Dr. S. E. Knapp, Professor of Veterinary Parasitology.

Oregon Fish Commission

$6,500 - "Research Program Concerning the Genetic Heritability of Characteristics of Coho Salmon," under the direction of Dr. R. C. Simon, Professor of Fisheries.

$26,500 - "Supervision of Infectious Disease of Salmonid Fishes," under the direction of Dr. John L. Fryer, Associate Professor of Microbiology.

$85,250 - "Development of Shad Industry," "Utilization of Hake, Dogfish, and By-Products of the Fillet Industry for Protein Supplements," "Preparation of Marine Protein Concentrate from Hake," and "Nutrition of Salmonid Fishes," under the direction of Dr. David L. Crawford, Program Director; Dr. James K. Langler, Assistant Professor of Food Science and Technology; Dr. D. K. Law, Associate Professor of Food Science and Technology.

Oregon Game Commission

$4,000 - "Supervision and Diagnosis of Fish Diseases," under the direction of Dr. John L. Fryer, Associate Professor of Microbiology.

$10,000 - "Management of Sports Fisheries (Angler Survey)," under the direction of Dr. Lyle Calvin, Professor of Statistics.

$6,500 - "Biology of the Protozoan Parasite Ceratomyxa Shasta," under the direction of Dr. John L. Fryer, Associate Professor of Microbiology.

$5,000 - "Genetic Heritability of Characteristics of Coho Salmon," under the direction of Dr. R. C. Simon, Professor of Fisheries.

OSU Foundation

$3,300 - "Douglas Fir Research Work," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

Pacific Bulb Growers Association

$1,300 - "Research Program on Lily Bulbs," under the direction of Dr. A. N. Roberts, Professor of Horticulture.
Meeting #392-101

January 25, 1971

Pacific S.W. Forest & Range Experiment Station

$24,142 - "Feasibility of Inventorying Native Vegetation and Related Resources from Space-Photography," under the direction of Dr. C. E. Poulton, Professor of Range Ecology.

Chas. Pfizer & Company, Inc.

$1,000 - "In Vivo Complementary Action of Neo-Terramycin in a Pig Starter Medication," under the direction of Dr. David C. England, Professor of Animal Science.

Phillips Petroleum Company

$3,000 - "A Study of Compatibility of Pesticides and Liquid Fertilizers," under the direction of Dr. James Witt, Associate Professor, Agricultural Experiment Station.

Shaver Poultry Breeding Farms, Ltd.

$300 - "Economic Potential of Dwarfism for Egg Production in White Leghorns," under the direction of Dr. Paul E. Bernier, Professor of Poultry Genetics.

Thompson-Hayward Chemical Company

$250 - "Entomology Research Program," under the direction of Dr. R. W. Zwick, Associate Professor of Entomology.

U.S.D.A. Agricultural Research Service

$9,000 - "Ringspot Virus Study," under the direction of Dr. K. G. Swenson, Professor of Entomology.

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

B. E. Christensen

Collection of 171 chemistry books, valued at $513, from Mr. Bert E. Christensen, Corvallis.

W. K. Ferrell

Volumes of miscellaneous material, valued at $109.30, from Dr. William K. Ferrell, Corvallis.

C. W. Fox

Approximately 500 books and pamphlets on a variety of subjects, from Mr. Charles W. Fox, Portland. The gift is valued at $2,030.48.

F. A. Gilfillan

Three rare books in the field of botany, from Dr. F. A. Gilfillan, Corvallis. The gift, valued at $465, is in memory of Mrs. Jessie Pattee Gilfillan and Mrs. Louis Lewis Odekirk, the mothers of Dr. and Mrs. Gilfillan.

W. L. Kadderly

Collection of personal papers, valued at $300, from Mr. Wallace L. Kadderly, reflecting his work abroad with various governmental agencies. The papers will be designated the Wallace L. Kadderly Collection.

University of Oregon

Scholarships & Fellowships

Gifts totaling $16,620.50 from the following donors for scholarships and fellowships:

American Business Women's Association, Harbor of the Sun Chapter (Stephen Bufton Memorial Education Fund, San Diego, California $ 585.00

America's Junior Miss Scholarship Foundation, Mobile, Alabama $ 296.00
<table>
<thead>
<tr>
<th>Grant Recipient</th>
<th>Amount</th>
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<tr>
<td>Central Midwestern Regional Educational Laboratory, Inc.</td>
<td>$500.00</td>
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<tr>
<td>National Park Service</td>
<td>$200.00</td>
</tr>
<tr>
<td>Eugene Symphony Association, Eugene</td>
<td>$1,500.00</td>
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<tr>
<td>General Motors, Detroit, Michigan</td>
<td>$2,400.00</td>
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<td>Latin American Scholarship Program of American Universities, Inc., Cambridge, Massachusetts</td>
<td>$4,490.50</td>
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<tr>
<td>Lions Club, Hillsboro</td>
<td>$600.00</td>
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<td>Model City Fund, Seattle, Washington</td>
<td>$200.00</td>
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<td>Mu Phi Alumnae, Eugene</td>
<td>$150.00</td>
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<tr>
<td>National Electrical Contractors Association, Portland</td>
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<td>National Scholarship Service and Fund for Negro Students, New York City</td>
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<td>Nez Perce Tribal Executive Committee, Lapwai, Idaho</td>
<td>$800.00</td>
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<td>Elizabeth A. Neilson Award, Lowell, Massachusetts</td>
<td>$1,000.00</td>
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<tr>
<td>Oregon Association of Realtors, Salem</td>
<td>$600.00</td>
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<td>Portland Rose Festival, Portland</td>
<td>$272.00</td>
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<tr>
<td>Professional Baseball College Scholarship Plan, New York City</td>
<td>$500.00</td>
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<tr>
<td>S &amp; I Foundation, New York City</td>
<td>$300.00</td>
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</table>

Grant of $44,361 from the Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, in continued support of the "Center for Research and Demonstration in the Early Education of Handicapped Children," December 1, 1970, through January 31, 1971, under the direction of Dr. George Shepherd, Associate Professor of Education.

Grant of $650 from the National Park Service, San Francisco, California, "To conduct an archaeological reconnaissance in the Corps of Engineer's Bonneville Dam, Washington and Oregon," October 20, 1970, through April 15, 1971, under the direction of Mr. David Cole, Curator of Archaeology, Museum of Natural History.

Grants totaling $238,254 from the National Science Foundation, Washington, D.C., for research, institutes, and other purposes, as follows:

1. $72,739 - "Summer and In-Service Institute in Mathematics for Secondary School Teachers," June 25, 1970, through July 31, 1972, under the direction of Dr. A. F. Moursund, Professor of Mathematics.

2. $64,335 - "For graduate instruction and research in the science field," beginning November 26, 1969, under the direction of Dr. Leona E. Tyler, Dean of the Graduate School.

4. $27,000 - "A Fine-Structural Evaluation of Developmental Criteria in Hyphomycete Systematics," December 1, 1970, through November 30, 1972, under the direction of Dr. George C. Carroll, Assistant Professor of Biology.

5. $16,455 - "Senior Foreign Scientist Fellowship on behalf of Dr. George S. Corshkov, USSR," January 1, 1971, through January 1, 1972, under the direction of Dr. Leona E. Tyler, Dean of the Graduate School.

Stanford Research Institute: Grant of $9,661 from the Stanford Research Institute, Menlo Park, California, "for consulting services in connection with the Follow-Through Program for Training of Teachers of Disadvantaged Pre-School Children," July 1, 1970, through June 30, 1971, under the direction of Dr. Wesley Becker, College of Education.

Oregon Public Welfare Commission: Grant of $33,706 from the Oregon Public Welfare Commission, Salem, "for a field instruction program to help students gain first-hand knowledge and greater understanding of public welfare services," December 1, 1970, through November 30, 1971, under the direction of Mr. Edgar W. Brewer, Director, Field Instruction Program.

Tupelo Public Schools: Grant of $1,560 from the Tupelo Public Schools, Tupelo, Mississippi, as an increase in funds to cover in-service classes in connection with the University of Oregon’s Follow-Through Program sponsored by the U. S. Office of Education. The grant is for the period July 1, 1970, through August 31, 1971, under the direction of Dr. Wesley Becker, College of Education.


U.S. Dept. of Labor: Grants totaling $3,948,784 from the U. S. Department of Labor, Washington, D.C., for the following purposes:

1. $9,164 - "Continuation of operations at Portland Job Corps Office - Helene Kennedy Contract," September 30 through November 30, 1970, under the direction of Dr. Dorothy Burns, Director, Tongue Point Job Corps Center.
2. $3,939,620 - "Continuation of operations at Tongue Point Job
Corps Center, Astoria, Oregon," August 1, 1970, through
July 31, 1971, under the direction of Dr. Dorothy Burns,
Director.

U. S. Public Health Service

Grants totaling $92,035 from the following donors for research,
fellowships and other purposes, as follows:

1. $33,542 - "Photoionization as a Probe of Biological Membranes,"
January 1 through December 31, 1971, under the direction of
Dr. O. Hayes Griffith, Research Associate, Institute of
Molecular Biology.

2. $4,833 - "Predoctoral fellowship on behalf of James A. Duncan,"
December 1, 1970, through September 30, 1971, under the direc­
tion of Dr. John E. Baldwin, Professor of Chemistry.

3. $600 - "Increase in dependency allowance for U. S. Public
Health Service Research Fellowship, predoctoral," September 1,
1970, through August 31, 1971, under the direction of
Dr. Philip D. Young, Assistant Professor of Anthropology.

4. $1,000 - "Postdoctoral supply allowance on behalf of Wilma
Silva Engstrom," October 5, 1970, through October 4, 1971,
under the direction of Dr. Charles Kimmel, Assistant Professor
of Biology.

5. $51,860 - "Coding and Dynamics of Human Memory," January 1
through December 31, 1971, under the direction of Dr. Wayne A.
Wickelgren, Professor of Psychology.

6. $200 - "Increase in dependency allowance on behalf of
Julian M. Libet," September 1, 1970, through August 31,
1971, under the direction of Dr. Peter M. Levinsohn,
Professor of Psychology.

University of Washington

Subgrant of $9,044 through the University of Washington, Seattle,
for participation in the National Science Foundation "Coniferous
Forest Biome Research," September 15, 1970, through September 15,
1971, under the direction of Dr. Jane Gray, Curator of Paleobotany,
Museum of Natural History.

Gifts to the Library:

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

F. D. Glidden

Additional manuscripts, valued at $550, from Mr. Frederick D.
Glidden, Wickenburg, Arizona. Mr. Glidden is an author of Western
fiction who writes as Luke Short.

E. G. Plowman

Books in the fields of history and literature, from Dr. E. Grosvenor
Plowman, Portland, Maine. The gift is valued at $522.50 and
includes titles which will go into the Rare Book Room.
Meeting #392-105

Mrs. W. H. Stephenson  Office library of the late Dr. Wendell H. Stephenson, and history texts and scholarly journals, from Mrs. Wendell Stephenson, Eugene. The office library is valued at $697.10 and the remaining books at $138.21.

R. Wiser  Gift of additional records pertaining to Civil Aeronautics Board docket No. 16242, Transpacific Route Investigation, from Mr. Ralph Wiser, Washington, D.C. The additional material is valued at $1,100.

Gifts to the Museum of Art: Gifts to the University of Oregon Museum of Art from various donors, as follows:

Ehrman Estate  Gift of seven oil paintings, valued at $7,000, from the estate of William Heller Ehrman.

Mrs. Virginia M. Haseltine  Numerous items from the Haseltine Permanent Loan and Bequest Collection of Art of the Pacific Northwest, from Mrs. Virginia M. Haseltine, Surf Pines, Gearhart. The gift is valued at $20,825.

Mr. & Mrs. Paul L. Kleinsorge  Suite of nine serigraphs entitled, "The Journey," by Leonard French, from Mr. and Mrs. Paul L. Kleinsorge, Eugene. The gift is valued at $1,048.32.

University of Oregon Dental School

U. S. Dept. of the Army  Grants totaling $22,233 from the U. S. Department of the Army, Medical Research and Development Command, Washington, D.C., for research as follows:

1. $9,400 - "The Application of Electrical Current in Dental Anesthesia and Fluoride Iontophoresis and Its Effect Upon Bone Formation," February 1 through December 31, 1970, under the direction of Dr. B. S. Savara, Chairman, Child Study Clinic.

2. $12,833 - "A Comparative Study of Plaque Acidogenesis in Individuals Residing in Communities With and Without Fluoridated Water," November 1, 1969, through October 31, 1970, under the direction of Dr. LeGrande Woolley, Associate Professor, General and Oral Pathology.

U. S. Public Health Service  Grants totaling $148,866 from the U. S. Public Health Service, Washington, D.C., for research, training programs, and other purposes, as follows:

1. $70,952 - "In continued support of Dental Auxiliary Utilization Training Program," July 1, 1970, through June 30, 1971, under the direction of Dr. Jack W. Clinton, Head, Dental Auxiliary Utilization Program.

2. $29,334 - "Dentofacial Growth in Endocrine and Metabolic Disorders," June 1, 1970, through May 31, 1971, under the direction of Dr. William E. Tracy, Clinical Associate, Child Study Clinic.

4. $15,368 - "EM Autoradiographic Study of Tooth Innervation," June 1, 1970, through May 31, 1971, under the direction of Dr. Robert Quinton-Cox, Associate Professor, Gross Anatomy and Histology.


University of Oregon Medical School

Scholarships & Fellowships
Gifts totaling $200 from the following donors for scholarships and fellowships:

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<th>Donor</th>
<th>Amount</th>
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<td>Oregon Nurses Association, District 4, Medford</td>
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</tr>
<tr>
<td>The S&amp;H Foundation, New York City</td>
<td>$100.00</td>
</tr>
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Biological Humanics Foundation
Grant of $6,000 from the Biological Humanics Foundation, New York City, "for the continuation of research in human constitution," under the direction of Dr. William H. Sheldon, Professor Emeritus, Department of Medicine.

Doernbecher Hospital Guild
Gift of $12,580 from the Doernbecher Hospital Guild, Portland, to be used as follows under the direction of Dr. Richard W. Olmsted, Professor and Chairman, Pediatrics: Pediatrics Bacteriology Laboratory, $8,000; Chi Omega Laboratory, $1,580; and Pediatrics Research, $3,000.

R. D. Goldman
Gift of $100 from Dr. Robert D. Goldman, Portland, to the Leukocytic Sarcoma Fund, under the direction of Dr. Robert Goldman, Experimental Medicine.

C. B. Haygarth
Gift of $100 from Mr. Charles B. Haygarth, Aurora, to be used for DMSO Research, under the direction of Dr. Stanley Jacob, Associate Professor of Surgery.

Jacobs Bequest
Bequests totaling $17,500 under the will of Frances Jacobs, for the following purposes:

$7,500 - "To be known as the Laurence Selling Fund, with the direction that the fund be maintained intact as to principal by the school, with the income therefrom to be used for the Medical School Library."

$10,000 - "For the unrestricted use of Doernbecher Memorial Hospital for Children," under the direction of Dr. Michael D. Baird, Medical Director and Administrator of Hospitals and Clinics.

N. W. Jones
Gift of $6,000 from Dr. Noble Wiley Jones, Portland, to be used toward expenses incurred in the Symposium to be held in honor of the late Dr. Olaf Larsell, following publication of the final volume of his work concerning the development of the human cerebellum.
Meeting #392 -107

January 25, 1971

Mrs. E. Kryder
Gift of $125 from Mrs. Eleanor Kryder, Milwaukie, to be used for student loans in memory of Mr. D. H. Kryder, under the direction of Mr. Leonard E. Shapland, Assistant Business Manager and Financial Aid Officer.

W. F. Labberton
Gift of $100 from Mr. William F. Labberton, Portland, to be used for the Doernbecher Memorial Hospital for Children, under the direction of Dr. Michael D. Baird, Medical Director.

Ladies Auxiliary to Veterans of Foreign Wars
Gift of $1,003 from the Ladies Auxiliary to the Veterans of Foreign Wars, Oregon Department, Beaverton, "for cancer aid and research," under the direction of Dr. Charles N. Holman, Dean.

The William S. Merrell Co.
Grant of $250 from the William S. Merrell Co., Cincinnati, Ohio, "for use in the Department of Medicine, Continuing Education," under the direction of Dr. Howard P. Lewis, Professor and Head of the Department of Medicine.

New Eyes for the Needy, Inc.
Grant of $200 from New Eyes for the Needy, Inc., Short Hills, New Jersey, to provide new eyes for the needy, under the direction of Dr. Kenneth C. Swan, Professor and Chairman of the Department of Ophthalmology.

Oregon Cancer Society
Grant of $500 from the Oregon Division of the American Cancer Society, Portland, for research entitled, "Electron Microscope Studies on the Mouse Lung Tumor System," September 1 through December 31, 1970, under the direction of Dr. Robert E. Brooks, Assistant Professor of Pathology.

Oregon Medical Association
Gift of $5,214 from the Oregon Medical Association, Portland, for use by the University of Oregon Medical School Library, under the direction of Miss Margaret Hughes, Librarian. The gift represents a $3.00 donation from each active member of the association.

Oregon State Elks Association Visual Aid Program
Gift of $8,400 from the Oregon State Elks Association Visual Aid Program, McMinnville, "in support of the Elk's Children's Eye Clinic," under the direction of Dr. Kenneth Swan, Professor and Chairman of the Department of Ophthalmology.

C. O. Peterson
Gift of $100 from Mr. Carl O. Peterson, Hillsboro, for use by Doernbecher Hospital in memory of his mother, Mrs. Mary Peterson.

R. E. Pratt
Gift of $1,000 from Mr. Russel E. Pratt, Salem, "for use by the Department of Ophthalmology," under the direction of Dr. Kenneth Swan, Professor and Head of the Department of Ophthalmology.

Dr. & Mrs. A. J. Seaman
Gift of $1,166.66 from Dr. and Mrs. Arthur J. Seaman, Portland, to be used for hematology research, under the direction of Dr. Robert D. Koler, Professor and Head of the Department of Hematology.

Selling Fund
Gift of $2,670 from the Dr. Laurence Selling Fund, through the U. S. National Bank of Oregon, Portland, for research entitled, "Mechanism of Immunodeficiency in Multiple Myeloma," under the direction of Dr. Marvin B. Rittenberg, Associate Professor of Immunology and Allergy.
Gift of $100 from the Sherwood Robin Hood Elkettes, Sherwood, "to purchase supplies for the Children's Eye Clinic," under the direction of Dr. Kenneth Swan, Professor and Chairman of the Department of Ophthalmology.

Gift of $100 from Tektronix Employee's Coil Department, Plant 86, Beaverton, "for further development of the Lupus research program," under the direction of Dr. Bernard Pirofsky, Professor and Head of the Department of Immunology, Allergy and Infectious Diseases.

Grant of $4,000 from the National Society for the Prevention of Blindness, New York City, for research entitled, "Synthesis and Deposition of Mucopolysaccharides in the Outer Retina," November 1, 1970, through October 31, 1971, under the direction of Dr. Lynette Feeney, Assistant Professor of Ophthalmology.

Grant of $20,000 from the U. S. Department of the Army, Medical Research and Development Command, Washington, D.C., for research entitled, "A Study of Inflammation and Inflammatory Diseases of the Skin: Immunopathology of Human Dermatophyte Infections," August 1, 1970, through July 31, 1971, under the direction of Dr. Walter C. Lobitz, Jr., Professor and Head of the Department of Dermatology.


Grant of $48,515 from the U. S. Central Intelligence Agency, Washington, D.C., for research entitled, "Study of Speech Characteristics," October 1, 1970, through September 30, 1971, under the direction of Dr. Joseph D. Matarazzo, Professor and Head of the Department of Medical Psychology.


Grants totaling $112,917 from the U. S. Public Health Service, Washington, D.C., for research, training programs, and other purposes, as follows:

1. $26,403 - "Neuroendocrine and Thyroid Physiology," October 1, 1970, through March 31, 1971, under the direction of Dr. Monte A. Greer, Professor and Head of the Division of Endocrinology.

2. $45,072 - "Public Health Teaching Development Project," January 1 through December 31, 1971, under the direction of
Dr. Harold T. Osterud, Professor and Chairman of the Department of Public Health and Preventive Medicine.

3. $1,000 - "In further support of a fellowship supply allowance for Peter Stenzel in the Department of Biochemistry," September 1, 1970, through August 31, 1971, under the direction of Dr. Richard T. Jones, Professor and Chairman of the Department of Biochemistry.

4. $5,221 - "Electrochemistry of Cell-Plasma-Particle Interactions," October 1 through December 31, 1970, under the direction of Dr. Geoffrey V. F. Seaman, Associate Professor of Neurology.

5. $1,000 - "In support of a postdoctoral fellowship supply allowance for Dr. Joann S. Loehr in the Department of Biochemistry," September 1, 1970, through August 31, 1971, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

6. $34,221 - "Neural Control of ACTH Release," November 1, 1970, through October 31, 1971, under the direction of Dr. John W. Kendall, Associate Professor of Endocrinology.

---

**Vierani Family Fund for Charitable Purposes**

Grant of $2,261.54 from the Vierani Family Fund for Charitable Purposes, representing trust income to be used for the benefit of hospitals and clinics, under the direction of Mr. Max Kersbergen, Administrator of Outpatient Clinic.

**Wesely Estate**

Bequest of $3,169.49 under the will of Agnes Wesely, representing the value of stock to be used for the benefit of Doernbecher Hospital, under the direction of Dr. Michael Baird, Medical Director.

**West Park School Staff**

Gift of $137.60 from the staff of West Park School, Hermiston, to be used for cancer research in memory of Martha Byers, under the direction of Dr. Robert Goldman, Department of Experimental Medicine.

**Westwood Pharmaceuticals, Inc.**

Grant of $1,000 from Westwood Pharmaceuticals, Inc., Buffalo, New York, "to help younger residents to attend the Academy of Dermatology meeting," under the direction of Dr. Walter C. Lobitz, Professor and Head of the Department of Dermatology.

**Mr. & Mrs. F. Whipple**

Gift of $100 from Mr. and Mrs. Florence Whipple, St. Helens, for DMSO research, under the direction of Dr. Stanley Jacob, Associate Professor of Surgery.

**Goal '72 for Equipment Needs**

Gifts totaling $1,207.38 from various donors to the project "Goal '72 for Equipment Needs," as follows:

- Dr. Gilbert Byers, Concord, California $100.00
- Dr. and Mrs. Charles N. Holman, Portland 100.00
- Dr. and Mrs. Richard T. Jones, Beaverton 500.00
- Dr. and Mrs. John W. Kendall, Jr., Portland 100.00
- Dr. Robert D. Koler, Portland 207.38
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<td>Mt. Tabor Presbyterian Church, Portland</td>
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National Foundation, March of Dimes, Tri-County Chapter, Portland $ 250.00
National Scholarship Service and Fund for Negro Students, New York City 225.00
Nez Perce Tribal Executive Committee, Lapwai, Idaho 400.00
Oregon City Senior High School, Oregon City 300.00
Oregon Congress of Parent-Teacher Associations, Portland 255.00
Oregon Federation of Women's Clubs, Portland 375.00
Oregon State Elks Association, Portland 750.00
Oregon State University, South Santiam Educational and Research Foundation, Corvallis 167.00
Pepsi Cola Bottling Company, Portland 100.00
Portland Rose Festival Association, Portland 544.00
Retail Employees Union Local 1092, Portland 500.00
Rotary Club Scholarship, Vancouver, Washington 200.00
Roosevelt High School Student Body, Portland 200.00
Roseway Lions Club, Portland 300.00
Student Trust Deposit, U.S. National Bank of Oregon, Portland 305.00
Tektronix Foundation, Beaverton 100.00
Tri-County Chapter, March of Dimes, Portland 250.00
U.S. National Bank, Education Department, Portland 375.00
Vancouver Methodist Foundation, Vancouver, Washington 200.00
Washington Association for Retarded Children, Inc., Longview, Washington 100.00
Ralph Prescott Woodbury Memorial Fund, Portland 500.00

Consul of the Federal Republic of Germany

Gift of films, valued at $400, from the German Consul of the Federal Republic of Germany, Portland. The gift consists of four reels of 16mm motion picture film (newsreels), German language edition.

F. Langhammer

Gift of books and audio-visual materials, valued at $750, from Dr. Franz Langhammer, Portland.

Oregon State Library

Grant of $15,676 from the State of Oregon, Oregon State Library, Salem, "for completion of the Oregon State System of Higher Education Union List of Serials Joint Project for Portland State University, the University of Oregon Medical School, the University of Oregon Dental School, and the Oregon Regional Primate Research Center," July 1, 1970, through June 30, 1971, under the direction of Dr. Frank L. Rodgers, Head Librarian.

U. S. Dept. of State, Agency for International Development

Grant of $1,589.40 from the U. S. Department of State, Agency for International Development, Washington, D.C., for "briefings, discussions, and on-site visits designed to give the participant an insight into some of the socio-economic processes of the urban and rural Pacific Northwest," September 22 through December 30, 1970, under the direction of Mr. Eric E. Oulashin, Assistant Director, International Programs.
Grants totaling $74,011 from the U. S. Department of Health, Education, and Welfare, Washington, D.C., for research and other purposes, as follows:

1. $44,305 - "For continued operation of a Middle East Studies Center," July 1, 1970, through June 30, 1971, under the direction of Dr. Frederick J. Cox, Director of the Center.

2. $29,706 - "Action of Proteolytic Enzymes on Corneal Tissue," December 1, 1970, through November 30, 1971, under the direction of Dr. Earl Fisher, Head of the Department of Biology.

Oregon College of Education

Gifts totaling $16,210.43 from the following donors for scholarships and fellowships:

Anonymous Donor $ 136.00
Alpha Delta Kappa, Lambda Chapter, Hillsboro 100.00
Alpha Delta Kappa, Xi Chapter, Salem 100.00
Boise Cascade Corporation, Boise, Idaho 2,373.00
The Carpenter Foundation, through School District No. 6, Central Point 266.68
Condon Parent-Teacher Association, Condon 150.00
Crown Zellerbach Foundation, San Francisco, California 1,500.00
Delta Kappa Gamma Society, Tau Chapter, Rainier 102.00
Drain Plywood Company 334.00
Elks Lodge No. 1663, Lebanon 200.00
Elks National Foundation, Chicago, Illinois 600.00
Georgia-Pacific Corporation, Portland 500.00
Helen Gough Scholarship Foundation, Fargo, North Dakota 125.00
Grand Chapter, Order of Eastern Star, Portland 250.00
Clara Hanley Scholarship Fund, through the U. S. National Bank of Oregon, Portland 500.00
Hood River Valley High School, Hood River 100.00
Maria C. Jackson Foundation, through the U. S. National Bank of Oregon, Portland 1,000.00
Junction City Education Association, Junction City 408.00
Junction City High School Girls League, Junction City 100.00
Lake County CowBelles, Lakeview 200.00
Lebanon High School, Thomas Henderson Chapter, Future Teachers of America, Lebanon 150.00
Oregon Federation of Women's Clubs, Portland 150.00
Oregon State Elks Association, Salem 700.00
Leslie S. Parker Memorial Scholarship Fund, Portland 1,000.00
Oregon State Employees Association, Eugene Chapter No. 1, Eugene 100.00
Oregon State Chapter, P.E.O., Salem 960.00
Rainier Union High School, Rainier 150.00
Rotana Club, McMinnville  
Rotana Club, Salem  
Scio Classroom Teachers Association, Scio  
Silverton Union High School, Silverton  
Smith River Lumber Company, Drain  
South Santiam Educational and Research Project, through the Oregon State University Foundation, Corvallis  
The Trust Territory of the Pacific Islands, Saipan, Marianna Islands  
Western Cannery Council of the Western Conference of Teamsters, Burlingame, California  
Willamette High School, Eugene  
Woolley Logging Company, Drain  
Yamhill-Carlton High School Parent-Teacher Association, Yamhill

Grants totaling $1,000 from the Association of Pacific Coast Geographers, "to publish and distribute a newsletter three times a year for the next two years," October 30, 1970, through October 30, 1972, under the direction of Mr. Frederick A. Hirsch, Assistant Professor of Geography.

Grants totaling $146,137 from the National Science Foundation, Washington, D.C., for institutes and other purposes, as follows:

1. $69,859 - "To support the 1971 Summer Institute in Geography for Secondary School Teachers," November 10, 1970, through September 30, 1971, under the direction of Dr. James W. Gallagher, Professor of Geography.


3. $13,785 - "To support scientific activities," beginning November 23, 1970, under the direction of Dr. Ronald L. Chatham, Professor of Geography.

Grant of $1,540 from School District 24J and Head Start, Salem, "to provide for Oregon College of Education instructor to teach certain specified courses to employees of the school district and Head Start," September 28 through December 31, 1970, under the direction of Dr. Donald H. Duncan, Professor of Education.

Gifts totaling $2,892.33 from the following donors for scholarships and fellowships:

California-Hawaii Elks Association, Watsonville, California  
California Pacific Utilities Company, San Francisco, California  

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<td>California-Hawaii Elks Association</td>
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<td>California Pacific Utilities Company</td>
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J. B. Felton

Gift of a thirty-nine volume set of the *Writings of George Washington*, valued at $595, from Judge Joseph B. Felton, Salem, to the Southern Oregon College library.

National Science Foundation

Grants totaling $121,394 from the National Science Foundation, Washington, D.C., for institutes and other purposes, as follows:

1. $10,630 - "For use in the science academic program," November 23, 1970, through November 22, 1971, under the direction of Dr. Elliott MacCracken, Professor of Science.

2. $52,136 - "For support of the 1971 Summer Institute in Biological and Earth Sciences for Secondary School Teachers," October 1, 1970, through September 30, 1971, under the direction of Dr. William B. Purdom, Associate Professor of Geology.

3. $58,628 - "For support of 1971 Summer Institute in Geometry for Secondary School Teachers," October 1, 1970, through September 30, 1971, under the direction of Mr. Robert A. McCoy, Assistant Professor of Mathematics.

The Rev. R'Dean Smith

Gift of forty-seven books on current American values, valued at $185, from the Reverend R'Dean Smith, Ashland, for the development of the Southern Oregon College library.

Eastern Oregon College

Scholarships & Fellowships

Gifts totaling $1,959.33 from the following donors for scholarships and fellowships:

- Bureau of Indian Affairs, Portland $ 258.00
- Bureau of Indian Affairs, Aberdeen Area Office, Aberdeen, South Dakota 100.00
- Elks Lodge No. 433, La Grande 100.00
- Georgia-Pacific Foundation, Portland 250.00
- Lions Club, La Grande 102.00
- Lions Club Scholarship Fund, La Grande 408.00
- Rotary Club, La Grande 408.00
- South Santiam Educational and Research Project, through the Oregon State University Foundation, Corvallis 100.00
- Yakima Tribal Education Committee, Yakima Indian Nation, Toppenish, Washington 233.33
Meeting #392-115
Oregon State Department of Education

Grant of $2,090 from the Oregon State Department of Education, Salem, "as a supplement to the training program for teachers of migrants, to cover the cost of travel for the participants," September 1, 1970, through August 31, 1971, under the direction of Mr. Theodore C. Brown, Assistant Professor of Spanish.

Mrs. E. Binney, Jr.

Gift of $137.50 from Mrs. Edwin Binney, Jr., Boston, Massachusetts, to be used by the president for Eastern Oregon College.

Oregon Technical Institute

Scholarships & Fellowships

Gifts totaling $1,686 from the following donors for scholarships and fellowships:

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<td>Community Scholarship Fund, Bandon High School, Bandon</td>
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<td>Klamath Saddle Club, Klamath Falls</td>
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<td>Technical Education Consortium, Hartford, Connecticut</td>
<td>$1,200.00</td>
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Division of Continuing Education

Corporation for Public Broadcasting

Grant of $500 from the Corporation for Public Broadcasting, New York City, "to defray expenses incurred in the conduct of a Music Programmers Conference held at the Ramada Inn, Portland, Oregon, October 13-15, 1970, and co-sponsored by the Corporation for Public Broadcasting and the Division of Continuing Education," under the direction of Dr. Kenneth Waldroff, Chairman, Conferences and Institutes.

Oregon Commission of Interstate Cooperation

Grant of $1,500 from the Oregon Commission of Interstate Cooperation, Salem, to assist in underwriting expenses incurred in the conduct of a "National Discussion Forum" held September 21-23, 1970, in Portland to review recommendations of the Public Land Law Review Commission concerning Federal Forest Land Resources, under the direction of Dr. Kenneth Waldroff, Chairman, Conferences and Institutes.

Oregon Law Enforcement Council

Grant of $4,500 from the Oregon Law Enforcement Council, Executive Department, Salem, for a "Long-Range Planning Seminar to set priorities, goals, and objectives in response to problems and needs as specified by Resource Specialists," November 16 through November 18, 1970, under the direction of Dr. Kenneth Waldroff.

Supplementary Training Associates

Grant of $61,646 from Supplementary Training Associates, Washington, D.C., "to provide necessary professionally qualified personnel, facilities, supplies, equipment and all related instructional support necessary to develop and implement a Supplementary Training Program of the type and character which enables professional and non-professional persons on full year Head Start Center Staffs to function more effectively in their career development roles," September 21, 1970, through June 20, 1971, under the direction of Mrs. Marilyn Peters, Project Director.
Teaching Research Division

Children's Television Workshop

Grant of $40,000 from the Children's Television Workshop, New York City, "to fund the project to determine the feasibility of using situational response measures for evaluating the social and affective outcomes expected to derive from Sesame Street II," October 11, 1970, through January 10, 1971, under the direction of Dr. F. L. Paulson, Assistant Research Professor.

Grand Prairie School District No. 14

Grant of $2,150 from the Grand Prairie School District No. 14, Albany, "for 20 days of consulting services in the area of remedial reading to the Grand Prairie School District," November 1, 1970, through May 31, 1971, under the direction of Dr. Harold D. Fredericks, Associate Research Professor.

William Rainey Harper College

Grant of $7,080 from William Rainey Harper College, Palatine, Illinois, to fund a project in developing an "Instructional Development Program for Harper College," under the direction of Dr. Floyd Urbach, Assistant Research Professor.

Oregon State Board of Education

Grant of $5,306 from the Oregon State Board of Education, Salem, for "planning a master design for development of an overall career education curriculum and preparation of a curriculum development proposal," December 1, 1970, through February 28, 1971, under the direction of Dr. Allen Lee, Research Professor.

Marion County Intermediate Education District

Grant of $4,145 from the Marion County Intermediate Education District, Salem, to conduct an evaluation of "Speech Tele-Van Project" of the Marion County Intermediate Education District at Salem, Oregon, September 30, 1970, through June 1, 1971, under the direction of Dr. C. F. Paulson, Associate Professor of Research.

ADJOURNMENT

The Board meeting adjourned at 2:25 P.M.

George H. Layman, President

R. L. Collins, Secretary
SUPPLEMENT A - Residence Halls and Married Student Housing
RESIDENCE HALLS AND MARRIED STUDENT HOUSING

The Oregon State Board of Higher Education recognizes that it is essential for some student housing to be provided if educational opportunity is to be extended to students of all geographic regions in Oregon. A summary analysis of student housing and a summary comparison of dormitory capacities and occupancies appear in Tables I, II, and III and identify principally the regular residence halls for single students.

Data for the Fall Term 1970 study were obtained from the nine institutions within the State System. The data are applicable to the closing of the fourth week of classes during Fall Term 1970.

The rationale of providing housing for single students applies also to the provision of some housing for married students. The Board also believes that housing units for married students are needed at the universities in Corvallis and Eugene and, to a lesser extent, at several of the other institutions to encourage the enrollment of those able graduate students who qualify as teaching and research assistants. The attached exhibits have been prepared in response to the Board's specific request for an annual report of married student housing and temporary housing for single students. The arrangement is similar to the Fall Term 1969 report and identifies the total number of married students (male and female), the number of graduate teaching assistants and research assistants and the number of graduate assistants occupying institutionally-owned housing units.

Data on married student housing for the Fall Term 1970 study have been obtained from Eastern Oregon College, Oregon College of Education, Oregon State University, Southern Oregon College and the University of Oregon. No units of married student housing are owned or operated by the other institutions of the State System of Higher Education. The data on married student housing appear in Tables IV, V, VI, VII and VIII. A summary of family housing appears in the three pages of Table IX.

2 Ibid.
## TABLE I

**COMPARISON OF DORMITORY CAPACITIES AND OCCUPANCIES**
*(At Close of Fourth Week of Classes)*

**FALL TERM 1970**

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</tr>
<tr>
<td>Oregon State University</td>
<td>4,460*</td>
<td>4,235*</td>
<td>95.0</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>1,497**</td>
<td>1,432</td>
<td>95.7</td>
</tr>
<tr>
<td>University of Oregon</td>
<td>3,065!</td>
<td>2,263</td>
<td>73.8</td>
</tr>
<tr>
<td>Oregon Technical Institute</td>
<td>558</td>
<td>458</td>
<td>82.1</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>11,230</strong></td>
<td><strong>9,949</strong></td>
<td><strong>88.6%</strong></td>
</tr>
<tr>
<td>University of Oregon Medical and Dental Schools</td>
<td>201</td>
<td>163</td>
<td>81.1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11,431</strong></td>
<td><strong>10,112</strong></td>
<td><strong>88.5%</strong></td>
</tr>
</tbody>
</table>
Table I indicates that for the State System as a whole, the number of occupants in the Fall Term 1970 was 88.5 percent of the rated capacities of the dormitories or residence halls.

The occupancy for six institutions (excluding the Dental and Medical Schools) varied from a low of 73.8 percent at the University of Oregon to a high of 95.7 percent at Southern Oregon College.

Portland State University does not have any institutionally-owned permanent residence halls. It does provide temporary housing for some students in its Operation Plus program within an apartment house acquired under the Urban Renewal project.

NOTES:
* For Oregon State University, the data include a capacity of 378 students and an occupancy of 369 students within institutionally-owned cooperative houses.
** For Southern Oregon College, the data exclude 18 spaces reserved for offices within the Cascade Complex.
! For the University of Oregon, the data exclude 78 spaces reserved for offices in Straub Hall. Approximately 380 students were assigned as single occupants in rooms that had been rated originally for double occupancy. If the rated capacity were adjusted to 2,685 (3,065 less 380), the resultant comparison of dormitory occupancy to capacity would be 84.3% instead of 73.8%.
### TABLE II

**OREGON STATE SYSTEM OF HIGHER EDUCATION**

**SUMMARY ANALYSIS OF STUDENT OCCUPANCIES – FALL TERM 1970**

(At close of fourth week of classes)

<table>
<thead>
<tr>
<th>Occupancies Fall Term 1970:</th>
<th>EOC</th>
<th>OCE</th>
<th>OSU</th>
<th>SOC</th>
<th>UO</th>
<th>PSU</th>
<th>OTI</th>
<th>Subtotals</th>
<th>UODS</th>
<th>UOMS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within institutionally-owned facilities (Totals)</td>
<td>673</td>
<td>1,013</td>
<td>4,427</td>
<td>1,432</td>
<td>2,999</td>
<td>599</td>
<td>458</td>
<td>11,601</td>
<td>12</td>
<td>151</td>
<td>11,764</td>
</tr>
<tr>
<td>In dormitories</td>
<td>583</td>
<td>978</td>
<td>4,235</td>
<td>1,381</td>
<td>2,263</td>
<td>-</td>
<td>458</td>
<td>9,898</td>
<td>12</td>
<td>151</td>
<td>10,061</td>
</tr>
<tr>
<td>In other housing</td>
<td>90</td>
<td>35</td>
<td>192</td>
<td>51</td>
<td>736</td>
<td>599</td>
<td>-</td>
<td>1,703</td>
<td>-</td>
<td>-</td>
<td>1,703</td>
</tr>
</tbody>
</table>

| Within privately-owned facilities (Totals) | 1,051 | 2,927 | 11,080 | 3,214 | 12,302 | 10,657 | 1,023 | 42,254 | 387 | 786 | 43,427 |
| In fraternities and sororities | - | - | 2,241 | - | 930 | 25 | - | - | 3,196 | - | - | 3,196 |
| In cooperatives | - | - | 173 | - | 162 | - | - | 335 | - | - | 335 |
| In private homes, apartments, etc. | 1,051 | 2,927 | 8,241 | 3,214 | 10,781 | 10,432 | 929 | 37,575 | 387 | 786 | 38,748 |
| In privately financed residence halls near campus | - | - | 425 | - | 429 | 200 | 94 | 1,148 | - | - | 1,148 |
| Totals (Headcount enrollment) | 1,724 | 3,940 | 15,507 | 4,646 | 15,301 | 11,256 | 1,481 | 53,855 | 399 | 937 | 55,191 |

<table>
<thead>
<tr>
<th>Percentage analysis of student housing:</th>
<th>EOC</th>
<th>OCE</th>
<th>OSU</th>
<th>SOC</th>
<th>UO</th>
<th>PSU</th>
<th>OTI</th>
<th>Subtotals</th>
<th>UODS</th>
<th>UOMS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within institutionally-owned facilities (Totals)</td>
<td>39.0%</td>
<td>25.7%</td>
<td>28.5%</td>
<td>30.8%</td>
<td>19.6%</td>
<td>5.3%</td>
<td>30.9%</td>
<td>21.5%</td>
<td>3.0%</td>
<td>15.1%</td>
<td>21.3%</td>
</tr>
<tr>
<td>In dormitories</td>
<td>33.8</td>
<td>24.8</td>
<td>27.3</td>
<td>29.7</td>
<td>14.8</td>
<td>-</td>
<td>30.9</td>
<td>18.4</td>
<td>3.0</td>
<td>16.1</td>
<td>18.2</td>
</tr>
<tr>
<td>In other housing</td>
<td>5.2</td>
<td>0.9</td>
<td>1.2</td>
<td>1.1</td>
<td>4.8</td>
<td>5.3</td>
<td>-</td>
<td>3.1</td>
<td>-</td>
<td>-</td>
<td>3.1</td>
</tr>
</tbody>
</table>

| Within privately-owned facilities (Totals) | 61.0% | 74.3% | 71.5% | 69.2% | 80.4% | 94.7% | 69.1% | 78.5% | 97.0% | 83.9% | 78.7% |
| In fraternities and sororities | - | - | 14.5 | - | 6.1 | 0.2 | - | 6.0 | - | - | 5.8 |
| In cooperatives | - | - | 1.1 | - | 1.1 | - | - | 0.6 | - | - | 0.6 |
| In private homes, apartments, etc. | 61.0 | 74.3 | 53.2 | 69.2 | 70.4 | 92.7 | 62.7 | 69.8 | 97.0 | 83.9 | 70.2 |
| In privately financed residence halls near campus | - | - | 2.7 | - | 2.8 | 1.8 | 6.4 | 2.1 | - | - | 2.1 |
| 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
Table II indicates that during the Fall Term 1970 institutions provided housing accommodations for 11,764 students, or 21.3 percent of the 55,191 students who were enrolled when the reports were prepared. This 21.3 percent was comprised of 18.2 percent within single student housing and 3.1 percent within other housing, principally for married students.

Fraternities and sororities housed 3,196 students, or 5.8 percent of the total headcount enrollment within the State System. Most of these accommodations were at Oregon State University and the University of Oregon. (In the Fall Term 1969 this figure was 3,698 students, or 6.9 percent of the enrollment of 53,678 that term.)

Privately-owned residence halls for single students provided housing for 1,148 students, or 2.1 percent of the Fall Term 1970 enrollment, compared with 1,162 or 2.2 percent of the 1969 enrollment.

Of the total enrollment of 55,191 students in the Fall Term 1970, 38,748 (70.2 percent) were living in private homes, apartments, etc. The comparable figure for 1969 was 35,957 or 67.0 percent.

NOTES:

# For OSU, the 4,235 occupancies in the residence halls include 369 students living in cooperative houses owned by the institution.

* For PSU, the 599 occupancies noted represent 43 students housed in the King George Apartment for the Operation Plus Program and 556 students housed in apartments leased to Portland Student Services, Inc.

! For UOMS, the 151 occupancies include 15 UODS women students who were housed in UOMS-UODS Women's Residence Hall and counted in the UOMS student enrollment.

!! The total headcount enrollment of 937 excludes 32 X-ray technologists.
### TABLE III
**SUMMARY ANALYSIS OF STUDENT HOUSING CAPACITIES - FALL TERM 1970**
*(At Close of Fourth Week of Classes)*

**Estimated capacities of institutionally-owned facilities:**

<table>
<thead>
<tr>
<th></th>
<th>EOC</th>
<th>OCE</th>
<th>OSU</th>
<th>SOC</th>
<th>UO</th>
<th>PSU</th>
<th>OTI</th>
<th>Subtotals</th>
<th>UODS</th>
<th>UOMS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Permanent dormitories</strong></td>
<td>627</td>
<td>1,023</td>
<td>4,082</td>
<td>1,497</td>
<td>3,065</td>
<td>-</td>
<td>558</td>
<td>10,852</td>
<td>31</td>
<td>170</td>
<td>11,053</td>
</tr>
<tr>
<td><strong>Temporary dormitories</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>668</td>
<td>-</td>
<td>668</td>
<td>-</td>
<td>-</td>
<td>668</td>
</tr>
<tr>
<td><strong>Cooperative houses</strong></td>
<td>-</td>
<td>-</td>
<td>378</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>378</td>
<td>-</td>
<td>-</td>
<td>378</td>
</tr>
<tr>
<td><strong>Subtotals</strong></td>
<td>627</td>
<td>1,023</td>
<td>4,460</td>
<td>1,497</td>
<td>3,065</td>
<td>668</td>
<td>558</td>
<td>11,898</td>
<td>31</td>
<td>170</td>
<td>12,099</td>
</tr>
<tr>
<td><strong>Permanent housing for married students</strong></td>
<td>16</td>
<td>-</td>
<td>94</td>
<td>-</td>
<td>408</td>
<td>-</td>
<td>-</td>
<td>518</td>
<td>-</td>
<td>-</td>
<td>518</td>
</tr>
<tr>
<td><strong>Temporary housing for married students</strong></td>
<td>57</td>
<td>42</td>
<td>115</td>
<td>59</td>
<td>350</td>
<td>-</td>
<td>-</td>
<td>623</td>
<td>-</td>
<td>-</td>
<td>623</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>700</td>
<td>1,065</td>
<td>4,669</td>
<td>1,556</td>
<td>3,823</td>
<td>668</td>
<td>558</td>
<td>13,039</td>
<td>31</td>
<td>170</td>
<td>13,240</td>
</tr>
</tbody>
</table>

**Estimated capacities of privately-owned facilities:**

<table>
<thead>
<tr>
<th></th>
<th>Fraternities and sororities</th>
<th>Cooperative houses</th>
<th>Residence halls near campus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>2,645</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>1,624</td>
<td>218</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>26.0%</td>
<td>404</td>
<td>1,699</td>
</tr>
</tbody>
</table>

**Rated capacities of permanent dormitories and institutionally-owned cooperatives to headcount enrollment, Fall Term 1970**

<table>
<thead>
<tr>
<th></th>
<th>EOC</th>
<th>OCE</th>
<th>OSU</th>
<th>SOC</th>
<th>UO</th>
<th>PSU</th>
<th>OTI</th>
<th>UODS</th>
<th>UOMS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>700</td>
<td>1,065</td>
<td>4,669</td>
<td>1,556</td>
<td>3,823</td>
<td>668</td>
<td>558</td>
<td>13,039</td>
<td></td>
<td>13,240</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>36.4%</th>
<th>26.0%</th>
<th>28.8%</th>
<th>32.2%</th>
<th>20.0%</th>
<th>37.7%</th>
<th>20.9%</th>
</tr>
</thead>
</table>
Table III indicates that during the Fall Term 1970 institutions had a rated capacity of 12,099 students within permanent or temporary dormitories and cooperative houses. Fraternities and sororities had a rated capacity of 4,298, and privately-owned residence halls located near the campuses or area of development had a rated capacity of 1,699.

The percentage of the rated capacities of permanent dormitories and institutionally-owned cooperatives to the Fall Term 1970 headcount enrollment varies from 20.0 percent at the University of Oregon to a high of 37.7 percent at Oregon Technical Institute. (Portland State University is using the King George Apartment for its Operation Plus program on a temporary basis.)

NOTES:

Oregon State University — The rated capacities for permanent dormitories include 75 spaces in McNary and 42 spaces in Weatherford which have been closed. DCE is using 7 of these spaces for offices in Weatherford Hall.

Southern Oregon College — The rated capacities for permanent dormitories exclude 18 spaces reserved for offices in Cascade Complex.

University of Oregon — The rated capacities for permanent dormitories exclude 78 spaces reserved for offices in Straub Hall.

Portland State University — The rated capacities for temporary dormitories represent the King George Apartment used for the Operation Plus Program (cap. 60) and other apartment buildings leased from Portland State University by Portland Student Services, Inc. (cap. 608).
# Table IV

**Analysis of Married Student Enrollments and Rental Rates for Institutional Housing Units**

**Fall Term 1970**

<table>
<thead>
<tr>
<th></th>
<th>OSU</th>
<th>UO</th>
<th>OCE</th>
<th>SOC</th>
<th>EOC</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Total Student Enrollment</td>
<td>15,507</td>
<td>15,301</td>
<td>3,940</td>
<td>4,646</td>
<td>1,724</td>
<td>41,118</td>
</tr>
<tr>
<td>2. Male Student Enrollment</td>
<td>9,692</td>
<td>9,387</td>
<td>1,789</td>
<td>2,513</td>
<td>954</td>
<td>24,335</td>
</tr>
<tr>
<td>3. Married Male Student Enrollment</td>
<td>2,018</td>
<td>2,933</td>
<td>672</td>
<td>464</td>
<td>239</td>
<td>6,326</td>
</tr>
<tr>
<td>4. Percentage of Male Students Married</td>
<td>20.8%</td>
<td>31.2%</td>
<td>37.6%</td>
<td>18.5%</td>
<td>25.1%</td>
<td>26.0%</td>
</tr>
<tr>
<td>5. Female Student Enrollment</td>
<td>5,815</td>
<td>5,914</td>
<td>2,151</td>
<td>2,133</td>
<td>770</td>
<td>16,783</td>
</tr>
<tr>
<td>6. Married Female Student Enrollment</td>
<td>651</td>
<td>1,163</td>
<td>464</td>
<td>475</td>
<td>187</td>
<td>2,940</td>
</tr>
<tr>
<td>7. Percentage of Female Students Married</td>
<td>11.2%</td>
<td>19.7%</td>
<td>21.6%</td>
<td>22.3%</td>
<td>24.3%</td>
<td>17.6%</td>
</tr>
<tr>
<td>8. Total Single Student Enrollment</td>
<td>12,838</td>
<td>11,205</td>
<td>2,804</td>
<td>3,707</td>
<td>1,298</td>
<td>31,852</td>
</tr>
<tr>
<td>9. Total Married Student Enrollment</td>
<td>2,669</td>
<td>4,096</td>
<td>1,136</td>
<td>939</td>
<td>426</td>
<td>9,267</td>
</tr>
<tr>
<td>10. Percentage of Students Married</td>
<td>17.2%</td>
<td>26.8%</td>
<td>29.0%</td>
<td>20.2%</td>
<td>24.7%</td>
<td>22.6%</td>
</tr>
<tr>
<td>11. Rental Rates:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>$ 45.00</td>
<td>$ 36.50</td>
<td>$ 39.00</td>
<td>$ 31.50</td>
<td>$ 40.00</td>
<td></td>
</tr>
<tr>
<td>Maximum</td>
<td>$250.00</td>
<td>$160.00</td>
<td>$75.00</td>
<td>$140.00</td>
<td>$125.00</td>
<td></td>
</tr>
</tbody>
</table>

**Typical Housing Units:**

- **No-Bedroom:**
  - $39.00

- **1-Bedroom:**
  - $45.00; $36.50; $31.50; $40.00
  - 85.00; 81.00

- **2-Bedroom:**
  - 50.00; 42.50; 45.00; 55.00;
  - 97.00; 91.00; 60.00;
  - 85.00

- **3-Bedroom:**
  - 60.00; $48.00;
  - 110.00
Table IV has been prepared to indicate the total student enrollments at the five institutions which had some units of married student housing available in the Fall Term 1970 and, in addition, statistics concerning male and married male, female and married female student enrollments and typical rental rates for family housing at each institution.

Table IV indicates that approximately 26.0 percent of the male students enrolled at the five institutions were married. On an institutional basis, the percentage of male students who were married ranged from a low of 18.5 percent at Southern Oregon College to a high of 37.6 percent at Oregon College of Education.

Table IV also indicates that approximately 17.6 percent of the female students enrolled at the five institutions were married. On an institutional basis, the percentage of female students who were married ranged from a low of 11.2 percent at Oregon State University to a high of 24.3 percent at Eastern Oregon College. About 22.6 percent of all students in the five institutions were married. On an institutional basis, this percentage varied from a low of 17.2 percent at Oregon State University to a high of 29.0 percent at Oregon College of Education.

The Board's policy on capacity to finance auxiliary enterprises projects states, in part:

"At the February 18, 1969 meeting of the Board, action was taken to confirm the previously adopted policy in principle that the rates of charge for student housing shall be such that the income will be sufficient to make each category of housing - married student, regular residence halls, and cooperative living units - self-supporting and self-liquidating.

...The self-liquidating concept, as applied to married family housing and cooperative housing, anticipates that separately for each category of housing at each institution the rates of charge to students shall be such as to produce sufficient net operating income, increased by interest income on investments, to meet bond debt service requirements on the bonds outstanding in each category."4

Table IV indicates the minimum and maximum rates as well as the typical rental rate ranges for various types of units available during the Fall Term 1970. Some revisions were made in the rentals prior to the beginning of this academic year. It is possible that further revisions will be required prior to the beginning of the next academic year.

# TABLE V

OREGON STATE BOARD OF HIGHER EDUCATION

ANALYSIS OF OCCUPANCY OF INSTITUTIONALLY-OWNED FAMILY HOUSING UNITS CONSTRUCTED OR ACQUIRED SPECIFICALLY TO ACCOMMODATE MARRIED STUDENTS

<table>
<thead>
<tr>
<th>OCCUPANT CLASSIFICATIONS</th>
<th>OSU</th>
<th>UO</th>
<th>OCE</th>
<th>SOC</th>
<th>EOC</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Graduate assistants and research fellows</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>82</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>225</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Subtotal</td>
<td>82</td>
<td>144</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>226</td>
</tr>
<tr>
<td>2. Other graduate students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>62</td>
<td>396</td>
<td>8</td>
<td>0</td>
<td>6</td>
<td>472</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>24</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td>Subtotal</td>
<td>62</td>
<td>420</td>
<td>9</td>
<td>1</td>
<td>7</td>
<td>499</td>
</tr>
<tr>
<td>3. Total graduate students</td>
<td>144</td>
<td>564</td>
<td>9</td>
<td>1</td>
<td>7</td>
<td>725</td>
</tr>
<tr>
<td>4. Undergraduate students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>4</td>
<td>68</td>
<td>23</td>
<td>4</td>
<td>41</td>
<td>140</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>12</td>
<td>3</td>
<td>6</td>
<td>11</td>
<td>32</td>
</tr>
<tr>
<td>Subtotal</td>
<td>4</td>
<td>80</td>
<td>26</td>
<td>10</td>
<td>52</td>
<td>172</td>
</tr>
<tr>
<td>5. Total undergraduate and graduate students</td>
<td>148</td>
<td>644</td>
<td>35</td>
<td>11</td>
<td>59</td>
<td>897</td>
</tr>
<tr>
<td>6. Faculty and staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Other occupancies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Vacancies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Total of units (Items 1-8)</td>
<td>148</td>
<td>655</td>
<td>42</td>
<td>12</td>
<td>59</td>
<td>916</td>
</tr>
</tbody>
</table>

*Six units being used for faculty-staff offices.*
Table V has been prepared to indicate the classifications and numbers of students renting institutionally-owned family housing units, which were constructed or acquired specifically to accommodate married students.

Of the 916 units identified in Table V, over 800 were located at the two universities.

Of the 897 students who occupied these units, 725 (or 81%) were graduate students. Of these 725 occupants, 226 (or about 31%) were graduate assistants and research fellows, and the remainder of 499 were classified as other graduate students.
### TABLE VI
OREGON STATE BOARD OF HIGHER EDUCATION
ANALYSIS OF OCCUPANCY OF INSTITUTIONALLY-OWNED MISCELLANEOUS FAMILY HOUSING RENTAL UNITS

<table>
<thead>
<tr>
<th>OCCUPANT CLASSIFICATIONS</th>
<th>OSU</th>
<th>UO</th>
<th>OCE</th>
<th>SOC</th>
<th>EOC</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Graduate assistants and research fellows</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>12</td>
<td>18</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>12</td>
<td>18</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>2. Other graduate students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>17</td>
<td>36</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>57</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Subtotal</td>
<td>17</td>
<td>38</td>
<td>0</td>
<td>6</td>
<td>1</td>
<td>62</td>
</tr>
<tr>
<td>3. Total graduate students</td>
<td>29</td>
<td>56</td>
<td>0</td>
<td>6</td>
<td>1</td>
<td>92</td>
</tr>
<tr>
<td>4. Undergraduate students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Married male students</td>
<td>14</td>
<td>23</td>
<td>0</td>
<td>27</td>
<td>6</td>
<td>70</td>
</tr>
<tr>
<td>(b) Married female students</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>7</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>Subtotal</td>
<td>14</td>
<td>25</td>
<td>0</td>
<td>34</td>
<td>8</td>
<td>81</td>
</tr>
<tr>
<td>(c) Single students</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>Subtotal</td>
<td>16</td>
<td>25</td>
<td>0</td>
<td>34</td>
<td>11</td>
<td>86</td>
</tr>
<tr>
<td>5. Total undergraduate and graduate students</td>
<td>45</td>
<td>81</td>
<td>0</td>
<td>40</td>
<td>12</td>
<td>178</td>
</tr>
<tr>
<td>6. Faculty and staff</td>
<td>2</td>
<td>8</td>
<td>0</td>
<td>1</td>
<td>6</td>
<td>17</td>
</tr>
<tr>
<td>7. Other occupancies</td>
<td>11</td>
<td>34*</td>
<td>0</td>
<td>6</td>
<td>6</td>
<td>57</td>
</tr>
<tr>
<td>8. Vacancies</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>9. Total miscellaneous family housing rental units (Items 1-8)</td>
<td>61</td>
<td>123*</td>
<td>0</td>
<td>47</td>
<td>24</td>
<td>255</td>
</tr>
</tbody>
</table>
Table VI indicates that there were 255 miscellaneous family housing rental units available during the Fall Term 1970. The total of 123 units at the University of Oregon does not include 58 wood-frame World War II surplus apartments on Columbia Street and Agate Street, formerly used as married student housing units, which are now assigned for office use.

Of the 178 units rented to students, over one-half (92 units) were occupied by graduate students, including 30 (or about 17%) who were classified as graduate assistants or research fellows.

NOTE:

* For the University of Oregon, the 34 units listed for other occupancies include 20 units used temporarily for educational purposes.
### TABLE VII
OREGON STATE BOARD OF HIGHER EDUCATION
ANALYSIS OF MALE AND FEMALE STUDENT ENROLLMENTS AND MARRIED STUDENT HOUSING

<table>
<thead>
<tr>
<th></th>
<th>Male Student Enrollment</th>
<th></th>
<th>Female Student Enrollment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Married</td>
<td>Total</td>
<td>Percent</td>
</tr>
<tr>
<td>OREGON STATE UNIVERSITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Assistants, Research Assistants, etc.</td>
<td>192</td>
<td>331</td>
<td>523</td>
<td>63.3%</td>
</tr>
<tr>
<td>Other Graduates</td>
<td>519</td>
<td>695</td>
<td>1,214</td>
<td>57.2%</td>
</tr>
<tr>
<td>Seniors</td>
<td>1,502</td>
<td>427</td>
<td>1,929</td>
<td>22.1%</td>
</tr>
<tr>
<td>Juniors</td>
<td>1,503</td>
<td>295</td>
<td>1,798</td>
<td>16.4%</td>
</tr>
<tr>
<td>Sophomores</td>
<td>1,619</td>
<td>166</td>
<td>1,785</td>
<td>9.3%</td>
</tr>
<tr>
<td>freshmen</td>
<td>2,324</td>
<td>82</td>
<td>2,406</td>
<td>3.4%</td>
</tr>
<tr>
<td>Special</td>
<td>15</td>
<td>22</td>
<td>37</td>
<td>59.5%</td>
</tr>
<tr>
<td>Totals</td>
<td>7,674</td>
<td>2,018</td>
<td>9,692</td>
<td>20.8%</td>
</tr>
</tbody>
</table>

| UNIVERSITY OF OREGON     |        |        |       |         |        |        |       |         |          |
| Graduate Assistants, Research Assistants, etc. | 258 | 464 | 722 | 64.3% | 112 | 55 | 167 | 32.9% |
| Other Graduates          | 766 | 1,415 | 2,181 | 64.9% | 483 | 446 | 929 | 48.0% |
| Seniors                  | 1,197 | 485 | 1,682 | 28.8% | 700 | 247 | 947 | 26.1% |
| Juniors                  | 1,270 | 321 | 1,591 | 20.2% | 890 | 200 | 1,090 | 18.3% |
| Sophomores               | 1,283 | 137 | 1,420 | 9.6% | 1,094 | 122 | 1,216 | 10.0% |
| Freshmen                 | 1,443 | 50 | 1,493 | 3.3% | 1,303 | 61 | 1,364 | 4.5% |
| Special                  | 237 | 61 | 298 | 20.5% | 169 | 32 | 201 | 15.9% |
| Totals                   | 6,454 | 2,933 | 9,387 | 31.2% | 4,751 | 1,163 | 5,914 | 20.0% |

| OREGON COLLEGE OF EDUCATION |        |        |       |         |        |        |       |         |          |
| Graduate Assistants, Research Assistants, etc. | 1 | 2 | 3 | 66.7% | 2 | 1 | 3 | 33.3% |
| Other Graduates            | 68 | 162 | 230 | 70.4% | 62 | 84 | 146 | 57.5% |
| Seniors                    | 178 | 207 | 385 | 53.8% | 272 | 176 | 448 | 39.3% |
| Juniors                    | 273 | 119 | 392 | 30.4% | 310 | 101 | 411 | 24.6% |
| Sophomores                 | 261 | 100 | 361 | 27.7% | 425 | 63 | 488 | 12.9% |
| Freshmen                   | 334 | 82 | 416 | 19.7% | 614 | 38 | 652 | 5.8% |
| Special                    | 2 | - | 2 | - | - | 1 | 3 | 33.3% |
| Totals                     | 1,117 | 672 | 1,789 | 37.6% | 1,687 | 464 | 2,151 | 21.6% |

<table>
<thead>
<tr>
<th>Married Male &amp; Female Students Living in Institutionally-Owned Units</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>OREGON STATE UNIVERSITY</td>
<td>92</td>
<td>26.7%</td>
</tr>
<tr>
<td>UNIVERSITY OF OREGON</td>
<td>162</td>
<td>31.2%</td>
</tr>
<tr>
<td>OREGON COLLEGE OF EDUCATION</td>
<td>35</td>
<td>3.1%</td>
</tr>
</tbody>
</table>