A report of the American Council on Dental Education of the American Dental Association, the official accrediting agency for dental programs, states that in July 1968 there were 48 accredited dental schools in the United States. Of these, all except the University of Oregon Dental School were reported as having oral surgery specialist programs. Of seven new dental schools, not yet fully operational, only one was reported not to have an oral surgery specialist program.

Committee Discussion - Certificate in Oral Surgery. Points raised in the discussion of the request for authorization of an instructional program leading to the certificate in oral surgery were:

1. The program is a three-year program, as contrasted with the dental internship program which is one year in length.

2. Both the Dental School and the Medical School are confident the program can be accredited. However, in view of the fact that aspects of the program may be questioned by the accrediting body, if the program is authorized by the Board, the two schools will immediately seek provisional approval of the program so that all questions of accreditation will be cleared before the program is presented to the legislature. The matters which need clarification concern (a) the attachment of the program to the department of otolaryngology, (b) the number of patients, and (c) the number of beds assigned to the service.

3. The program would provide one FTE faculty, two FTE interns for the first two years to be increased to three for 1973-74, and two support personnel.

Committee recommendation - Certificate in Oral Surgery. The Committee voted unanimously to recommend to the Board that the certificate in oral surgery program be approved contingent upon funding by the 1971 Legislature.

The Board approved the recommendation as presented.

M.S. & Ph.D.
Programs in Oral Biology,
UODS

The University of Oregon Dental School requests authorization to offer a program of instruction leading to the Master of Science and Doctor of Philosophy in oral biology, provided funds to support the programs are made available by the 1971 Legislature.

Oral biology is defined as being "a graduate level program that unifies existing basic sciences (anatomy, biochemistry, microbiology, pathology, pharmacology, physiology) as they apply to tissues, functions, and diseases of the oral cavity specifically and in relationship to the whole individual."

Objectives of the Proposed Programs. The objectives of the proposed programs can be said to be:

- The production of qualified graduate dentists who can bridge the gap between the biological science foundations of dentistry and the clinical aspects of dentistry. Dentists who combine
strength in these two basic aspects of the science of dentistry are in demand as:

- teachers and researchers
- specialists in preventive dentistry and community health dental service

To give added strength to the Dental School arising from increasing competence in this aspect of dental health care.

To make the University of Oregon Dental School more competitive in attracting and holding in service competent faculty members whose interests lie in the oral biology field, and whose work is basic to the dental instructional program.

The MS Degree Program. Candidates for the proposed MS degree program must have a DDS or a DMD degree or a certificate in dental hygiene and a baccalaureate degree.

Degree requirements provide for the student to complete an integrated program of study totaling not less than 45 credit hours of work approved for graduate credit. A minimum of 30 of these credit hours (including thesis) are to be in the major field of oral biology. A minor consisting of a minimum of eight hours in one of the basic science areas (pharmacology, anatomy, physiology, pathology, microbiology, or biochemistry) is required. No credit toward this degree will be given for work previously applied to meet requirements for the DDS or DMD degrees or certificates in dental hygiene.

The student is required to complete a 33-40 clock hour sequence in "Teaching Methods in Dentistry."

Each student will have an advisory committee composed of five faculty members recommended by the major advisor. The advisory committee will conduct a qualifying examination (to be completed before the student has earned 25 credit hours toward the degree) and the examination on the thesis.

The Ph.D. Program. Candidates for the Ph.D. degree in oral biology must hold the DDS or DMD degree.

The degree of doctor of philosophy is granted primarily for scholarly attainments and proven ability. Credit requirements are secondary.

However, at least three years of full-time work beyond the bachelor's degree is required, of which at least one academic year must be spent in continuous residence at the University of Oregon Dental School.

Each Ph.D. student will be assigned an advisory committee consisting usually of four faculty members who will work with the student in outlining a degree program and in advising with him the development of his dissertation. The advisory committee, augmented by an external
examiner (a faculty member not on the student's advisory committee) will be responsible for administering the final examination for the degree which may be written in part, but must include an oral examination of at least two hours' duration. The oral examination is to offer the student opportunity to defend his dissertation.

No foreign language is required. But the student will be required to complete a minimum of six credit hours in statistics and the 33-40 clock hours of instruction in "Teaching Methods in Dentistry."

Special Features of the Programs. Several Features of the proposed MS and Ph.D. degree programs are worthy of special mention:

- **Unified, Integrated Approach to Learning.** The Dental School desires in the proposed oral biology program to have the student develop the ability to relate biologic reactions to basic origins at the molecular level and to see these molecular level reactions extend outward until the entire biologic system is involved.

Complex as are these reactions, insights from several basic sciences are necessary to their understanding. The Dental School is of the opinion that the most effective way of engerdiering that understanding is through an integrated approach cutting across the usual basic science departmental lines. They therefore propose that the MS and PhD programs be built around a core course cutting across departmental lines. They propose that this core course shall draw upon such basic sciences as anatomy, biochemistry, microbiology, pathology, pharmacology, and physiology, which are referred to in the Dental School document as "sub-specialties within the area of oral biology."

The elements of the core course are already in being. Because of the need for this unified approach as a base for all of the clinical specialties currently being offered at the Dental School, the course has been developed and is currently being offered by staff who are supported on temporary funds or who are carrying on this work as an overload.

- **Required Work in Teaching Methods.** The MS and PhD programs in oral biology are intended primarily to prepare students for careers in teaching and research. Hence, the Dental School has included as a requirement for both degrees the stipulation that the student must complete a 33-40 clock hour course in "Teaching Methods in Dentistry."

- **Use of Resources in Other Institutions;** The Dental School anticipates drawing upon the resources of other educational institutions in the offering of the proposed MS and PhD programs. For instance, the Teaching Research Division at Monmouth will be asked to provide the instruction in the required course in "Teaching Methods in Dentistry," referred to above. The Oregon Graduate Center will be drawn on for special work in instrument analysis. Some special resources at the University of Oregon Medical School, Portland State
University, and Oregon State University are also to be brought into the programs at appropriate times and in an appropriate manner.

**Relationship to Other Programs.** The Dental School offers two types of graduate programs: (1) certificate programs in dental specialties, and (2) master of science programs in the dental specialties and basic sciences.

The Dental School does not offer any Ph.D. programs. Through a cooperative arrangement with the Medical School, however, dental students have access to the Ph.D. programs in the basic sciences offered at the Medical School (i.e., anatomy, bacteriology, biochemistry, medical psychology, pathology, pharmacology, and physiology). This arrangement consists of the following:

- Five members of the Dental School faculty (two in anatomy, two in pathology, and one in microbiology) have courtesy appointments in the Medical School.

- Dental students desiring to enter the Medical School Ph.D. programs in the basic sciences make application in the same way any other student would apply for admission to these programs. The Dental School student's application would be considered on exactly the same terms as all other applications received. If he is accepted into one of the basic science programs at the Medical School, he may have one or more of the dental faculty members who have courtesy appointments referred to above, on his advisory committee, and one of these Dental School faculty members may serve as his dissertation advisor, assuming that the student selects a topic in which the special competency of one of the Dental School faculty members lies.

This cooperative arrangement is of relatively recent origin. Efforts will be made to get several more Dental School faculty members accredited in the same fashion, in such areas as biochemistry, physiology, and pharmacology.

The Master of Science and Doctor of Philosophy programs in oral biology would offer a program cutting across the basic science lines and would relate their content to the tissues, functions and diseases of the oral cavity primarily.

**Student Enrollment Anticipated.** The Dental School suggests that the oral biology program would enroll a maximum of from 8 to 10 students, with two students to be enrolled the first year, and an additional two new students in each of the next two years. The budget submitted provides for two fellowships in 1971-72, four in 1972-73, and six in 1973-74.
Resources Required for the Program. The financial requirements of the proposed programs are as follows:

<table>
<thead>
<tr>
<th></th>
<th>1971-72</th>
<th>1972-73</th>
<th>1973-74</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Funds</td>
<td>$44,678</td>
<td>$59,757</td>
<td>$81,538</td>
</tr>
<tr>
<td>Non-State Funds</td>
<td>13,000</td>
<td>26,000</td>
<td>39,000</td>
</tr>
<tr>
<td>Total</td>
<td>57,678</td>
<td>85,757</td>
<td>120,538</td>
</tr>
</tbody>
</table>

Of these totals all is current operating cost except for $10,000 which would be needed in year 1972-73 and $6,000 which would be needed in year 1973-74 for renovations related to the space needs of the program.

Personnel Needs. Personnel needs are shown as follows:

<table>
<thead>
<tr>
<th></th>
<th>FTE Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1971-72</td>
</tr>
<tr>
<td>Faculty</td>
<td>1.7</td>
</tr>
<tr>
<td>Fellowships</td>
<td>2.0</td>
</tr>
<tr>
<td>Support Personnel</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Funds for the fellowships ($13,000, $26,000, and $39,000) for the three years would be sought from nonstate sources.

Library, Supplies, Equipment Needs. Sums required for library supplies, and equipment, included in the totals above, are $1,915, $3,000, and $4,250 for the three years.

Board's Office Discussion. The principal aim of the proposed programs in oral biology is to produce qualified teachers and researchers.

What is the demand-supply situation as it relates to dental educators? Reports are that dental educators are at a premium, due both to the paucity of qualified and interested dental educators and to the expansion of dental schools and programs for producing dental auxiliary personnel.

The University of Oregon Dental School hopes through the proposed oral biology program to produce qualified dental educators at both the master's and doctoral levels to meet some of the large and growing demand for dental educators. The Dental School is of the opinion that the products of the proposed program would be uniquely well qualified for teaching and research because of the unified, integrated approach to the basic sciences and their application to the clinical specialties which the Dental School proposes.

Apart from the desire of the Dental School to contribute to meeting society's needs for qualified dental educators, there are other considerations that prompt the request for the program in oral biology.
The dental school looks upon the proposed program in oral biology leading to the Master of Science and Doctor of Philosophy programs as a means of upgrading their total graduate program.

- Authorization of the program and the funding accompanying such authorization would permit the Dental School to offer a number of new courses which would benefit, they feel sure, not alone those enrolled in the oral biology program but others in the graduate programs at the dental school. The core course in oral biology (OB 511, 512, 513, 514) is an example. This unified, integrated course has been developed and is now being offered by the dental school because outside research funds have paid the cost of its development and are contributing to the support of its offering now. If the proposed program is not authorized, the Dental School reports that it will find it necessary to give up the foregoing course.

Three other courses which the Dental School considers would add materially to the quality of their graduate offerings, namely Biology of Bone and Teeth, the Dental Plaque and the Carious Lesion, and Congenital Abnormalities, cannot be offered unless the proposed program is authorized and funded.

- Authorization of the Ph.D. program in oral biology (which would be the first Ph.D. program authorized the Dental School) would open to them access to federal funding for graduate students (training grants) which has been the means, in many institutions and many programs, of providing the necessary support for establishing a firm base undergraduate education.

The question might very logically be asked: "If the Dental School offers the DMD degree and graduate degrees beyond, in the form of certificate programs in dental specialties and master of science degrees in a variety of basic sciences, cannot these programs provide the background necessary to preparing competent dental educators?" The answer is "yes." People with this training would have a bona fide dental degree (DMD) and a master's degree in a field such as microbiology, biochemistry, physiology, or anatomy. However, in the judgment of the Dental School, the program thus completed would not be as effective in the preparation of dental educators as would a program built around the unified core course (OB 511, 512, 513, 514) and the additional new courses cited above, which the Dental School would offer as a part of the new oral biology program. Why then, it may be asked, doesn't the Dental School replace its existing courses and programs which are presently tied to the basic science departments with the unified, integrated approach proposed for the oral biology program? The answer is that they need the departmentally-centered courses they presently offer in the basic sciences for the clinically-oriented graduate students desiring the depth that can be achieved in departmental programs.
But, it may be asked, leaving aside the question as to whether the unified, integrated approach to teaching the basic sciences in relationship to the clinical specialties provides a better foundation for dental educators than the regular departmental programs in the basic sciences, is there any reason why the Dental School could not turn out as many dental educators through its existing programs as through the proposed MS, PhD programs in oral biology? The answer given by the Dental School is that it cannot for several reasons:

- It is authorized now only Master of Science programs, not Doctor of Philosophy programs. The requested Doctor of Philosophy authorization would give the Dental School another dimension.

- Authorization of the Doctor of Philosophy program would unquestionably bring federal funds (training grants) for support of graduate students, which would enable the Dental School to enroll more graduate students.

- The Dental School staff feel that the character of the program proposed is much more appealing to graduate students aimed at a career in dental education and would therefore attract more graduate students than the present offerings.

But, one may ask, do not dental students have access to Doctor of Philosophy programs in the basic sciences through the programs offered at the Medical School? They do in the sense that they may compete with all others applying for admission to the medical school Ph.D. programs. However, the Dental School feels that this avenue to preparation for a role as a dental educator suffers from the same shortcomings as does the avenue available to the present Master of Science student taking a degree in a basic science at the Dental School. It requires the student to concentrate in a relatively narrow field, and does not permit him the breadth of program which the Ph.D. program proposed by the Dental School would. Moreover, the Dental School insists, the basic science courses taught at the Medical School have a particular relevance for the medical student who is concerned with the entire body mechanism. The basic science courses oriented toward application to dental problems permit an emphasis in these basic sciences particularly relevant to the aspects of the body with which the dental student is concerned.

**Committee Discussion - MS and PhD in Oral Biology.** The following points were brought out in the discussion:

1. The program in oral biology would be the first Ph.D. program for the Dental School.

2. Dental graduates do have access to Ph.D. programs in the basic sciences offered by the Medical School on a competitive basis.

3. Aim of the program would be to turn out people competent to engage in teaching and research, at the Ph.D. level for dental schools and at the MS level for auxiliary dental programs.
4. The need for these people is substantial.

5. The Dental School believes the interdisciplinary approach of the oral biology program is better preparation for teaching than specialization in a single basic science.

6. The program appears to be sound. The inclusion of work in teaching is commendable.

7. The legislature has discouraged expansion of graduate education.

8. The management review study has raised some questions that might affect organization of graduate programs at the Medical and Dental Schools. These have not yet been examined.

Committee Recommendation - MS and PhD in Oral Biology. In view of legislative posture concerning expansion of graduate work, the Committee voted unanimously to recommend that consideration of the MS and PhD programs in oral biology be deferred.

The Board approved the recommendation as presented. Mr. Holmes explained that he voted against the motion because he believed that the Board should not vote in terms of "legislative posture" but should vote to reflect its own posture on the needs of higher education.

Mrs. Johnson said that as she recalled the Committee discussion, the focus was more on the realities of graduate education as a System-wide problem that is being discussed.

Report of Acquisition of Land Under Urban Renewal Program, PSU

Pursuant to the disposition agreement for land entered into with the Portland Development Commission, as reported at the December 9, 1968, meeting of the Board, a ninth acquisition of land has been consummated. The transaction (No. 1-70) consisted of two parcels involving a total of $100,207, summarized as follows:

1. One parcel in Block 268 consisting of 18,200 square feet at a total price of $84,257.

2. One parcel in Block 270 consisting of 3,445 square feet at a total price of $15,950.

Funds to finance the acquisitions will be provided from proceeds of the sale of the 1966 issue of Article XI-C bonds for acquisition of land in the area of development of Portland State University.

In response to a question during the Board discussion, Mr. McKenzie indicated that the proposed purchase would probably complete the transactions for about 60 percent of the total land to be transferred.

Mrs. Johnson urged that every effort be made to make the cleared land as attractive as possible during the period between its acquisition and its eventual use for construction purposes, and it was indicated that this has been done within the funds available.

The Board accepted the report as presented.
President Rice, with the concurrence of the Chancellor, recommended that Dormitory No. 8 at Oregon College of Education be named J. S. Landers Hall in memory of Joseph Samuel Landers who was President of the Oregon Normal School from 1921 until 1932. In addition to his academic achievements, President Landers was known as a humanitarian who was held in the highest esteem by both students and faculty.

The Board approved the recommendation as presented.

(Considered by Finance Committee, February 23, 1970.)

Portland State University has received, pursuant to a land distribution agreement with Portland Development Commission, a number of parcels of property. The properties acquired from private owners by the Portland Development Commission have had the structures thereon removed to grade. Portland State University has used parking operation balances to the extent that they were available to make minimal improvements to the properties to attain a reasonable level of appearance and to provide some landscaping and additional parking spaces.

Funds available to the institution have been insufficient to improve adequately all of the properties and the institution now proposes to expend about $30,000 to improve the properties and provide approximately 150 parking spaces for use for a period of about five years or longer, depending upon the need for sites for educational and general purpose buildings.

At the October 25-26, 1965, meeting, the Board adopted a policy for use of student buildings fees which provided that the unobligated student building fees could be applied to finance educational and general capital outlay with Board approval. To some extent, this was a departure from previous practices where said fees had been applied to capital outlays for Auxiliary Enterprises at the institutions where fees had been collected. To some extent, this change in policy reflected recognition of the 1965 legislative views.

It is acknowledged that Portland State University has need for additional parking facilities. Moreover, the condition of the land received from the Development Commission is in a raw state which causes problems with other property owners in the area and with city officials. In addition, the interim use of the properties for parking purposes would be productive of net income, thus enhancing the financial operations of parking facilities already constructed or in the process of construction.

President Wolfe, with the concurrence of the Chancellor, recommended that in this instance the Board authorize the application of approximately $30,000 in student building fees to finance capital improvements to the land acquired from the Portland Development Commission, for use as temporary parking facilities.
During the Committee discussion, Mrs. Johnson asked if the proposed improvements could be financed from parking fees rather than building fees. Mr. Lemmon said that the parking revenues are not sufficient to cover the debt service requirements. The student building fees will provide the necessary additional funds on a one-year basis and thereafter, the net income of approximately $15,000 per year for five years would reduce the amount needed from student building fees during that period of time.

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

The Board approved the recommendation as presented.

Pursuant to authorization granted by the Board, the Vice Chancellor for Administration has arranged for the acquisition of the Inget property, 393 Walker Avenue, Ashland. The property consists of a lot containing approximately 13,675 square feet improved with a three-bedroom frame residence. The purchase price of $10,000 is in line with appraisals obtained by the institution. The property is in an area designated for physical education purposes, and funds to finance the acquisition will be provided from the General Fund appropriation authorized in Chapter 404, Oregon Laws 1967.

The Board accepted the report as presented.

(Considered by Finance Committee, February 23, 1970.)

The will of Amalia Britt who died October 13, 1954, after providing for specific bequests, bequeathed the residue of her estate to the State Board of Higher Education. The Board's legacy was "to be held or converted to cash or otherwise disposed of as in the discretion of said Board may be deemed proper, subject, however, to the condition that the whole proceeds of said residue of my estate shall be used exclusively at Southern Oregon College of Education, Ashland, Oregon, and further subject to the condition that said Board shall provide in such manner as in its discretion may be deemed appropriate a lasting memorial in honor of Amalia and Emil Britt at said institution." Moneys received by the Board from the sale of corporate stocks, from a small parcel of real property and public sale of personal tangible property have amounted to about $135,000. About $125,000 was applied to convert a gymnasium at Southern Oregon College to the Britt Student Center in honor of Amalia and Emil Britt, and the remainder of about $10,000 was applied to establish a student loan fund.

Household furnishings, photographic equipment and photographs which were in the home of Amalia Britt are on loan to the Southern Oregon Historical Society and displayed in the Jacksonville Museum. Bequeathed real property now on hand for which Board control was established in 1956 consists of about 85.66 acres of unimproved land located within
the city limits of Jacksonville. Except for the use of a few acres as a site for conducting a summer music festival in recent years by the Peter Britt Gardens Music & Arts Festival Association, a nonprofit corporation, the real property has been of little productive value. Jackson County has expressed potential purchase interest in the land. Planning for the development of Southern Oregon College does not require nor provide for the retention of ownership of the real property.

Consequently, President Sours, with the concurrence of the Chancellor, recommended that the Chancellor's Office initiate action to sell the real property of about 85.66 acres. Proposed sale of all or part of the land would be subject to specific recommendation to and authorization of the Board. The present intent is to apply the proceeds to assist or benefit students of the College including but not restricted to use for student loans.

In presenting the above agenda item and recommendations to the Committee on Finance and Business Affairs, Mr. Bork stated that the supplementary information had been sent to Board members in advance of the Committee meeting.

During the Committee discussion, the following matters were reviewed:

1. Mr. Bork stated that when real property is sold to private persons the Chancellor's Office arranges for independent evaluations by experienced and qualified appraisers, and the property is offered for public sale by advertising at a minimum acceptable price, the amount of which is in line with appraisals. Experience of recent sales has shown that accepted bids have exceeded the minimum acceptable advertised price, the excess ranging between 6 and 18 percent, with the average excess being about 10 percent.

2. He also stated that if part or all of the real property were sold to a public body, such as Jackson County to be used and continue to be used for a public purpose, that statutory authority permits the sale of the property for less than the fair market value in recognition of the intended continuous public use of the property. He also alluded to various contractual details which might apply if there were a sale of the real property to a public body for less than the market value of the property as determined by independent appraisers, which, in turn, is based upon their opinion of the highest and best use of the property, which in the instant case would be for the development of home sites.

3. Question was raised as to whether Jackson County could provide detailed planning information with regard to the nature and scope of various classes of public use for the property, both that envisioned for the near future and a more distant future.
Response was to the effect that as far as the near term future was concerned, it was the intent of the county that the property be used for recreational purposes and attaining the objectives of the Peter Britt Gardens Music & Arts Festival Association, Inc. It was recognized that the more distant ultimate uses were unpredictable and that presumably a conveyance of the land to another public body would be operative indefinitely.

4. President Sours commented on the use which had been made of funds received to date under the terms of the Britt bequest, as having been for the benefit of students. He also stated that moneys which might be received from the sale of all or part of the Britt property in Jacksonville was expected to be used similarly for benefit of students, including but not restricted to use for student loan and scholarship purposes.

5. Individual Committee members indicated that they recognized the desirability of cooperative action between various public bodies. In the instant case they also recognized statutory direction that the Board should encourage gifts to the institutions and if the property were sold, recognition would need to be given to the intent of the institution for the use of the funds, and the conditions of the bequest.

The Committee requested the Chancellor's Office to request its appraisers to review again the evaluation of two parcels of the 85.66 acres of property, and report the results of the review to the Board. Consideration was also to be given to an alternative approach of obtaining a third appraisal. The Committee indicated that it preferred that the recommendation of the Chancellor be considered by all Board members and a determination made by them as to whether the price for a potential sale of the property to Jackson County, without public advertising, should be in line with the market value.

Mr. Holmer stated that Jackson County has potential purchase interest in all or part of the Britt property located in Jacksonville subject to the acceptability of the Board price and availability of purchase funds expected to be included in the County budget for 1970-71. He indicated that Board members had been provided with information prior to the Board meeting describing six parcels of land, the acreage of each, and evaluation data provided by two Board appraisers.

The Chancellor stated that with the appraisal information which had been provided to the Board, determination should now be made by it as to the price for which the Board would be willing to sell all or part of the real property to Jackson County.

Mr. Joss moved that the Board offer the Britt property to Jackson County on the basis of the average of the Board's appraisals, and that any sale to the county be on the basis of present and continued public use.
During the discussion, it was indicated that in selling parcels of the property a combination for the sale of assemblages of some of the parcels should not result in the impairment of the value of the parcels not being sold by the Board.

Mr. Payne moved that the motion by Mr. Joss be amended to specify that the offer be made for three assemblages of the land:

First. Parcels 1 through 6 inclusive.
Second. Parcels 2, 3, 4, 5, and 6.
Third. Parcels 3, 5 and 6.

The indicated amendment was approved.

The Board then approved the motion as amended. It was indicated that the property was not being offered for public sale because property which might be sold to the County would require the same to be used and continue to be used for a public purpose by the County. A determination by the County of its potential purchase interest is expected to be made during the month of May 1970 and the Board advised thereof.

Mrs. Johnson also emphasized that the maximum price should be obtained for the property for the use of Southern Oregon College in order that the Board fulfill its obligations under the terms of the will of Amalia Britt, deceased, including the providing of a lasting memorial as she had directed.

(Considered by Building Committee, February 23, 1970.)

At the October 27, 1969, meeting, the Board revised the projected campus boundaries of Eastern Oregon College to add approximately 15.77 acres on the southeastern edge of the campus. Included in the area was a parcel containing approximately 11.97 acres of unimproved land. The property in this area is intended to provide land for athletic fields and related automotive parking. The owner of the tract has indicated an intent to make substantial improvements on the property. Negotiations to secure a purchase option at a satisfactory price have been unsuccessful.

President Rempel, with the concurrence of the Chancellor, recommended that the Board authorize condemnation action on the property unless satisfactory purchase arrangements can be made. In the event a satisfactory price can be reached and the purchase cleared through the appropriate channels, report is to be made to the Board. Funds for the acquisition of the property will be provided from the proceeds of sale of Article XI-F(1) bonds authorized in Chapter 664, Oregon Laws 1969. It was recommended also that at the March 10, 1970, meeting of the Board the following resolution be adopted by roll call vote:

RESOLUTION

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

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

WHEREAS, the State Board of Higher Education, by its officers, employees, or agents, has attempted to negotiate with the owner thereof for the acquisition of title to such property, but to this date has been unable to agree with such owner upon the reasonable market value or price to be paid for such property or upon the compensation or damages to be paid to the owner thereof for the taking of such property for such public use;

NOW, THEREFORE, BE IT RESOLVED BY THE State Board of Higher Education in regular meeting assembled:

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

Commencing at a point 55.5 feet south and 840.8 feet east of the concrete monument established by survey of the City of La Grande at the east end of "C" Avenue, said point of beginning being approximately 995.5 feet north and 840.8 feet east of the southwest corner of the southeast quarter of southwest quarter of Section 8, Township 3 South, Range 38 East of the Willamette Meridian (said point also being the northeast corner of the parcel of land conveyed to James G. Evers and wife by deed dated November 6, 1959, recorded in book 142 at page 775 of the deed records of Union County, Oregon); Running thence South 7° 14' East 36.7 feet; thence South 0° 04' West 29.10 feet;
thence South 5° 28' East 374.20 feet, more or less, to the north line of the county road running easterly and westerly (being the southeast corner of the Evers land referred to above); thence Easterly along the north line of said county road to its intersection with the west line of the north-south county road which is an extension of 12th Street of the City of LaGrande; thence North along said 12th Street extended, a distance of 958 feet to the southeast corner of land conveyed to G. Paul Johnston and wife (deed book 149 page 562); thence West 138.7 feet and North 220 feet, following the lines of said Johnston land, to a point on the south line of land conveyed to LaGrande Cemetery Maintenance District (deed book 135 page 379); thence West along the south line of said cemetery property a distance of 415.96 feet to the east line of land conveyed to State Board of Higher Education (deed book 138 page 456); thence South along the east line of said State land a distance of 660 feet, more or less, to the north line of land conveyed to said James G. Evers and wife (deed book 142 page 775); thence East along the north line of said Evers tract, a distance of 98.96 feet, more or less, to the point of beginning.

SAVE AND EXCEPTING a tract of land in the southeast corner thereof, described as starting at the southeast corner of the above tract; running thence North 110 feet, West 110 feet, thence South to a point where said line intersects the county road, thence Southeasterly along said county road to the point of beginning.

SITUATE IN the east half of southwest quarter of Section 8, in Township 3 South, Range 38 East of the Willamette Meridian, in the City of LaGrande, Union County, Oregon; SUBJECT TO easements for ditches and utilities as same appear of record or exist on and across said premises.

2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, together with all appurtenances, hereditaments and easements appurtenant thereto, free and clear of all interests of every kind and nature, is necessary to carry out the proposed expansion and development program.

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

During the Committee discussion, Mrs. Johnson questioned whether it was necessary to acquire this property at this time when it was not needed for immediate use. It was pointed out that the proposed action follows the present Board policy by which land within the campus boundaries would be acquired by purchase or condemnation when major improvements are planned on the property. Mr. Hunderup said the property was needed in terms of the long-range planning for Eastern Oregon College.

The Chancellor suggested that perhaps the land acquisition policy should be re-examined if it no longer expressed the intent of the Board with respect to property acquisitions.

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

Upon motion by Director Joss, the Board approved the recommendation and adopted the above resolution, with the following voting in favor of adoption: Directors Corey, Holloway, Holmes, Johnson, Joss, Payne, Snider, and Layman.

Those voting no: None.

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

(Considered by Building Committee, February 23, 1970.)

In 1934, the La Grande Cemetery Maintenance District and Eastern Oregon College exchanged lands along their common boundaries. A fence was established as a divider between the properties.

Recently, based upon a survey made at the request of officials of the College, the City and the Cemetery District, and paid for by the Cemetery District, it was determined that an error had been made in the original conveyance of the College property. To correct this error, a strip of land approximately 6 feet wide by 660 feet long, containing 4,085 square feet, more or less, needs to be conveyed to the Cemetery District.

President Rempel, with the concurrence of the Chancellor, recommended that the Board deed the property, as noted above, to the La Grande Cemetery Maintenance District in order to correct the earlier error.

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

The Board approved the recommendation as presented.
(Considered by Committee on Academic Affairs, Personnel, and Public Affairs, February 24, 1970.)

The complete statement of the Oregon Technical Institute request and the analysis of the request by the Board's Office of Academic Affairs are presented in the document *Nursing Education in Oregon*, prepared for the Board's Committee on Academic Affairs for its February 24, 1970, meeting. The document referred to is bound in a separate volume and is considered an integral part of these minutes.

Oregon Technical Institute requests authorization to offer an associate degree program in nursing effective 1971-72 provided funding is made available by the 1971 Legislature.

The program would be offered by Oregon Technical Institute in cooperation with the Presbyterian Intercommunity Hospital, Klamath County Public Health Department, and selected other health facilities of the area. Oregon Technical Institute reports that it anticipates no budget will be required for clinical facility contracts.

The program is to be planned to accommodate approximately 25 students in each of two years, a total of 50 students.

If approved by the Board of Higher Education, the inauguration of the proposed program would proceed in four steps:

1. **Planning Stage.** It is proposed by the Oregon Technical Institute that the final, working plans for the proposed program would be drawn together during a planning year under the guidance of a director of nursing yet to be employed. Oregon Technical Institute suggests that the planning year could be accomplished during 1970-71, with federal funds if these are forthcoming or if federal funds are not available with funds raised by public subscription in the Klamath Falls area.

2. **State Board of Nursing Accreditation of Program.** Oregon Technical Institute would anticipate that during the planning year the director of nursing would be in close and continuing contact with the Oregon State Board of Nursing, with a view to developing a plan which would meet fully the requirements of an accredited program.

3. **Initial Teaching Stage.** Following the year of planning, and the subsequent adoption of the plan for the program, Oregon Technical Institute will admit, in the following year, the members of its first class in nursing (25 students). It anticipates that during the inaugural year, the special staff in the school of nursing will consist of the director, two nursing faculty members, and a secretary.
4. Full Teaching Stage. The full teaching stage, with approximately 25 students enrolled in the first year and 20 students in the second year of the program, would require, according to Oregon Technical Institute's present estimates, the services of a nursing staff consisting of the director, four nursing faculty, and a secretary, in addition to the helping staff from Oregon Technical Institute and the participating clinical facilities.

Program. The course list and typical schedule presented by Oregon Technical Institute in the present document calls for nursing students to complete six quarters of work during two regular academic years.

The tentative distribution of courses suggested by Oregon Technical Institute is as follows:

<table>
<thead>
<tr>
<th>Quarter Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Speech</td>
</tr>
<tr>
<td>Physical Education</td>
</tr>
<tr>
<td>Social Science (Psychology included as social science)</td>
</tr>
<tr>
<td>Biological Science: Anatomy-Physiology, Microbiology</td>
</tr>
<tr>
<td>Physical Science: Chemistry</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>Total</td>
</tr>
<tr>
<td>Professional Nursing</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

Oregon Technical Institute estimates that the implementation of the program tentatively outlined in this present document would require authorization to offer an approximate 47 credit hours of nursing courses, and 25 additional hours of non-nursing courses (anatomy-physiology, microbiology, chemistry, sociology). Oregon Technical Institute's present plans are that all 72 hours of new professional nursing and related courses will be taught by the nursing staff.

Facilities. Oregon Technical Institute anticipates that no new or special facilities will be required. Construction of Laboratory Building II, to be requested of the 1971 Legislature, will relieve heavy scheduling pressures on the existing laboratory building, pressures which will be increased by addition of the nursing program. Specialized clinical facilities will be available in the hospitals.

Financial Implications. The proposed nursing program cannot be financed from Oregon Technical Institute's going-level budget. A special allocation of funds must be made to Oregon Technical Institute if this program is to be supported from state sources. Oregon Technical Institute's present proposed budget for the nursing program calls for expenditures in the several phases of the program as follows:
a. Planning Stage (first year) - $ 21,347
b. Initial Teaching Stage (second year) - 55,946
c. Full Teaching Stage (third year) - 66,076

Three-year total: $ 143,369

Oregon Technical Institute proposes to conduct the planning year during 1970-71 with federal or locally subscribed funds. Funds requested from the legislature would be for the implementation of the program, i.e., $55,946 for 1971-72 and $66,076 for 1972-73, a total for the biennium of $122,022. It is presently estimated by Oregon Technical Institute that the going-level annual budgetary requirements for the program would be an estimated $66,076.

National Accreditation. Oregon Technical Institute states that it would, in due season, seek accreditation of its nursing program by the National League for Nursing, the national accrediting agency for nursing programs.

Board's Office Discussion of the Oregon Technical Institute Request

We present here, in the form of a series of pertinent questions, a discussion of the Oregon Technical Institute request for authorization to offer an associate degree (two-year) program in nursing.

1. Is there a shortage of nurses?

The answer, whether from a national, regional, or state level, appears to be a qualified "yes." The primary shortage is for nurses trained at the baccalaureate and higher levels, rather than for ADN and diploma nurses.

2. What are the plans of existing nursing programs in Oregon for the expansion of their student capacity in the years just ahead?

Projected expansion to 1972, as it was reported to the Office of Academic Affairs by the schools and other agencies involved, is as follows:

<table>
<thead>
<tr>
<th>Program</th>
<th>Actual and Projected Graduates, Nursing Programs in Oregon</th>
<th>Estimated Percent Change 1969 to 1972</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diploma (3-year) programs</td>
<td>190 (160-170)</td>
<td>-12--16%</td>
</tr>
<tr>
<td>Associate degree (2-year)</td>
<td>55 (230)</td>
<td>+318%</td>
</tr>
<tr>
<td>programs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baccalaureate (4-year)</td>
<td>171 (200)</td>
<td>+ 17%</td>
</tr>
<tr>
<td>programs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master's program</td>
<td>8 (10)</td>
<td>+ 25%</td>
</tr>
<tr>
<td>Total</td>
<td>424 (600-610)</td>
<td>+43.9-45.1%</td>
</tr>
</tbody>
</table>
It should be emphasized that the foregoing figures for 1972 are indicative only — and only for the existing or firmly committed programs, which leaves out of account the possible development of additional programs at one or more community colleges. Both Mt. Hood and Blue Mountain community colleges have expressed interest in development of ADN programs in the early 1970's.

The 1972 estimates were provided us by the directors of the schools of nursing or corresponding officials.

3. Are there institutions or agencies not presently offering programs for the preparation of registered nurses which intend in the near future to launch such programs?  

There are. Linn-Benton Community College and Umpqua Community College plan to begin ADN programs fall term 1970. Mt. Hood Community College and Blue Mountain Community College are planning programs for early in the 1970's, possibly even 1971.

The tentative entering class enrollment of these programs is presently being thought of in these terms: Linn-Benton Community College, 40; Umpqua, 15-20; Mt. Hood, 25-30; Blue Mountain, 15-20.

4. Is it likely that the proposed expansion of existing nursing education programs in Oregon and the additional output of the community colleges that are presently planning associate degree programs would render unwise the development in the Klamath Falls area of a nursing education program based at Oregon Technical Institute?

The Board's Office believes it would be unwise for the State of Oregon to plan to increase production of associate degree nurses over programs presently committed without a careful analysis of a responsible body, such as the Oregon Health Manpower Council, of the supply and demand situation in Oregon for nurses at different levels of preparation. Over-production of associate and diploma nurses will possibly encourage some nurses who would not otherwise do so to accept employment in the smaller communities of the state, but overproduction will also depress wages, thus increasing the difficulties of recruitment and retention and setting the stage for another cycle of shortage.

This does not say that there does not exist a local need for nurses in the Klamath Falls area and nearby communities that warrants inauguration of a modest program at the associate degree level at Oregon Technical Institute.
5. **What prompts Oregon Technical Institute to propose to the Board and the Legislature that Oregon Technical Institute be authorized to establish an associate degree program in nursing?**

a. The medical profession, hospital management, and many citizens of the Klamath Falls area believe that the only way to increase the number of nurses available to the southeastern Oregon region is to inaugurate a locally-based program of nursing education making this career preparation readily available to girls and women residing in the area. That interest in the establishment of such a program is vigorous and insistent can be easily understood by the employment situation faced by local hospitals, which is more severe than that reported in the 1968 health manpower intelligence facility survey. Moreover, the number of registered nurses actually employed in Klamath and Lake county, as reported by Mr. David R. Arnold, administrator of the Presbyterian Intercommunity Hospital, is eight fewer than the number reporting employment in these counties during 1967-69 at the time of their renewal of license. (The number engaged in hospital nursing however as reported by Mr. Arnold is 78, by the state board of nursing at the time of licensing is 73.)

According to Mr. Arnold, writing January 29, 1970, needs for hospital nurses in Klamath-Lake counties as of that date were as follows:

Presbyterian Intercommunity Hospital is the largest single employer of Registered Nurses in the district. At present construction of 65 additional hospital beds is planned. Coupled with an immediate need of five full time R.N.'s and with a 46 percent increase in bed capacity, an additional need of 24 R.N.'s is projected by 1972. This figure assumes there will be no attrition which is, of course, an unrealistic assumption.

The Lakeview Hospital presently employs 6 Registered Nurses. A new 44-bed hospital and convalescent home will open in Lakeview in July of 1970. The immediate need for this new facility is 4 additional R.N.'s. The projected need for 1972 is for 5 additional R.N.'s.

In examining the present occupational placement of employed Registered Nurses in Klamath and Lake County, the following pattern is apparent:

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospital Nursing</td>
<td>78</td>
</tr>
<tr>
<td>Convalescent Homes</td>
<td>14</td>
</tr>
<tr>
<td>Doctor's Offices</td>
<td>24</td>
</tr>
<tr>
<td>Public Health Department</td>
<td>9</td>
</tr>
<tr>
<td>Industrial Nursing</td>
<td>2</td>
</tr>
<tr>
<td>School Nursing</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>132</strong></td>
</tr>
</tbody>
</table>
The community leaders in Klamath Falls and Oregon Technical Institute believe that the nursing needs of the region are more likely to be met if there is operative there a nursing program, than if there is not. As the proposed program will appeal to some placebound persons in the Klamath Falls area, these placebound persons are likely to accept positions in the area because they are placebound in their occupational thinking as well as in their educational thinking. We acknowledge the validity of this view. But if carried to the extreme as an isolated but controlling factor, we should end by having a multiplicity of such programs throughout the state in order to provide more readily for the employment needs of the several regions of the state. This, of course, is exactly what is happening.

b. Presbyterian Intercommunity Hospital is located adjacent to the Oregon Technical Institute campus. This facility, which would provide most of the clinical resource for a nursing education program, is thus admirably convenient for the conduct of the program. The administrators of Presbyterian Intercommunity Hospital have been enthusiastic in their participation in the planning for the program conducted to date, and relationships between Oregon Technical Institute and the hospital are excellent.

c. Oregon Technical Institute has placed great emphasis on the development of programs in the health sciences. The program in nursing would complement existing programs in dental assistantship, dental hygiene, medical laboratory technology, medical radiologic technology, and radiological electronics technology and would receive strength and support from the specialized facilities and staffs developed for these programs. As do other programs at Oregon Technical Institute, the programs would have to draw from outside the local Klamath Falls area to maintain enrollments.

6. What implications does this proposed program have for the four-year baccalaureate program presently offered in the University of Oregon School of Nursing?

The proposed program is a two-year program leading to an associate degree. It will not be competitive with the University of Oregon School of Nursing four-year program for those students who desire a baccalaureate degree in nursing. It is possible, of course, that some students who might otherwise have had an interest in entering a baccalaureate program may, for a variety of reasons, enroll in the two-year program which is offered close at hand. But we would not anticipate that this program will have a seriously adverse effect on enrollment in the University of Oregon baccalaureate program.
7. To what extent does the associate degree program in nursing at Southern Oregon College serve the needs of Klamath and Lake Counties?

The 1970 Southern Oregon College ADN graduating class of 31 includes one student from Klamath Falls. The 1969 entering class includes two students from Klamath Falls and two from Bend.

According to the department of nursing, only seven of the 31 members of the first graduating class definitely expect to accept employment in the Rogue Valley area. Two are seeking employment in Portland, two plan to go to California, one is going to Salt Lake City. The remaining 19 have not yet decided upon their place of employment, but eight of these have indicated they will be leaving the area for family or other reasons.

Committee Discussion. In the Committee discussion, the Committee sought to inform itself as to whether there were special circumstances in the Klamath Falls area that would warrant establishment of a modest associate degree program in nursing to serve local needs. The Committee asked whether production of 600 new registered nurses per year by 1972 would provide sufficient new nurses to enable Klamath and Lake counties to recruit nurses they need from outside the area.

Mr. David R. Arnold, administrator of the Presbyterian Intercommunity Hospital at Klamath Falls, said the geography of Oregon provides no perfect template in the distribution of nurses. He said even though production of nurses may be increased to equate demand when measured for the state as a whole, he saw no prospect for isolated areas such as Klamath Falls to obtain the numbers of nurses it needs except through operation of its own training program. He pointed out that only two of the registered nurses working in the Klamath-Lake area were unmarried, a far lower percentage than is found in more metropolitan areas. The majority of nurses, thus, are working in Klamath-Lake counties because their husbands are there. Many are wives of students at Oregon Technical Institute or men stationed at Kingsley Field, thus turnover is high as husbands graduate or are transferred. He said he would contemplate that half of the nursing student body in the proposed program would be mature ladies living in the Klamath Falls area who would like a career field in which they could find employment in their home town and half would be new high school graduates. He said he felt that expanding medical services in Klamath Falls and Lakeview would be able to absorb all graduates of the program who wished to remain in the area. He said that it had been found that when technical training was concentrated in metropolitan centers, students were reluctant to return to the small towns from which many came, but when training was dispersed into isolated geographic regions, at least some of the graduates remained to work in their home areas. President Purvine confirmed this observation, saying that Oregon Technical Institute had long experience in training medical auxiliary personnel. He said that if one sought medical work in small upstate communities in Oregon, the technician performing the services would often be a graduate of Oregon Technical Institute. He said the history of placement in the paramedical fields at Oregon Technical Institute has been that the student from an upstate community, trained at an upstate institution, is likely to accept employment in a similar community.
Mr. Layman emphasized the continuing need for nurses and the increasing recognition of the importance of health care by the people of Oregon. He said he felt the program would have strong support in the legislature.

Mrs. Johnson observed that in view of the great need for baccalaureate degree nurses, counselors should endeavor to be sure prospective students understand that the ADN program is not the first two years of a baccalaureate program to direct students into the kind of nursing program that would best serve their needs. Beyond this, however, she emphasized that continuing efforts should be made to facilitate transfer of ADN and diploma graduates into baccalaureate degree programs.

In respect to assignment of the ADN nurse in a hospital, Miss Margaret J. Treat, director of nursing services at Presbyterian Intercommunity Hospital and a master's degree nurse, said that since in the training the associate degree nurse had not had opportunity to learn by doing, these nurses should be given opportunity to gain experience before they are put into positions requiring more responsibility than they are prepared to assume. She said that in her opinion some ADN programs try to include too much in the two years that is not essential to the primary obligation of the associate degree nurse, i.e., to give safe nursing care at bedside.

Mrs. Eleanor Ehlvers, member of the board of Presbyterian Intercommunity Hospital, testified concerning support of the community for the proposed program. She said she had no doubt that enrollments in the program would be maintained, and that community organizations were prepared to assist in informing prospective students concerning opportunities in nursing and in providing scholarship assistance.

Committee Recommendation. The Committee voted unanimously to recommend that the Board authorize Oregon Technical Institute to offer an associate degree program in nursing contingent upon funding of the program by the 1971 Legislature.

The Board approved the recommendation as presented.

(considered by Finance Committee, February 23, 1970.)

The Director of the Division of Continuing Education has reported that because of an increase in the volume of service in film library services and in extension courses, workshops and seminars, the Division of Continuing Education will exceed its expenditure level as provided in an amount estimated at $243,000 during the current biennium.

The increase in volume of service above the expenditure level approved by the 1969 Legislature arises from the following circumstances:

1. The Division of Continuing Education has continuing and increasing requests from year to year from business firms, school districts, government agencies, and others for extension courses and seminars directed to employees in business firms, government employees, employed teachers and others.
2. The courses and seminars referred to above are financed from fees paid by the sponsoring organizations or by the students or participants. No addition from state funds is required.

3. In geographical areas where both community colleges and State System four-year colleges are located, continuing education coordinating councils representing the community colleges and DCE are operating.

4. The Director and the staff of DCE clear the offering of extension workshops, seminars and classes with other agencies which might be offering or preparing to offer such projects in the same geographical areas, such as private colleges, school districts and other state agencies.

5. The demand for extension courses, workshops and seminars has been increasing each year. In the Board of Higher Education budget request for 1969-1971, approved by the Governor, an increase of $182,000 was estimated. The Legislature did not authorize the estimated increase for these self-sustaining services.

6. The types of services and the amounts of increase in expenditure limitation for each year of the current biennium are shown below:

<table>
<thead>
<tr>
<th></th>
<th>Year 1969-70</th>
<th>Year 1970-71</th>
<th>Total for Biennium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio Visual Instruction, Film Library</td>
<td>$25,000</td>
<td>$33,000</td>
<td>$58,000</td>
</tr>
<tr>
<td>Extension Courses and Seminars</td>
<td>$58,000</td>
<td>$127,000</td>
<td>$185,000</td>
</tr>
</tbody>
</table>

Total Increase in Expenditure Limitation Requested for Biennium $83,000 $160,000 $243,000

In view of the circumstances outlined above, the Director of the Division of Continuing Education, with the concurrence of the Chancellor, recommended that a request be made to the State Emergency Board at its meetings scheduled for March 19-20, 1970, for an increase in the 1969-1971 expenditure limitation for DCE in the amount of $243,000.

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

The Board approved the recommendation as presented.
The Committee on Academic Affairs, Personnel, and Public Affairs met for a regular meeting at 9:00 A.M., February 24, 1970, in Room 105, Memorial Union, Oregon State University. The Committee considered the following matters:

1. OTI request for authorization to offer an associate degree program in nursing, effective in 1971-72, contingent upon funding by the 1971 Legislature.

2. Report on revisions in the program in medicine, UOMS

3. UODS request for authorization to offer the following programs, effective in 1971-72, contingent upon funding by the 1971 Legislature:
   - postgraduate certificate program in hospital dental internship
   - postgraduate certificate program in oral surgery
   - MS and PhD programs in oral biology

4. Proposed joint policy statement by the State Board of Education and the State Board of Higher Education on Continuing Education.

5. Continuation of consideration of OSU request for authorization to award baccalaureate degrees in health, physical education, and recreation; a master of science in health; and to change the designation of the division of physical education to school of health, physical education and recreation.

The complete report of the Committee's meeting is presented in the document Report of the Meeting of the Committee on Academic Affairs, February 24, 1970. This document is bound in a separate volume and is considered an integral part of these minutes.

The Board accepted the report as presented.

Condition of Board's Unappropriated Fund and Special Reserves

Estimated as of March 10, 1970, for the Fiscal Year Ending June 30, 1970

1. **Board's Unappropriated Fund**
   - Balance reported as of January 26, 1970 $ 67,351.85
   - No Change

II. **Board's Reserve for Plant Rehabilitation**
   - Balance reported as of January 26, 1970 $ 376.98
   - Add: Release of funds reserved earlier for the Oregon Technical Institute Dental Hygiene rehabilitation project $100,000.00
   - Subtotal $100,376.98
Meeting #383-79

Less: Docket item for heating plant improvements, University of Oregon Medical School 20,075.00
Docket item for revision of Cramer Hall space for Dean of Social Science 6,000.00

Balance estimated as of March 10, 1970, if the above projects are approved $ 75,301.98

The Board approved the report as presented.

Revision of Administrative Code, Section K-2-A(c)

The Interinstitutional Residence Classification Committee recommended, with the concurrence of the Chancellor, that Section K-2-A(c) of the Administrative Code be revised to read as follows (added material underscored):

(c) A student who graduates from an Oregon high school after one year of regular attendance and who matriculates as an entering freshman, and whose parents were residents of Oregon at the time the student entered the Oregon high school. (If, however, such a student later transfers to an institution outside of Oregon and subsequently seeks to enroll again in an Oregon State System institution, his residence classification shall be re-examined and determined on the same basis as for any other transfer student.) (Meeting #376, 9-8-69, p. 650).

Upon motion by Mr. Payne, the Board approved an amendment to the third line of the proposed revision so that the underlined portion would read "and one of whose parents was a resident of Oregon."

The Board then approved the proposed revision as recommended and amended by Mr. Payne's motion.

Revision to Board's By-Laws & Administrative Code

Section 1 of Article I of the Board's By-Laws and Section B-2 of the Administrative Code now read as follows:

Article I, Sec. 1 and B-2. Regular Meetings

In addition to the regular meetings required by ORS 351.050, which are scheduled in January, April, July, and October of each year, the Board will hold additional regular meetings in March, June, September, and December of each year. The January, April, July and October meetings shall be scheduled for the Monday preceding the fourth Tuesday and, on written call of the President, the fourth Tuesday, and the March, June, September, and December meetings shall be on the Monday preceding the second Tuesday, and, on written call of the President, the second Tuesday, except that when one of these dates falls on a holiday, the meeting shall be held on the second and third days following the holiday if the meeting is to be a two-day meeting, or on the second day following the holiday if the meeting is to be a one-day meeting.
The July meeting shall be the occasion for the annual election of officers, but an election of officers may be held at other meetings when so required because of resignations, expirations of appointments, or vacancies otherwise created. (Meeting #369-43, 1-22-68, p. 745)

The above section as it now stands specifies that regular Board meetings are to be held on certain Mondays or Mondays and Tuesdays during the months named. In order to simplify the procedure in setting meeting dates, it was recommended by the President of the Board that Article I, Section 1. of the Board's By-Laws and Section B-2 of the Administrative Code be revised to read as follows:

Art. I, Sec. 1 and B-2. Regular Meetings

In addition to the regular meetings required by ORS 351.050, which are scheduled in January, April, July, and October of each year, the Board will hold additional regular meetings in March, June, September, and December of each year. Regular meetings shall be held at such times in the hereinbefore designated months and at such places as the president of the board may determine.

The July meeting shall be the occasion for the annual election of officers, but an election of officers may be held at other meetings when so required because of resignations, expirations of appointments, or vacancies otherwise created.

The Board approved the recommendation as presented.

(Considered by Finance Committee, February 23, 1970.)

Out-of-State Tuition for Foreign Students

The Tuition and Fee Schedule for 1970-71 applies to all new and returning out-of-state students the requirement that they pay tuition equivalent to the cost of instruction. In 1969-70 a differential has been maintained between the tuition charged new and returning students. The differential was applied in favor of the returning students because of the lateness of the tuition decision for 1969.

Although there will have been more than a year's notice, representatives of the Foreign Students Organization at the University of Oregon have raised the further question of equity as it applies to foreign students, whose budgets were established two or more years ago and who may have fewer options than other out-of-state students.

The Committee was requested to hear the representatives of the Foreign Students Organization and to advise the Vice Chancellor for Administration if it wished to entertain consideration of a modification of present policy.

Mr. Paul Chung, President of the Foreign Student Organization at the University of Oregon, and Mr. Larry Pitman, Assistant Foreign Student Advisor, were introduced to present the statement from the Foreign Student Organization. Mr. Chung said that the increase in the nonresident tuition for foreign students would make it difficult for
many of these students to continue their education and pointed out that many of the students come from countries with restrictions on foreign exchange which makes it difficult for them to receive supplemental funds to meet these additional expenditures. Their opportunities for work are also restricted by immigration regulations. He said there were approximately 200 students who would be juniors and seniors next year who would have difficulty in completing their education.

Mr. Chung requested the Board to consider providing scholarships to cover the differential between in-state and out-of-state tuition and also that a separate lower tuition charge be considered for foreign students as has been done in other states. The latter proposal would be submitted to the 1971 Legislature.

Mrs. Johnson asked how many of the 200 would be adversely affected next year, because it was her understanding that many of the foreign students came here on scholarships from their countries or had sufficient family income that they could pay the added fees.

Mr. Pitman indicated that the scholarship students were not included in the 200 students. He said that arrangements for transferring foreign exchange are difficult to make so that it is not always possible for the students to transfer funds which they may have available.

Mr. Holmer said that the differential suggested between the old and new out-of-state rate represented a significant amount of money and should be considered carefully.

Mrs. Johnson said that the Board would not be justified in making a change in basic policy unless it had explored every individual instance which might be a real problem in an effort to find some other way to solve the difficulty than by granting differential treatment to an entire group.

The Chancellor said that the financial difficulties for foreign students were perhaps even greater than last year when the differential was approved. He said also that the proposal by the foreign students indicated that serious consideration should be given in developing the 1971-1973 biennial program to making a distinction between domestic and foreign nonresident charges in terms of tuition.

It was understood that a report would be prepared showing the number of foreign students who would be unable to pay the full nonresident fee at each institution.

The Board accepted the report as presented.
In planning for the compilation of the biennial budget request, a memorandum and a draft "Budget Preparation Manual" have been prepared. These materials are enclosed separately with the agenda document for the Finance Committee meeting of February 23, 1970.

The memorandum and draft budget instructions and forms are to be discussed on the morning of February 23 with institution executives and other institution personnel. The suggestions emanating from that discussion will be reported to the Committee.

A presentation by Board staff will be made to the Finance Committee relating to the alternative policies to be followed in estimating 1971-1973 enrollment (as basis for budget planning).

Final Committee action on budget policy questions is not requested at this time. Tentative policies will need to be identified by the Committee at its April 6 meeting as a basis for institutional biennial budget proposals.

Because of the lead time required for the reproduction of forms and instructions, Committee decisions with respect to format and procedure should be made at the February 23 meeting. Formal Committee approval of the budget forms and instructions does not appear to be required. However, Committee counsel with respect to shortcomings that should be corrected or improvements that should be effected in the budget processes will be appreciated.

Following a general discussion of the new procedures and program budget information proposed to be used in the 1971-1973 biennial budget, the Committee agreed that there should be work sessions to study budget policies in some detail during the next few weeks.

The Board accepted the report as presented.
The operating budget as presented in the documents entitled, "Budget Summaries" and "Personnel Supplement," has been prepared in accordance with a plan approved by the Finance Committee of the Board, with other Board members present, at a meeting on January 5, 1970. The amounts of operating funds applied in the approved budget plan for year 1970-71 are in accordance with the amounts of State General Fund appropriations and the expenditure limitations approved by the 1969 Legislature and the State Emergency Board for the biennium ending June 30, 1971. The budget plan contemplates estimated total campus enrollments of 54,579 during the fall term of 1970. This represents an increase of 300 or .55 percent over the 1969 fall term enrollment. Enrollments for the six institutions have been limited to 51,838 headcount students, as directed by the 1969 Legislature, by limiting nonresident and graduate students to the numbers available after estimates of resident undergraduate students were accommodated. The estimated enrollments for the fall term of the year 1970-71 by institutions are as follows:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oregon</td>
<td>15,351</td>
</tr>
<tr>
<td>University of Oregon Medical School</td>
<td>930</td>
</tr>
<tr>
<td>University of Oregon Dental School</td>
<td>412</td>
</tr>
<tr>
<td>Oregon State University</td>
<td>15,248</td>
</tr>
<tr>
<td>Portland State University</td>
<td>11,356</td>
</tr>
<tr>
<td>Oregon College of Education</td>
<td>3,724</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>4,433</td>
</tr>
<tr>
<td>Eastern Oregon College</td>
<td>1,726</td>
</tr>
<tr>
<td>Oregon Technical Institute</td>
<td>1,399</td>
</tr>
</tbody>
</table>

**Total estimated student enrollments**

**for State System, year 1970-71**

(fall term headcount) 54,579

The above enrollments reduced to a full-time-equivalent average for the fall, winter and spring terms aggregate 49,144.

For the operation of the nine campus units for Instruction and General Services at the University of Oregon, University of Oregon Medical School, University of Oregon Dental School, Oregon State University, Portland State University, Oregon College of Education, Southern Oregon College, Eastern Oregon College, Oregon Technical Institute and the Division of Continuing Education, including Educational Radio and Television, adult education classes in Portland and other cities, correspondence study and the state-wide visual education service, the proposed budget calls for the expenditure of $89,345,332.

For the operation of the state-wide public services, including the Teaching Hospitals, Outpatient Clinic and Crippled Children's Division at the Medical School, the Dental School Clinics, and the programs of Agricultural Research, Federal Cooperative Extension Service and Forest Research Laboratory at Oregon State University, the proposed budgets aggregate $26,335,978.

For the State System operating activities including the nine campus instructional units, the state-wide services, the research and other projects financed from gifts, grants and contracts, and the auxiliary activities and service departments, the total proposed operating budget is $187,115,785, of which $81,448,450 or 43.5 percent is provided from
state appropriations and $105,667,335 or 56.5 percent is provided from sources other than state funds. The other sources include student fees, federal funds, county funds, endowment income, sales and service fees, gifts, grants and contracts, dormitory fees and other student service fees.

The remainder of the biennial state appropriation for the NDEA and Health Professions Student Loan Fund reserved for year 1970-71 in the amount of $230,000 will provide the 10 percent state matching funds required to make use of available federal NDEA and Health Professions student loan programs with the State System of Higher Education. This amount is not included in the operating budget. It will be distributed to the institutions and will be administered and disbursed along with other student aid funds.

The recommended budgets from all funds for the entire State System are summarized as follows:

**Campus Institutions and Divisions**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oregon</td>
<td>$46,138,509</td>
</tr>
<tr>
<td>University of Oregon Medical School</td>
<td>18,877,871</td>
</tr>
<tr>
<td>University of Oregon Dental School</td>
<td>3,314,903</td>
</tr>
<tr>
<td>Oregon State University</td>
<td>43,316,211</td>
</tr>
<tr>
<td>Portland State University</td>
<td>19,706,218</td>
</tr>
<tr>
<td>Oregon College of Education</td>
<td>7,033,592</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td>7,115,864</td>
</tr>
<tr>
<td>Eastern Oregon College</td>
<td>3,484,196</td>
</tr>
<tr>
<td>Oregon Technical Institute</td>
<td>3,747,274</td>
</tr>
<tr>
<td>Division of Continuing Education</td>
<td>4,963,675</td>
</tr>
<tr>
<td>Centralized Activities</td>
<td>2,190,944</td>
</tr>
<tr>
<td>Teaching Research Division</td>
<td>134,284</td>
</tr>
<tr>
<td>Western Interstate Commission on Higher Education</td>
<td>133,200</td>
</tr>
<tr>
<td>Board's Special Reserves</td>
<td>623,066</td>
</tr>
<tr>
<td><strong>Total Recommended Budget for Campus Institutions and Divisions</strong></td>
<td><strong>$160,779,807</strong></td>
</tr>
</tbody>
</table>

**State-Wide Public Services**

<table>
<thead>
<tr>
<th>Service</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching Hospitals and Clinics, UOMS</td>
<td>$9,772,290</td>
</tr>
<tr>
<td>Crippled Children's Division, UOMS</td>
<td>2,151,591</td>
</tr>
<tr>
<td>Dental Clinics, UOMS</td>
<td>391,131</td>
</tr>
<tr>
<td>Federal Cooperative Extension Service in Agriculture, Home Economics and 4-H Club Work, OSU</td>
<td>5,601,531</td>
</tr>
<tr>
<td>Agricultural Experiment Stations, OSU</td>
<td>7,118,644</td>
</tr>
<tr>
<td>Forest Research Laboratory, OSU</td>
<td>1,300,791</td>
</tr>
<tr>
<td><strong>Total Recommended Budget for State-Wide Public Services</strong></td>
<td><strong>$26,335,978</strong></td>
</tr>
<tr>
<td><strong>Total Recommended Budget for All Divisions in Oregon State System of Higher Education, Year 1970-71</strong></td>
<td><strong>$187,115,785</strong></td>
</tr>
</tbody>
</table>

The expenditures in research and other projects financed from gifts, grants, and contracts are estimated to aggregate $37,308,795 during fiscal year 1970-71. This amount compares with $36,247,880 estimated for year 1969-70.
There are included in the proposed 1970-71 annual operating budgets of the institutions the estimated amounts of indirect cost credits from contracts projects for research, special training institutes and other projects financed from gifts and grants, principally from federal agencies. The amounts of these credits are charged in the disbursements as operating costs of the respective contract projects in accordance with the terms of the grants. The amounts of the indirect cost credits provided by the granting agencies vary from 8 percent to 20 percent, usually based upon the total direct costs or upon salaries and wage costs of the projects. The indirect cost reimbursements to the institutions are provided by the granting agencies to cover the service costs incurred by the institutions in connection with the operation of the research projects or other contract projects (such as added costs in the president's offices, business offices, deans' offices, department heads' offices, physical plant departments, etc).

The summary below shows for each institution the total amount of the indirect cost credits estimated for year 1970-71 and the particular operating cost areas to which the credits are to be applied.

**Summary of Indirect Cost Credits in Proposed 1970-71 Operating Budgets in Connection with Research Contracts or Other Contract Projects of the Institutions Showing Operating Costs to Which the Credits Are To be Applied**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UO</td>
<td>$ 444,495</td>
<td>$ 41,348</td>
<td>$ 41,348</td>
<td>$31,011</td>
<td>$153,290</td>
<td>$195,017</td>
<td>$130,011</td>
</tr>
<tr>
<td>UCMS</td>
<td>176,000</td>
<td>83,000</td>
<td>33,200</td>
<td>-</td>
<td>211,200</td>
<td>158,400</td>
<td>105,600</td>
</tr>
<tr>
<td>UODS</td>
<td>25,784</td>
<td>7,346</td>
<td>629</td>
<td>-</td>
<td>6,917</td>
<td>13,835</td>
<td>3,773</td>
</tr>
<tr>
<td>OSU</td>
<td>539,500</td>
<td>98,800</td>
<td>26,000</td>
<td>13,000</td>
<td>195,000</td>
<td>98,800</td>
<td>31,200</td>
</tr>
<tr>
<td>PSU</td>
<td>73,306</td>
<td>6,664</td>
<td>2,221</td>
<td>12,321</td>
<td>37,764</td>
<td>58,970</td>
<td>22,214</td>
</tr>
<tr>
<td>OCE</td>
<td>35,000</td>
<td>8,000</td>
<td>2,000</td>
<td>1,000</td>
<td>17,000</td>
<td>5,000</td>
<td>21,000</td>
</tr>
<tr>
<td>SCC</td>
<td>3,823</td>
<td>826</td>
<td>207</td>
<td>103</td>
<td>1,756</td>
<td>517</td>
<td>1,963</td>
</tr>
<tr>
<td>EOC</td>
<td>6,264</td>
<td>1,354</td>
<td>338</td>
<td>169</td>
<td>2,878</td>
<td>847</td>
<td>3,217</td>
</tr>
<tr>
<td>OTI</td>
<td>740</td>
<td>160</td>
<td>40</td>
<td>20</td>
<td>340</td>
<td>380</td>
<td>100</td>
</tr>
<tr>
<td>DCE</td>
<td>9,250</td>
<td>2,000</td>
<td>500</td>
<td>250</td>
<td>4,250</td>
<td>4,750</td>
<td>1,250</td>
</tr>
<tr>
<td>TR</td>
<td>40,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CA</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Grand Total $1,354,162 $254,698 $108,483 $57,874  $630,395 $736,516 $354,328 $3,496,456

In addition to the preceding amounts of indirect cost credits to be applied toward operating costs, it is estimated that indirect cost funds aggregating $224,987 will be available for provision of space for contract projects. Also, the Experiment Stations at Oregon State University estimate $117,000 in indirect cost credits; Federal Cooperative Extension at Oregon State University estimates $40,300; Forest Research Laboratory estimates $10,400.

The academic staff salary adjustment fund included in the operating appropriation for biennium 1969-1971 provided increases of approximately 5.8 percent in year 1970-71 for academic staff at the University of Oregon and Oregon State University, with slightly higher percentages at other institutions to maintain dollar differentials in salary averages. Staff at the University of Oregon Medical School and Dental School were provided a 7.09 percent increase. Graduate assistants were provided a 5.0 percent increase.
Maximum salary levels were set by the Legislature for the Chancellor, Vice-Chancellors and Presidents of the institutions. Increases are recommended in the proposed budget for year 1970-71 for the Chancellor and the Presidents of the institutions at $1,625 increase over year 1969-70. The Presidents and Vice-Chancellors are at the salary levels set by the Legislature.

The operating budget recommended by the Governor and approved by the 1969 Legislature requires that a proportionate part of the salary adjustments be met from funds other than State General Fund appropriations, such as federal funds and service fees regularly available to the state-wide public services and from the indirect cost reimbursements from contracts available to the campus institutions. In some instances it appears that additional amounts from the other sources of funds will be available during year 1970-71 to meet a portion of the salary adjustments. In the institutions or service divisions where additional funds are not available for this purpose, it is necessary to reduce amounts for supplies and expenses, equipment or other items in order to finance the salary adjustments authorized by the 1969 Legislature.

Acceleration of the budget process for year 1970-71 did not allow sufficient time for institutions to complete promotion and merit increase recommendations. Some of the institutions have reserved funds to cover subsequent salary adjustment recommendations. It is proposed that a supplemental document be presented to the Board prior to July 1, 1970, to complete original budget salary recommendations for year 1970-71.

The proposed operating budget for the year 1970-71 includes a small Board's Emergency Reserve from unrestricted funds. It is hoped that after the records for the current fiscal year are closed, there will be some small unexpended budget balances and small amounts of over-realized student fee income which can be used as an emergency reserve.

The operating budget approved by the Legislature for biennium 1969-1971 includes an amount for physical plant operation and maintenance and rehabilitation projects with a limitation that the Board of Higher Education cannot expend less than $14,986,469 for those purposes. The 1970-71 budget provides for applying funds at an annual level which will satisfy the biennial requirement.

Within the physical plant limitation an amount of $357,658 is proposed for rehabilitation projects during year 1970-71. The amount is held in Board's Reserves pending determination of projects to which the funds should be allocated.

The Legislature approved, for the 1969-1971 biennium, an expenditure limitation which included tuition increases for both resident and nonresident students. The Legislative proposal was to assess nonresident students at a rate which approximated the full cost of instruction. The budget for year 1970-71 has been proposed at a level which provides for assessment of nonresident students at full cost tuition in year 1970-71. The total annual fee charges per student are compared in the table on the following page for years 1963-64 through 1970-71:
### Total Annual Fees Per Student

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Amt.</td>
</tr>
<tr>
<td>UO, OSU, PSU</td>
<td></td>
<td>$ 330</td>
<td>$ 369</td>
<td>$ 369</td>
<td>$ 408</td>
<td>$ 408</td>
<td>$ 78</td>
<td>23.6</td>
</tr>
<tr>
<td>UO Medical &amp; Dental</td>
<td></td>
<td>705</td>
<td>744</td>
<td>744</td>
<td>768</td>
<td>768</td>
<td>63</td>
<td>8.9</td>
</tr>
<tr>
<td>OCE, SOC, EOC</td>
<td></td>
<td>294</td>
<td>333</td>
<td>345</td>
<td>396</td>
<td>408</td>
<td>114</td>
<td>38.8</td>
</tr>
<tr>
<td>OTI</td>
<td></td>
<td>330</td>
<td>369</td>
<td>369</td>
<td>408</td>
<td>408</td>
<td>78</td>
<td>23.6</td>
</tr>
<tr>
<td>Nonresidents of Oregon (Returning)</td>
<td></td>
<td>900</td>
<td>999</td>
<td>999</td>
<td>1,167</td>
<td>1,407</td>
<td>507</td>
<td>56.3</td>
</tr>
<tr>
<td>UO, OSU, PSU</td>
<td></td>
<td>1,113</td>
<td>1,212</td>
<td>1,212</td>
<td>1,236</td>
<td>1,236</td>
<td>123</td>
<td>11.1</td>
</tr>
<tr>
<td>UO Medical &amp; Dental</td>
<td></td>
<td>534</td>
<td>633</td>
<td>645</td>
<td>819</td>
<td>1,077</td>
<td>543</td>
<td>101.7</td>
</tr>
<tr>
<td>OCE, SOC, EOC</td>
<td></td>
<td>690</td>
<td>804</td>
<td>909</td>
<td>1,122</td>
<td>1,407</td>
<td>717</td>
<td>103.9</td>
</tr>
<tr>
<td>Nonresidents of Oregon (New)</td>
<td></td>
<td>900</td>
<td>999</td>
<td>999</td>
<td>1,335</td>
<td>1,407</td>
<td>507</td>
<td>56.3</td>
</tr>
<tr>
<td>UO, OSU, PSU</td>
<td></td>
<td>1,113</td>
<td>1,212</td>
<td>1,212</td>
<td>1,236</td>
<td>1,236</td>
<td>123</td>
<td>11.1</td>
</tr>
<tr>
<td>UO Medical &amp; Dental</td>
<td></td>
<td>534</td>
<td>633</td>
<td>645</td>
<td>993</td>
<td>1,077</td>
<td>543</td>
<td>101.7</td>
</tr>
<tr>
<td>OCE, SOC, EOC</td>
<td></td>
<td>690</td>
<td>804</td>
<td>909</td>
<td>1,335</td>
<td>1,407</td>
<td>717</td>
<td>103.9</td>
</tr>
<tr>
<td>Graduate Students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UO, OSU, PSU</td>
<td></td>
<td>330</td>
<td>429</td>
<td>429</td>
<td>486</td>
<td>486</td>
<td>156</td>
<td>47.3</td>
</tr>
<tr>
<td>UO Medical &amp; Dental</td>
<td></td>
<td>330</td>
<td>429</td>
<td>429</td>
<td>501</td>
<td>501</td>
<td>171</td>
<td>51.8</td>
</tr>
<tr>
<td>OCE, SOC, EOC</td>
<td></td>
<td>294</td>
<td>393</td>
<td>405</td>
<td>474</td>
<td>486</td>
<td>192</td>
<td>65.3</td>
</tr>
</tbody>
</table>

It was recommended that the Board adopt the report as presented and approve the 1970-71 budget as outlined in the report; it was also recommended that the Board approve the personnel adjustments presented in the volumes "Budget Summaries and Personnel Adjustments for the Fiscal Year Ending June 30, 1971," and Budget Supplement, Year 1970-71."

The Board approved the recommendations presented.

**President's Report**

Mr. Layman announced that the next regular meeting of the Board will be held on Monday, April 27, 1970, on the campus of Oregon College of Education. The Committee meetings are scheduled for Tuesday and Wednesday, April 7 and 8, at Portland State University.

Mr. Layman also reminded the Board of the joint meeting with the State Board of Education on March 11 at 9:30 A.M. in Room 6 of the Capitol Building, Salem.
President Layman said that a group of students from Oregon State University had previously requested an opportunity to express to the Board some of the concerns of various groups at Oregon State University. He indicated that he had scheduled the appearance of the students and he introduced Mr. Harold Britton, President of the Associated Students of Oregon State University, to make the first presentation.

Mr. Britton expressed appreciation to the Board for its responsiveness to the student request for a hearing and said that he believed this was a good way to get student interest and ideas channeled to the Board. He said that the students on the State System campuses were in the process of organizing an interinstitutional student union and that the union is expected to serve as a means of making student interests, abilities and efforts an effective force in trying to solve some of the problems and needs that students see in the State System of Higher Education.

Mr. Britton said that several problems had led to the creation of the interinstitutional student union: (1) the problems connected with the use of the incidental fee; (2) the obligation and responsibility of students to evaluate the effectiveness of the teaching ability of their instructors and to convey that evaluation to the administrators of the institutions; and (3) the need for an effective student voice in the various governmental bodies concerned with higher education. Specifically, he said, the purpose of the Interinstitutional Union of Students of the Oregon State System of Higher Education is stated as follows in the proposed Constitution for the organization:

II. Purpose

The purpose of the union is to provide an organization to represent the interests of the students at each of the institutions of the Oregon State System of Higher Education. This purpose will be achieved by providing through the Union the means to:

1. Develop policies, position statements and take courses of action on matters of common interest to the students of the State System of Higher Education.

2. Present those policies and position statements and recommend course of action to the people of the State of Oregon, the State Board of Higher Education, the Chancellor and other governmental and non-governmental agencies whose actions affect and/or influence the educational, social, cultural, political and economic welfare of the union students.

3. Insure that the power and influence inherent in the combined student bodies of the institutions is properly and effectively marshalled and employed in the best interest of the students and the people of the State of Oregon.
Mr. Britton identified some other specific problems, about which students are concerned, such as enrollment limitations, building priorities and the shifting of the priorities, and the need for additional funding for higher education in Oregon. He indicated student funds had been spent to keep the reserve book room in the Oregon State University library open later at night and said that a bill is pending in the student senate to appropriate an additional $10,000 from incidental fee money to buy books for the library. Mr. Britton said that if the bill passes he will veto it because he believes that it is inappropriate to use student incidental fee money for educational resources which should be provided from state funds and other non-student sources.

Mr. Britton said that it is intended to have a constructive "student revolt" during spring term in which the frustrations of students will be channeled into explaining the needs of higher education to the people of the state and asking them to write to their legislators urging that funds for higher education not be diverted to welfare.

Mr. Holmes pointed out that one of the reasons for the shortage of tax dollars is that the people have refused to vote higher taxes. He said also that the Governor was faced with a choice between meeting the needs of hungry people on welfare and the needs of state agencies.

Mr. Britton said that the students probably would not be successful in getting voters to ask for additional taxes. With respect to the choice between welfare and the other needs of the state, Mr. Britton suggested that it might be better to educate people or provide other assistance which would keep them off welfare. He said that the income of many students is actually within the definition of the poverty level. He indicated that the students plan to ask taxpayers to urge the legislators to change their priorities but that the students did not plan to ask for additional tax dollars. However, they do plan to form a legislative lobby to seek increased support for higher education.

Mr. Ken Ross, ASOSU Vice President, said that his topic concerned the relationship between graduate and undergraduate instruction. He said that publicity has been given to the apparent conflict between graduate instruction, particularly research, and undergraduate instruction, with the implication that undergraduate instruction has suffered because the emphasis on research activities has been too great. He said that, in his opinion, research and undergraduate teaching are complementary rather than antagonistic in most departments and that in several areas undergraduate instruction is even partly financed by funds from research grants. In addition, complex laboratory equipment, used for both graduate and undergraduate instruction and for research, frequently has been purchased from research grant funds. He pointed out that many professors who excel in research also excel in undergraduate teaching.
Mr. Ross said that there were some problems in the area of undergraduate instruction. He referred specifically to the language problem some students have with teaching assistants who are from other countries. He said it would be helpful if a better teaching assistantship program could be developed in order to provide more opportunity for good, individualized instruction. He suggested the use of more and better qualified teaching assistants, and that they be required to meet stricter language requirements and go through an orientation program.

Mr. I. R. White, Graduate Student in Physics, distributed a position paper concerning the incidental and building fees which he said represented the position of one group of students. This group requests that the required student fees be replaced with a system of voluntary fees. He summarized the proposal as follows:

1. The health service fee would be replaced by an extension of the present voluntary health insurance program;

2. Forced student contributions to the athletic department would be replaced by the sale of year-long athletic tickets;

3. Activities supported by the educational activities fund should receive only voluntary support since they actually benefit only a few students, or they are used for purposes to which many students object;

4. The gym suit service should be supported by the physical education department;

5. Since many Memorial Union activities do not benefit all students, the student fee should be abolished except for a relatively small Memorial Union fee to support those activities which would provide university-wide student benefits.

Mr. John Garland, ASOSU Forestry Senator, discussed teacher evaluation by students. He said that students are in a good position to measure a teacher's performance in the classroom. He mentioned that evaluation forms have been used in the past. He said that evaluations should be used more extensively to assist in teaching improvement. He urged that the Board encourage teaching improvement through its support of the evaluation program, innovations in teaching practices, and research on teaching improvement, and provision of financial rewards for teaching quality and improvement as shown by evaluations.

Mr. Dave Bielenberg, ASOSU Inter-Cooperative Council Senator, emphasized the need for additional student housing, particularly for married students and students who wish to live in cooperatives. He said that married students are generally attending school on a more limited budget than single students. He pointed out that the demand for and the retention rate in cooperatives is high because students in cooperatives can have both independence and economy without moving off campus.
Mr. Mario Nunez, ASOSU Public Affairs Chairman, said that it was extremely important for proposed and existing programs that minority students have the financial support necessary to permit the students to benefit from them. He cited the need for tutoring and counseling after the minority students are admitted to the colleges.

In response to a question from Mr. Joss, Mr. Britton said that the interinstitutional student union being organized differed from the previous interinstitutional committee headed by Mr. Russell Sadler. The previous committee was composed of the student body presidents of the seven major institutions and Mr. Sadler was designated as the representative of the committee to observe Board actions and to present student opinions at Board meetings. The proposed organization will be composed of an elected delegate assembly which will prepare resolutions, position papers and elect people to represent the students to the Governor, the Board and the Legislature.

Mr. Joss said that he believed it had been helpful to have one individual who could give the necessary time and attention to being a representative of the students and, in effect to act regularly as a lobbyist, and said that he hoped the new organization would have such an individual.

Mr. Britton indicated that the constitution for the interinstitutional student union had been ratified by three institutions—Eastern Oregon College, Oregon State University, and Oregon College of Education.

Oregon Technical Institute is expected to ratify the constitution in the near future. At the University of Oregon it has been ratified twice by the Student Senate and then vetoed twice by the student body president. At Portland State University, the constitution was ratified by the student body but the ratification was invalid because the number of students voting did not quite meet the minimum percentage of students voting stipulated by the student government for ratification. A meeting is scheduled at Southern Oregon College to discuss the constitution.

It was pointed out that greater student involvement is needed in student government in order for the student groups to be representative of the student body as a whole. It was indicated that students would be more interested in student government if student opinion could be reflected in effective action, and it is expected that the interinstitutional committee may provide the means for translating student opinion into desired changes.

Mr. Rick Gaffney, ASOSU Treasurer, said that the incidental fee bill being considered by the ASOSU Senate had been proposed because the fees are required from every student each term for the purpose of funding programs for the students, and it was felt that the students should have a voice in the allocation of the moneys and in the decisions as to which programs are to be supported.
He said that the incidental fee bill provided initially that the athletic and gym suit service would be dropped from the incidental fees and then a second step would provide for a student instituted incidental fee committee which would have the review powers which the present incidental fee committee now has. A further proposal, which has not been through the student senate, would change the name from incidental fees to student program fees and revamp the incidental fee committee on the basis that the fees would no longer be considered incidental to course instruction. He indicated that most of the present incidental fee is already designated for specific purposes which leaves little opportunity for student decision as to the programs to be funded from the fees.

Mr. Gaffney was asked for his reaction to the proposal made by Mr. White that the incidental fees be collected on a voluntary basis. He said that he was reasonably certain that most taxes would not be collected if they were left to the voluntary responsibility of the individual and he did not think that Mr. White's suggestion would work.

Mr. Abdi Shirazi, ASOSU Foreign Student Senator, discussed the financial difficulties of the foreign students when tuition increases occur after they have entered school and have made the necessary financial arrangements for their education. He mentioned the difficulties of obtaining additional funds from their own countries because of monetary restrictions and the difficulties of transferring credits to schools in their countries if it becomes necessary for them to leave an institution in Oregon. He asked that the Board make a commitment to the foreign student at the time he is accepted in which the costs are defined for the period of the proposed study at the institution. He said that the present policies of increased tuition and enrollment limitations have tended to make the foreign student feel that he is no longer as welcome at the institutions in Oregon as he has been in the past.

Mrs. Johnson said that she did not think the Legislature or the Board intended to restrict foreign students as a group, but that there was a limitation on the number of nonresident students and the foreign students were a part of that classification. He pointed out that a large percentage of the fee remissions for nonresident students was used to assist foreign students.

It was suggested that some consideration should be given to the possibility of two categories of nonresident students – one for foreign students and the other for domestic nonresident students – because the two groups face different problems in terms of increased costs.

Mr. Douglas Sweet, a senior in humanities and social sciences said that general student opinion is seldom evidenced by student government officers. He said that students do have a voice in the institution and that there are possibilities for expression of student views, but the ability to effect change is severely limited. He then pointed out
that the student government is recognized as the legitimate organization for the expression of student opinion but that it does not necessarily represent other student opinion which has no legitimate avenue of expression.

Mrs. Johnson asked what he would substitute for student government and Mr. Sweet said that if it were necessary to choose between a student government which does nothing and no student government at all, he would choose not to have any student government. Mrs. Johnson suggested that if the student representatives do not represent the students, they could vote for different representatives who would. Mr. Sweet responded that when the elected representatives do not represent the students, the students become discouraged and tend not to vote or become involved.

Mr. Roger Harris, ASOSU Humanities and Social Science Senator, described the lack of facilities for the School of Humanities and Social Science. He said that the faculty and students occupy buildings that are substandard and crowded. Even though the number of students enrolled in the school has increased 167 percent between 1960 and 1968, the faculty has increased only 43 percent in the same period. He said the following problems are preventing the school from realizing its full potential:

1. Office space for faculty is not adequate and is scattered through seven buildings, three of which are condemned.

2. Faculty salaries are not competitive and are becoming even less so. Unless outstanding faculty is secured and retained, research grants will not be obtained to help expand the graduate program in the School of Humanities and Social Science.

3. The school has no building of its own.

4. The attitude that Oregon State University is a technically-applied, science-applied and oriented university must change and it must be recognized that the School of Humanities and Social Science also teaches a large number of the credit hours carried by students who major in the technical fields.

Mr. Charles Larson, Sophomore Class President, said that in preparing the report of the interinstitutional student fee committee, the committee did not really find out what the students wanted. He said the present provision for learning student opinions really did not change the effectiveness of student participation as long as the students were outnumbered on the committee by the faculty.

Mr. Larson then emphasized the need for improvement in undergraduate instruction because he said many students were frustrated in their attempts to get adequate assistance in understanding their course work.
In summary, it was indicated that student opinions differ on the effectiveness of undergraduate instruction and whether it is affected by too great an emphasis on graduate research and instruction. Opinions also differ on whether student government is representative of student opinion. However, both the Board and the students agreed that student appearances before the Board and the expressions of student opinion were valuable and should be continued and increased.
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 1969-70 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective October 1, 1969. The Board approved the recommendation as presented.

<table>
<thead>
<tr>
<th>Budgeted Name, Rank, and/or Title, Department</th>
<th>Mo. of Present Service</th>
<th>Recommended</th>
<th>Source Salary Rate</th>
<th>Salary Rate of Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State University</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. D. J. Baist ed, Associate Professor,</td>
<td>9  $10,941</td>
<td>$11,550</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Biochemistry and Biophysics</td>
<td></td>
<td></td>
<td>(Has been employed under Career Development award; increase to place his salary at rate of other faculty members with similar rank and years of service; effective January 5, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Dr. Richard Couch, Assistant Professor,</td>
<td>12 14,000</td>
<td>14,208</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Oceanography</td>
<td></td>
<td></td>
<td>(To retain his services.)</td>
<td></td>
</tr>
<tr>
<td>Dr. G. Ross Heath, Assistant Professor,</td>
<td>12 11,275</td>
<td>11,748</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Oceanography</td>
<td></td>
<td></td>
<td>(In recognition of good performance and to make salary competitive with that at other institutions.)</td>
<td></td>
</tr>
<tr>
<td>Dr. Donald Heinrichs, Assistant Professor,</td>
<td>12 13,020</td>
<td>13,500</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Oceanography</td>
<td></td>
<td></td>
<td>(To retain his services.)</td>
<td></td>
</tr>
<tr>
<td>Dr. Ed Moore, Assistant Professor,</td>
<td>12 11,275</td>
<td>11,748</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Oceanography</td>
<td></td>
<td></td>
<td>(In recognition of good performance and to make salary competitive with that at other institutions.)</td>
<td></td>
</tr>
<tr>
<td>Dr. William Pearcy, Professor, Oceanography</td>
<td>12 15,120</td>
<td>15,600</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Mr. Ellis Rittenhouse, Associate Professor,</td>
<td>12 13,476</td>
<td>13,692</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Oceanography</td>
<td></td>
<td></td>
<td>(Received minimal raise previously and to retain his services.)</td>
<td></td>
</tr>
<tr>
<td>Mrs. Hattie M. Nixon, Assistant Professor,</td>
<td>9 8,000</td>
<td>8,544</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>Home Economics</td>
<td></td>
<td></td>
<td>(In recognition of performance in carrying out responsibilities on an interim basis during fall term; effective January 5, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Dr. Larry C. Hunter, Acting Director of</td>
<td>12 22,044</td>
<td>22,705</td>
<td>Budget &amp; Grant</td>
<td></td>
</tr>
<tr>
<td>Computer Center</td>
<td></td>
<td></td>
<td>(Appointment as Director of the Computer Center; effective January 1, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Dr. W. Curtis Johnson, Assistant Professor,</td>
<td>9 to 12 $11,100</td>
<td>$14,252</td>
<td>Grant</td>
<td></td>
</tr>
<tr>
<td>Biochemistry and Biophysics</td>
<td></td>
<td></td>
<td>(Increase provided in Career Development Award; effective January 1; 1970.)</td>
<td></td>
</tr>
<tr>
<td>Mr. Thomas R. Bunch, Associate Professor,</td>
<td>12 12,372</td>
<td>13,020</td>
<td>Budget</td>
<td></td>
</tr>
<tr>
<td>County Extension Agent</td>
<td></td>
<td></td>
<td>(Appointment as Extension Staff Chairman for Crook County; effective January 19, 1970.)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Rank and Title</td>
<td>Current Service</td>
<td>New Present Service</td>
<td>New Salary</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------</td>
<td>-----------------</td>
<td>---------------------</td>
<td>------------</td>
</tr>
<tr>
<td><strong>University of Oregon</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. N. Ray Hawk, Dean of Administration</td>
<td>Director, University Relations; Professor of Education</td>
<td>12</td>
<td>23,650</td>
<td>27,500</td>
</tr>
<tr>
<td>Dr. Embert A. Fossum, Associate Director of University Relations, Director of Alumni Activities with rank of Assistant Professor</td>
<td></td>
<td>12</td>
<td>11,196</td>
<td>13,000</td>
</tr>
<tr>
<td>Mr. Gerald Bogen, Assistant to the Dean of Administration</td>
<td></td>
<td>12</td>
<td>12,372</td>
<td>15,000</td>
</tr>
<tr>
<td>Dr. Paul Swadener, Assistant Professor of Business Administration</td>
<td></td>
<td>12</td>
<td>16,174</td>
<td>16,500</td>
</tr>
<tr>
<td>Dr. Stanley C. Vance, Head, Department of Personnel &amp; Industrial Management</td>
<td></td>
<td>9</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Mrs. Patricia Pond, Acting Assistant Professor of Librarianship and Acting Assistant Professor of Education</td>
<td></td>
<td>9</td>
<td>10,700</td>
<td>11,000</td>
</tr>
<tr>
<td><strong>Portland State University</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mr. Julius William Wilkerson, Director of the Operation PLUS Program</td>
<td></td>
<td>12</td>
<td>10,500</td>
<td>13,172</td>
</tr>
<tr>
<td>Dr. William A. Jenkins, Professor of Education and Acting Dean</td>
<td></td>
<td>12 to 9</td>
<td>19,104</td>
<td>15,660</td>
</tr>
<tr>
<td><strong>Oregon Technical Institute</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mr. William Grimes, Associate Professor, Engineering Associates-Electronics</td>
<td></td>
<td>9</td>
<td>13,272</td>
<td>13,596</td>
</tr>
<tr>
<td><strong>Teaching Research Division</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. James Nord, Assistant Research Professor</td>
<td></td>
<td>10-12</td>
<td>13,500</td>
<td>14,004</td>
</tr>
</tbody>
</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

**Oregon State University**

Scholarships & Fellowships

Gifts totaling $89,004.45 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Donor Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>The African-American Institute, New York City</td>
<td>$10,608.50</td>
</tr>
<tr>
<td>American Baptist Student Aid Programs, Valley Forge, Pennsylvania</td>
<td>100.00</td>
</tr>
<tr>
<td>Anonymous Donor</td>
<td>150.00</td>
</tr>
<tr>
<td>Astoria High School, Astoria</td>
<td>150.00</td>
</tr>
<tr>
<td>Baseball, Office of the Commissioner, New York City</td>
<td>667.00</td>
</tr>
<tr>
<td>Bate Plywood Company, Inc., Merlin</td>
<td>100.00</td>
</tr>
<tr>
<td>Bechtel Corporation, San Francisco, California</td>
<td>2,566.00</td>
</tr>
<tr>
<td>Benton County Medical Auxiliary, Corvallis</td>
<td>300.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1680, Burns</td>
<td>150.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1413, Corvallis</td>
<td>1,353.00</td>
</tr>
<tr>
<td>Elks Lodge No. 358, Heppner</td>
<td>100.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1862, Hillsboro</td>
<td>475.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1663, Lebanon</td>
<td>500.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1189, Oregon City</td>
<td>900.00</td>
</tr>
<tr>
<td>Elks Lodge No. 288, Pendleton</td>
<td>400.00</td>
</tr>
<tr>
<td>Elks Lodge No. 142, Portland</td>
<td>100.00</td>
</tr>
<tr>
<td>Elks Lodge No. 336, Salem</td>
<td>400.00</td>
</tr>
<tr>
<td>Elks Lodge No. 2145, Springfield</td>
<td>300.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1437, Tillamook</td>
<td>200.00</td>
</tr>
<tr>
<td>Elks Lodge No. 1664, Toledo</td>
<td>600.00</td>
</tr>
<tr>
<td>Britt Memorial Scholarship Committee, Medford</td>
<td>450.00</td>
</tr>
<tr>
<td>Business and Professional Women's Club, Junction City</td>
<td>408.00</td>
</tr>
<tr>
<td>The Carpenter Foundation Scholarship, through Ashland Senior High School, Ashland</td>
<td>251.00</td>
</tr>
<tr>
<td>The Carpenter Foundation Scholarship, through School District No. 6, Central Point</td>
<td>150.00</td>
</tr>
<tr>
<td>School District No. 6, Central Point</td>
<td>666.65</td>
</tr>
<tr>
<td>Clarkson College of Technology, Potsdam, New York</td>
<td>175.00</td>
</tr>
<tr>
<td>Cleveland High School Girls League Scholarship, Portland</td>
<td>116.00</td>
</tr>
<tr>
<td>The Colonial Dames of America, New York City</td>
<td>350.00</td>
</tr>
<tr>
<td>Confederated Tribes of The Umatilla Indian Reservation, Pendleton</td>
<td>830.00</td>
</tr>
<tr>
<td>Corvallis Woman's Club, Corvallis</td>
<td>408.00</td>
</tr>
<tr>
<td>Creswell High School, Creswell</td>
<td>123.00</td>
</tr>
<tr>
<td>Cummins Engine Company, Inc., Columbus, Indiana</td>
<td>600.00</td>
</tr>
<tr>
<td>Douglas Medical Foundation, Roseburg</td>
<td>246.00</td>
</tr>
<tr>
<td>Electrical Women's Round Table, Gresham</td>
<td>150.00</td>
</tr>
<tr>
<td>Elks National Foundation, Chicago, Illinois</td>
<td>1,200.00</td>
</tr>
<tr>
<td>Organization/Merchandise</td>
<td>Amount</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>ESCO Corporation, Portland</td>
<td>$ 500.00</td>
</tr>
<tr>
<td>Executive Life Insurance Company, Beverly Hills, California</td>
<td>200.00</td>
</tr>
<tr>
<td>First National Bank of Oregon, Portland</td>
<td>408.00</td>
</tr>
<tr>
<td>Ford Motor Company Fund, Dearborn, Michigan</td>
<td>1,278.00</td>
</tr>
<tr>
<td>Benjamin Franklin Federal Savings and Loan Association, The Dalles</td>
<td>192.32</td>
</tr>
<tr>
<td>Funds for Education, Inc., Manchester, New Hampshire</td>
<td>400.00</td>
</tr>
<tr>
<td>General Motors Corporation, Detroit, Michigan</td>
<td>710.00</td>
</tr>
<tr>
<td>Georgia-Pacific Foundation, Portland</td>
<td>2,250.00</td>
</tr>
<tr>
<td>Gervais Union High School District Parents Club, Gervais</td>
<td>100.00</td>
</tr>
<tr>
<td>W. R. Grace &amp; Company, Kansas City, Missouri</td>
<td>369.00</td>
</tr>
<tr>
<td>School District No. 7, Grants Pass</td>
<td>433.32</td>
</tr>
<tr>
<td>Mrs. Frances C. Hall, Tacoma, Washington</td>
<td>275.00</td>
</tr>
<tr>
<td>Mrs. Arlene L. Harland, Eugene</td>
<td>369.00</td>
</tr>
<tr>
<td>William Randolph Hearst Foundation, San Francisco, California</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Hector Campbell Parent-Teacher Association, Milwaukie</td>
<td>200.00</td>
</tr>
<tr>
<td>Hillsboro Jaycees, Hillsboro</td>
<td>100.00</td>
</tr>
<tr>
<td>Hillsboro Senior High School, Hillsboro</td>
<td>100.00</td>
</tr>
<tr>
<td>Hui-O-Hawaii, Corvallis</td>
<td>225.00</td>
</tr>
<tr>
<td>The Jackson Foundation, through the U. S. National Bank of Oregon, Portland</td>
<td>3,000.00</td>
</tr>
<tr>
<td>Jefferson High School, Portland</td>
<td>200.00</td>
</tr>
<tr>
<td>Robert Johnson Trust Fund</td>
<td>1,041.97</td>
</tr>
<tr>
<td>S. S. Johnson Foundation, Redmond</td>
<td>400.00</td>
</tr>
<tr>
<td>Junction City Parent-Teacher Association</td>
<td>134.00</td>
</tr>
<tr>
<td>Kiwanis Club of Coliseum, Portland</td>
<td>100.00</td>
</tr>
<tr>
<td>Kiwanis Club, Woodburn</td>
<td>250.00</td>
</tr>
<tr>
<td>Lions Club, Mapleton</td>
<td>250.00</td>
</tr>
<tr>
<td>Lions Club, McMinnville</td>
<td>375.00</td>
</tr>
<tr>
<td>Los Angeles Times Fund, Los Angeles, California</td>
<td>250.00</td>
</tr>
<tr>
<td>Madras Produce Company, Madras</td>
<td>369.00</td>
</tr>
<tr>
<td>Marcola Get-Together Club, Marcola</td>
<td>100.00</td>
</tr>
<tr>
<td>The George C. Marshall Regional High School, New York City</td>
<td>250.00</td>
</tr>
<tr>
<td>K. E. McKay of Coos Bay, Inc., Coos Bay</td>
<td>625.00</td>
</tr>
<tr>
<td>McKenzie Educational Association, Finn Rock</td>
<td>200.00</td>
</tr>
<tr>
<td>Medford Senior High School (The Carpenter Foundation), Medford</td>
<td>133.00</td>
</tr>
<tr>
<td>Medford Senior High School (various donors)</td>
<td>2,066.00</td>
</tr>
<tr>
<td>Meier &amp; Frank Company, Portland</td>
<td>400.00</td>
</tr>
<tr>
<td>Merck &amp; Co., Inc., Rahway, New Jersey</td>
<td>300.00</td>
</tr>
<tr>
<td>Mineral Ridge High School Parent-Teacher Association, Niles, Ohio</td>
<td>100.00</td>
</tr>
<tr>
<td>Mt. Tabor Presbyterian Church, Portland</td>
<td>150.00</td>
</tr>
<tr>
<td>Multnomah County School District No. 1, Portland</td>
<td>300.00</td>
</tr>
<tr>
<td>NSPE Educational Foundation, Washington, D.C.</td>
<td>750.00</td>
</tr>
<tr>
<td>The National Scholarship Trust Fund, through the Graphic Arts Technical Center, Pittsburgh, Pennsylvania</td>
<td>250.00</td>
</tr>
</tbody>
</table>
National Society Daughters of the American Revolution  
Doris J. Neeley Memorial Fund, through the  
Oakland Public Schools, Oakland  
Mr. and Mrs. R. R. Noble, Sandy  
Oregon Beef Council and The Oregon Cattlemen's Association, Portland  
Oregon Congress of Parents and Teachers, Inc., Portland  
Oregon Federation of Business and Professional Women's Clubs, Portland  
Oregon Fryer Commission, Salem  
Oregon Home Economics Association, Portland  
Oregon Industrial Education Association, Philomath  
ONC Scholarship Foundation, Palo Alto, California  
Oregon Pepsi-Cola Bottlers Scholarship Foundation, Seaside  
Oregon State Grange, Portland  
Oregon State University Folk Club, Corvallis  
Oregon State University Foundation, Corvallis  
Oregon State University Mother's Club, Ashland  
Oregon Turkey Improvement Association, Corvallis  
The Peat, Marwick, Mitchell Foundation  
Pennsylvania Higher Education Assistance Agency, Harrisburg, Pennsylvania  
Pepsi-Cola Bottling Company of Portland, Portland  
Phoenix High School, Phoenix  
Portland Professional Chapter of Theta Sigma Phi, Portland  
Price-Waterhouse Foundation  
Rainier Union High School, Rainier  
Mr. and Mrs. H. Frank Ramsey, Corvallis  
Rotary Club, Cottage Grove  
Rotary Club, Hermiston  
Rotary Club, Pendleton  
St. Paul Public Schools, St. Paul  
Sandy Business & Professional Women's Club, Sandy  
Sandy Union High School, Sandy  
Carl J. Saxsonmeier, Jr., Scholarship Fund, through California State Association of Letter Carriers, San Francisco, California  
Scio Classroom Teachers Association, Scio  
The Sears Roebuck Foundation, Skokie, Illinois  
Security Investments, Inc., The Dalles  
Shelton High School, Shelton, Washington  
Silverton Union High School, Silverton  
Soroptimist Club of The Dalles  
Southwest Hills Kiwanis Club, Portland  
The S&H Foundation, Inc., New York City  
Standard Oil Company of California, San Francisco, California  
Standard Oil Company of California, through the Oregon State Department of Education, Salem  
Stanford University, Stanford, California
State Mutual Savings and Loan Association,  
Los Angeles, California  $ 2,477.00
Sunset High School Associated Students,  
Beaverton  100.00
Texaco, Inc., New York City  1,800.00
Tillamook High School, Tillamook  175.00
Tulana Farms, Klamath Falls  369.00
Union Oil Co. of California Foundation,  
Los Angeles, California  500.00
U. S. National Bank of Oregon, Portland  2,359.00
U. S. National Bank of Oregon, through the Oregon  
State Department of Education, Salem  300.00
U. S. National Bank of Oregon, Salem-Cockerline  
Memorial Trust Fund, Salem  146.66
The Urban League of Portland, Portland  415.00
Vassar College, Poughkeepsie, New York  445.00
West Union Community Club, Hillsboro  200.00
Yamhill-Carlton High School, Parent-Teacher  
Association, Yamhill  120.00
Arthur Young Company  250.00
Zaik and Miller, Architects - The Urban League  
of Portland, Portland  219.00

Buehler Company  Grant of $500 from the Buehler Company, Evanston, Illinois, to  
accommodate expenditures under this gift, under the direction of  
Dr. Roger D. Olleman, Acting Head of Metallurgical Engineering.

Chintimini Kennel Club  Gift of $150 from the Chintimini Kennel Club, Corvallis, to the  
Chintimini Kennel Club Loan Fund.

Columbia County Community Action Team  Grant of $20,000 from the Columbia County Community Action Team,  
Scappoose, "to conduct home economics education for low income  
family groups," January 2 through June 30, 1970, under the direc-  
tion of Mr. Gene M. Lear, Director, Extension Service.

First Federal Savings and Loan Fund  Gift of $250 from the First Federal Savings and Loan Association,  
Klamath Falls, as an annual contribution to the Student Loan  
Fund.

The Hewlett-Packard Company  Gift of a Type 8601 Signal Generator, valued at $1,975, from The  
Hewlett-Packard Company, Palo Alto, California, to be used in the  
communications laboratory of the Department of Electrical and  
Electronics Engineering.

Mrs. C. Holt  Gift of an antique British doctor's travel case, valued at $300,  
from Mrs. Curtis Holt, Portland, presented to the School of  
Pharmacy.

The Micro-manipulator Company  Gift of a Micromanipulator Test Station with microscope and eyepiece,  
valued at $2,032, from the Micromanipulator Company, Escondido,  
California, to be used in the Solid State Laboratory.

Mobil Oil Company  Gift of geophysical equipment, valued at $12,000, from the Mobil  
Oil Company, for use in geophysical research.
Motorola Semiconductor Products, Inc. Gift of 13,099 commercial transistors, valued at $6,000, from the Motorola Semiconductor Products, Inc., for use by undergraduate and graduate students in their study of electrical engineering.

National Aeronautics and Space Administration Grant of $25,447 from the National Aeronautics and Space Administration, Washington, D.C., for research entitled, "Physiological Ecology of Cryophilic Algae and Their Responses to Simulated Martian Environment," January 1 through December 31, 1970, under the direction of Dr. Herbert Curl, Jr., Professor of Oceanography.

National Lead Company, Baroid Division Grant of $3,200 from the National Lead Company, Baroid Division, Houston, Texas, in continued support of research entitled, "Study of Synthesis of Organic Clay, including graduate fellowship," October 1 through December 31, 1969, under the direction of Dr. W. H. Slabaugh, Professor, Department of Chemistry.

National Science Foundation Grants totaling $1,081,525 from the National Science Foundation, Washington, D. C., for research, training programs, and other purposes, as follows:

1. $4,400 - "Planning Session on Large-Scale Long-Period-Air Interaction Research in the Pacific Ocean," February 1, 1970, through January 31, 1971, under the direction of Dr. Wayne V. Burt and Dr. June G. Pattullo, Professors of Oceanography.

2. $11,000 - "Undergraduate Research Participation Costs," December 29, 1969, through October 31, 1970, under the direction of Dr. Theran D. Parsons, Associate Professor of Chemistry.

3. $12,074 - "Student Science Training Program," December 17, 1969, through October 31, 1970, under the direction of Dr. Harold E. Enlows, Associate Professor of Geology.

4. $16,000 - "Gill Development and Its Role in Osmoregulation in Fishes," December 15, 1969, through December 14, 1971, under the direction of Dr. Frank P. Conte, Associate Professor of Zoology.

5. $117,000 - "Geologic Studies of Selected Parts of the Mid-Atlantic and Walvis Ridges in the South Atlantic," December 15, 1969, through December 14, 1971, under the direction of Dr. T. H. van Andel, Professor, Department of Oceanography.

6. $90,550 - "To accommodate expenditures for scientific purposes under an institutional grant for science for research projects to be selected by Oregon State University in general areas previously funded by the federal granting agencies," November 26, 1969, through November 30, 1970, under the direction of Dr. Roy A. Young, Dean of Research.

7. $94,200 - "Sedimentation and Stratigraphy of Deep Sea Environments in the Northeast Pacific," December 31, 1969, through November 30, 1971, under the direction of Dr. Laverne D. Kulm, Professor of Oceanography, and Dr. Gerald A. Fowler, Assistant Professor of Oceanography.
8. $62,700 - "Tidal Zone Ecology at Palmer Station, Anvers Island, Antarctica," December 1, 1969, through May 31, 1972, under the direction of Dr. Joel W. Hedgpeth, Director of the Marine Science Center.

9. $69,421 - "Summer Institute in Basic Sciences for Secondary School Teachers," December 1, 1969, through September 30, 1970, under the direction of Dr. Fred W. Fox, Professor of Science Education.


11. $4,800 - "Undergraduate Research Participation Costs," December 29, 1969, through October 31, 1970, under the direction of Dr. William C. Denison, Associate Professor of Botany.

12. $35,100 - "A Standard Biostratigraphic Sequence for the Lower and Middle Devonian in Western North America," February 1, 1970, through January 21, 1972, under the direction of Dr. J. Granville Johnson, Assistant Professor of Geology.

13. $44,600 - "Mechanism of Thermal Reactions of Polynenes," February 1, 1970, through January 31, 1972, under the direction of Dr. Elliot N. Marvell, Professor of Chemistry.

14. $28,100 - "Root Pathogen Regulation by Red-Alder," February 1, 1970, through January 31, 1972, under the direction of Dr. W. B. Bollen, Professor of Soil Microbiology.

15. $420,000 - "Research Vessel Operations," December 1, 1969, through November 30, 1970, under the direction of Dr. Wayne V. Burt, Professor of Oceanography.

Oregon Chapter, American Society for Metals
Grant of $100 from the Oregon Chapter of the American Society for Metals, Portland, "to be used to add to the W. J. Kroll Metallurgical Collection in the Library during the 1969-70 academic year."

Oregon Heart Association
Grant of $9,000 from the Oregon Heart Association, Portland, for research entitled, "Studies on the Pharmacology of the Human Umbilical Cord," January 1 through December 31, 1970, under the direction of Dr. Ronald H. Winters, Assistant Professor of Pharmacology.

Mrs. A. Slater
Gift of $250 from Mrs. Aleta Slater, Oakland, California, to be added to the Ben Slater Memorial Fund.
Spencer Aircraft Industries
Gift of a Stabiline Voltage Regulator, valued at $500, from Spencer Aircraft Industries, Seattle, Washington, to be used by the Chemistry Department to stabilize voltage for an instrument room or a building.

Tektronix, Inc.
Grant of $680 from Tektronix, Inc., Beaverton, "to assist in making the purchase of the Tektronix 575 transistor curve tracer for the Department of Industrial Education," to be used in the Electronics teacher education program.

Texas Instrument Foundation
Gift of semiconductor products, valued at $2,500, from the Texas Instrument Foundation, Dallas, Texas, for use in the Electrical and Electronics Engineering Department to help provide modern laboratory facilities for students.

U. S. Atomic Energy Commission
Grants of $5,523 from the U. S. Atomic Energy Commission, Richland, Washington, for a "Study of Tonocite," October 1 through December 31, 1969, under the direction of Dr. Frank P. Conte, Associate Professor of Zoology.

U. S. Dept. of the Navy; Office of Naval Research
Grants totaling $881,765 from the U. S. Navy Department, Office of Naval Research, Washington, D.C., for research as follows:

1. $12,000 - "Research in Energy Conversion," March 1, 1968, through July 31, 1970, under the direction of Dr. John C. Declus, Professor of Chemistry.


3. $3,000 - "For Oceanography Research," July 1, 1969, through July 31, 1970, under the direction of Dr. Wayne V. Burt.

U. S. Public Health Service
Grants totaling $487,337 from the U. S. Public Health Service, Washington, D.C., for research, training programs, fellowships and other purposes, January 1 through December 31, 1970, unless otherwise indicated as follows:

1. $21,248 - "Steroid and Terpenes Metabolism," under the direction of Dr. Derek J. Baisted, Assistant Professor of Biochemistry.

2. $19,316 - "Role of Univalent Cations in Nutrition," under the direction of Dr. Harold S. Evans, Professor of Plant Pathology.

3. $7,000 - "For operational and participant costs under a predoctoral fellowship in behalf of David G. Junge," under the direction of Dr. Richard W. Boubel, Professor of Mechanical Engineering.

4. $6,600 - "For operational and participant costs under a predoctoral fellowship in behalf of John A. Jaksch," under the direction of Dr. Herbert Stoevener, Assistant Professor of Agricultural Economics. This award is an Air Pollution Special Fellowship.
5. $356,629 - "Environmental Toxicology of Pesticides," November 1, 1969, through October 31, 1970, under the direction of Dr. Virgil Freed, Head of Agricultural Chemistry.

6. $24,268 - "Selenium Interaction in Fatty Acid Metabolism," December 1, 1969, through November 30, 1970, under the direction of Dr. Philip D. Whanger, Assistant Professor of Agricultural Chemistry.

7. $17,001 - "DNA-Hydrocarbon and DNA Aromatic Amine Binding," February 1, 1970, through January 31, 1971, under the direction of Dr. Irvin Isenberg, Professor of Biophysics.

8. $275 - "To accommodate expenditures for costs under a predoctoral fellowship award in behalf of Stephen G. Martin," September 7, 1969, through March 24, 1970, under the direction of Dr. John A. Wiens, Assistant Professor of Zoology.

9. $35,000 - "Detoxication Mechanics in Insects," December 1, 1969, through November 31, 1970, under the direction of Dr. Leon C. Terriere, Professor of Entomology.

**Westinghouse Electric Corporation**

Gift of two Westinghouse Power Semiconductor Designer's Kits, valued at $7,180, from Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, to aid classroom instruction in the electrical engineering programs.

**Grants to **

**Agric. Exper. Station:**

**Agricultural Research Foundation**

$495 - "Development of Verticillium-Resistant Mint Varieties," under the direction of Dr. C. E. Horner, Professor of Plant Pathology.


**American Cyanamid Company**

$2,000 - "Zanil Trial in Cattle at Malin, Oregon," under the direction of Dr. S. E. Knapp, Professor of Veterinary Parasitology.

**R. M. Bullock**

Gift of books and periodicals, valued at $675, for use at the North Willamette Experiment Station.

**Carlton Rose Nursery**

$300 - "To Develop Virus-Free Nursery Stock," under the direction of Dr. Lloyd Cochran, Professor of Botany & Plant Pathology.

**Chewings Fescue & Creeping Red Fescue Commission**

$2,500 - "Forage Breeding," under the direction of Dr. R. V. Frakes, Associate Professor of Plant Breeding Farm Crops.

**Curry County**

$1,125 - "Research on Resistance of Port Orford Cedar to Phytophthora Root Rot," under the direction of Dr. Lewis Roth, Professor of Botany.
Walt L. Dutton
Volumes 1-22 of the Journal of Range Management, valued at $330, to be used in Library in support of Range Resources Program.

Essential Oil Growers League
$1,153.13 - "Research on Mint Diseases," under the direction of Dr. C. E. Horner, Professor of Plant Pathology.

Hercules Incorporated
$1,250 - "Weed Control Research," under the direction of Dr. A. P. Appleby, Associate Professor of Agronomy.

Herman Frasch Foundation
$2,400 - "A Study on the Effect of 2,4D on Protein and Nucleic Acid Biosynthesis," under the direction of Dr. R. O. Morris, Assistant Professor of Agricultural Chemistry.

Miller Morton Company
$6,000 - "Control of External Parasite of Pet Animals by Means of Systemic Insecticides," under the direction of Dr. R. L. Goulding, Associate Professor of Entomology.

The Oregon Cattlemen's Association
$823.81 - "Impact of Changes in Market Structure & Technology on the Beef Cattle Industry," under the direction of Dr. James Youde, Assistant Professor of Agricultural Economics.

Oregon Processed Prune and Plum Growers Commission
$8,000 - "Research on Problems of Importance to the Prune and Plum Industry," under the direction of Dr. M. N. Westwood, Professor of Horticulture; Dr. Maxine Thompson, Assistant Professor of Horticulture; and Dr. H. R. Cameron, Associate Professor of Plant Pathology.

Oregon Ryegrass Growers Seed Commission
$13,200 - "In Support of Oregon Field Burning Research," under the direction of Dr. D. O. Chilcote, Associate Professor of Crop Physiology.

O. S. U. Foundation
$3,500 - "Growth and Development of Ornamental Plants as Related to Environmental Factors and Their Control," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

Selenium-Tellurium Development Association
$3,000 - "A Study Concerning the Production of the Elements Selenium and Tellurium," under the direction of Dr. J. R. Harr, Associate Professor of Veterinary Medicine.

Shell Development Company
$3,000 - "Herbicide Studies under Oregon Conditions," under the direction of Dr. A. P. Appleby, Associate Professor of Agronomy.

Oregon Fish and Game Commission
$39,000 - "Research Project on Infectious Disease of Salmonid Fishes," under the direction of Dr. J. L. Fryer, Associate Professor of Microbiology.
Meeting #383-106

March 10, 1970

U. S. Bureau of Commercial Fisheries

$3,540 - "Effects of Logging on Salmon Populations in Coastal Streams," under the direction of Dr. J. D. Hall, Assistant Professor of Fisheries.

U.S.D.A Agricultural Research Service

$7,500 - "Inter-relationship between Mycoplasma of Plants and Animals," under the direction of Dr. James O. Stevens, Assistant Professor of Veterinary Medicine.

U.S.D.I Bureau of Land Management

$20,000 - "Development, Testing and Refining of a Resource Analysis Methodology," under the direction of Dr. C. E. Poulton, Professor of Range Ecology.

$6,000 - "Big Game Management through Bio-Economic Models," under the direction of Dr. William G. Brown, Professor of Agricultural Economics.

Ward Farms, Inc.

$500 - "Research on Small Fruit Diseases," under the direction of Dr. R. Converse, Professor of Plant Pathology.

Washington State Fruit Commission

$7,000 - "Research on Physiology and Cause of Premature Ripening in Bartlett Pears," under the direction of Mr. W. M. Mellenthin, Professor of Horticulture.

Gifts to the Library:

Gifts to the Oregon State University Library from the following donors:

Mrs. F. E. Amstutz

Law books, valued at $1,830, from Mrs. Frieda E. Amstutz, Gresham, from the library of the late Mr. Elam Amstutz for student and faculty use.

M. C. Faux

Accounting books, valued at $128.06, from Mr. M. Charles Faux, Corvallis, for the use of faculty and students.

F. A. Gilfillan

Three rare volumes, valued at $270, from Dean F. A. Gilfillan, Corvallis, in memory of Mrs. Jessie Pattee Gilfillan and Mrs. Louise Lewis Odekirk. The gift consisted of the following:

1. 1525: Caes Plinius Secundus, HISTORIA MUNDI
2. 1591: Euclid, ELEMENTORIUM GEOMETRIAE LIBRI XV
3. 1576: Gio B. Susio, LIBRO DEL CONOSCERE LA PESTILENZA

Mrs. A. Jorve

Volumes of miscellaneous books, valued at $482.43, from Mrs. Adelaine Jorve, Orange, California.

RCA Records

Miscellaneous recordings of music, valued at $229.77, from RCA Records, New York City.

H. Spence

Twenty-nine volumes of Science-Technology books, valued at $193.71, from Mr. Harry Spence, Corvallis.

R. E. Whitmer

Forty volumes of history and miscellaneous books, valued at $156.80, from Mr. R. E. Whitmer, Corvallis.
University of Oregon

Scholarships & Fellowships: Gifts totaling $70,333.07 from the following donors for scholarships and fellowships:

- Aid Association for Lutherans All-College Scholarship, Appleton, Wisconsin $200.00
- Albany Altrusa Club, Tangent 200.00
- Altrusa Club of Pendleton, Echo 300.00
- Alpha Phi Alumnae Scholarship, Eugene 150.00
- American Association of University Women, Klamath Falls 400.00
- American Association of University Women, Glendale, California 200.00
- American Federation of Mineralogical Societies Scholarship Fund, Anchorage, Alaska 100.00
- American Legion Auxiliary, Department of Oregon, Dundee 150.00
- Analy Scholarship Fund, Sebastopol, California 200.00
- Army Relief Society, New York City 125.00
- Astoria Regatta Association, Astoria 100.00
- Benton County Medical Auxiliary, Corvallis 150.00
- Boise Cascade Corporation Foundation, Inc., Boise, Idaho 1,000.00
- Britt Memorial Scholarship Fund, Medford 750.00
- John P. Burke Scholarship Award, through the International Brotherhood of Pulp, Sulphite, and Paper Mill Workers, Fort Edward, New York 1,000.00
- The Carpenter Foundation Scholarship, through School District No. 6, Central Point 266.66
- The Carpenter Foundation, through Medford Senior High School, Medford 3,626.00
- The Carpenter Foundation, through Phoenix High School, Phoenix 118.00
- Child Welfare Scholarship, through the American Legion Auxiliary, Department of Oregon, Dundee 250.00
- Cornell Children's Tuition Scholarship, Ithaca, New York 136.00
- Criswell Scholarship Fund through the U.S. National Bank of Oregon, Portland 1,500.00
- Crow Tribal Scholarship, Crow Indian Agency, Crow Agency, Montana 150.00
- Crown Zellerbach Foundation, San Francisco, California 2,250.00
- Degree of Honor Protective Association, St. Paul, Minnesota 400.00
- Delta Kappa Gamma, Newberg 369.00
- Demaray Scholarship Fund, through the First National Bank of Oregon, Portland 533.33
- Elks Lodge No. 358, Heppner 400.00
- Elks Lodge, Prineville 200.00
- Elks Lodge No. 326, Roseburg 450.00
- Elks National Foundation Scholarship, Chicago, Illinois 900.00
- Elks Department of Education, Memphis, Tennessee 125.00
- Eugene Rotary Foundation, Eugene 1,224.00
- Evans Scholars Foundation, Golf, Illinois 6,497.00
<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freeport Teachers Association, Freeport, New York</td>
<td>$400.00</td>
</tr>
<tr>
<td>General Motors Corporation, Detroit, Michigan</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>Georgia-Pacific Foundation, Portland</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>Grand Chapter, Order of the Eastern Star of Oregon, Salem</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Green Valley Lumber Company Scholarship Fund, through the First National Bank of Oregon, Roseburg</td>
<td>$333.33</td>
</tr>
<tr>
<td>The Grolier Foundation, Inc., New York City</td>
<td>$150.00</td>
</tr>
<tr>
<td>Hercules Incorporated, Wilmington, Delaware</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>International Women's Fishing Association Scholarship Trust, Palm Beach, Florida</td>
<td>$807.00</td>
</tr>
<tr>
<td>Jackson Foundation, through U. S. National Bank of Oregon, Portland</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>Jantzen, Inc., Portland</td>
<td>$500.00</td>
</tr>
<tr>
<td>Jaycee War Memorial Fund, Tulsa, Oklahoma</td>
<td>$450.00</td>
</tr>
<tr>
<td>Kiwanis Club, Pendleton</td>
<td>$300.00</td>
</tr>
<tr>
<td>Klamath County Medical Society's Women's Auxiliary, Klamath Falls</td>
<td>$400.00</td>
</tr>
<tr>
<td>Kreizenbeck Memorial Scholarship, through Enterprise High School, Enterprise</td>
<td>$100.00</td>
</tr>
<tr>
<td>The Latin American Scholarship Program of American Universities, Inc., Cambridge, Massachusetts</td>
<td>$5,782.00</td>
</tr>
<tr>
<td>E. E. Leake Publishing Company, Inc., Woodland, California</td>
<td>$250.00</td>
</tr>
<tr>
<td>Lions Club, McMinnville</td>
<td>$100.00</td>
</tr>
<tr>
<td>Verne Lochner Memorial Fund, through Sheridan Public Schools, Sheridan</td>
<td>$100.00</td>
</tr>
<tr>
<td>K. E. McKay of Coos Bay, Inc., Coos Bay</td>
<td>$500.00</td>
</tr>
<tr>
<td>Medford Rotary Educational Scholarship, through Medford Senior High School, Medford</td>
<td>$134.00</td>
</tr>
<tr>
<td>Medford Senior High School (Peggyann Hutchinson Scholarship), Medford</td>
<td>$123.00</td>
</tr>
<tr>
<td>Modern Music Masters, Chapter 288, Sweet Home</td>
<td>$100.00</td>
</tr>
<tr>
<td>Carl E. Morrison Memorial Scholarship, through Dallas Public Schools, Dallas</td>
<td>$369.00</td>
</tr>
<tr>
<td>Order of Eastern Star of Oregon, Mt. Olive Grand Chapter, Portland</td>
<td>$150.00</td>
</tr>
<tr>
<td>National Secretaries Association, Anchorage, Portland</td>
<td>$100.00</td>
</tr>
<tr>
<td>Officers' Wives' Club, M.A.F.B., Columbus, New Jersey</td>
<td>$250.00</td>
</tr>
<tr>
<td>Oregon Association of Broadcasters, Eugene</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>Oregon Council of the Blind, Inc., Portland</td>
<td>$400.00</td>
</tr>
<tr>
<td>Oregon Golden Gloves, Inc., Portland</td>
<td>$250.00</td>
</tr>
<tr>
<td>O.N.C. Scholarship Foundation, Palo Alto, California</td>
<td>$500.00</td>
</tr>
<tr>
<td>Oregon Pepsi-Cola Bottlers Scholarship Foundation, Seaside</td>
<td>$200.00</td>
</tr>
<tr>
<td>Oregon State Chapter P.E.O. Sisterhood, Reedsport</td>
<td>$450.00</td>
</tr>
<tr>
<td>Oregon State Elks Association, Madras</td>
<td>$1,763.33</td>
</tr>
</tbody>
</table>
P.E.O. International Peace Scholarship Fund, Des Moines, Iowa $435.00
P.E.O. Sisterhood, Chapter BI, Roseburg 200.00
Portland Panhellenic Association Scholarship Fund, Portland 500.00
Portland Rose Festival Association, Portland 680.00
Professional Baseball College Scholarship Plan, New York City 1,000.00
Quill and Scroll, Iowa City, Iowa 250.00
Leslie V. and Stella J. Raymond Foundation, Inc., Raymond, Washington 500.00
Ricketts Music Store, Inc., Roseburg 200.00
Basil Ronjoin Educational Trust, Portland 966.00
Rotary Club, Albany 550.00
Rotary Club, Grants Pass 333.32
The S&H Foundation, Inc., New York City 2,100.00
Norton Simon Foundation for Education, Eugene 322.00
South Santiam Educational and Research Project, through the Oregon State University Foundation, Corvallis 734.00
Southern Oregon State Bank, Grants Pass 333.32
Southwestern Oregon A.I.A., Eugene 503.53
Hugh Steers Memorial Scholarship, through The Dalles High School, The Dalles 100.00
Frank L. TouVelle Trust, through Medford Senior High School, Medford 457.00
Frank L. TouVelle Trust, through Phoenix High School, Phoenix 334.00
TouVelle Trust Fund, through the First National Bank of Oregon, Portland 246.00
Trust Territory of the Pacific Islands, Saipan, Mariana Islands 778.00
U. S. National Bank of Oregon, Portland 4,352.00
Willamette Industries, Inc., Albany 500.00
Woodburn Jaycees, Woodburn 250.00
Woodbury Endowment Memorial Scholarship Fund, through the Portland Public Schools, Portland 475.00
Woolley Logging Company, Drain 334.00
Yale-in-China Association, Inc., New Haven, Connecticut 1,018.25

Alaska State Department of Education Grant of $700 from the State of Alaska, Department of Education, Juneau, Alaska, "For field study experience for two recreational majors as part of their senior year requirements as assistant recreational supervisors in Alaska," January 1 through June 30, 1970, under the direction of Mr. Larry Neal, Assistant Professor Recreation and Park Management.

American Chemical Society Grant of $20,000 from the American Chemical Society, Washington, D.C., for research entitled, "Multicomponent Diffusion in Silicate Melts," September 1, 1970, through August 31, 1972, under the direction of Dr. Daniel F. Weil, Associate Professor of Geology, and Dr. Alexander Mc Birney, Head of the Department of Geology.

Bethlehem Steel Corporation Grant of $2,500 from the Bethlehem Steel Corporation, Bethlehem, Pennsylvania, "for any purpose determined by the President of the University."
Grant of $45,133 from the State Educational Coordinating Council, Salem, from federal funds, for research entitled, "Development of a Communications Program for Local Government-Community Relations," February 1, 1970, through January 31, 1972, under the direction of Mr. Kenneth C. Tollenaar, Acting Director, Bureau of Governmental Research and Service.

Grant of $9,970 from the Louis W. and Maud Hill Family Foundation, St. Paul, Minnesota, for research entitled, "Study of the Liquidation of a Southern Oregon Indian Reservation: A Study of the Economic Impact of Windfall Payments to the Poor," January 1 through December 31, 1970, under the direction of Dr. Myron A. Grove, Professor of Economics, on behalf of David Bunting.

Grants totaling $3,031,640 from the National Science Foundation, Washington, D.C., for research, training programs, and other purposes, January 1 through October 31, 1970, unless otherwise indicated, as follows:

1. $10,150 - "Undergraduate Research Participation Program," under the direction of Dr. Gerald A. King, Assistant Professor of Sociology.

2. $12,090 - "Undergraduate Research Participation Program," under the direction of Dr. A. F. Moursund, Head of the Department of Mathematics.

3. $10,100 - "Undergraduate Research Participation Program," under the direction of Dr. Thomas W. Koenig, Associate Professor of Chemistry.

4. $26,200 - "Undergraduate Research Participation Program," under the direction of Dr. George C. Carroll, Assistant Professor of Biology.


6. $2,748,000 - "For support of the University Science Development Program for the University of Oregon, including personnel, equipment, supplies and physical facilities," January 1, 1970, through December 31, 1971, under the direction of Dr. Robert D. Clark, President.

7. $40,000 - "Electron Spin Resonance of Organic Inclusion Compounds," January 1, 1970, through December 31, 1971, under the direction of Dr. O. Hayes Griffith, Assistant Professor of Chemistry, Research Associate, Institute of Molecular Biology.
8. $19,700 - Advanced training project entitled, "Anthropology Field School in Ixmiquilpan, Mexico," January 9 through December 30, 1970, under the direction of Dr. Philip D. Young, Assistant Professor of Anthropology.


10. $20,100 - "Role of Heterochromatin in Cytodifferentiation," February 15, 1970, through February 15, 1972, under the direction of Dr. Philip Grant, Professor of Biology.

State of Oregon
Division of Vocational Rehabilitation
Grant of $8,395 from the State of Oregon, Division of Vocational Rehabilitation, Salem, "for supervision of counseling interns in the Division of Vocational Rehabilitation in the Portland area," January 1 through June 30, 1970, under the direction of Dr. John Loughary, Professor and Chairman, Counseling Department.

The Rockefeller Foundation
Grant of $1,500 from the Rockefeller Foundation, New York City, "for any purpose determined by the President of the University."

The S&H Foundation, Inc.
Grant of $900 from the S&H Foundation, Inc., New York City, "for any purpose determined by the President of the University."

U. S. Air Force, Office of Scientific Research
Grant of $46,603 from the U. S. Air Force, Office of Scientific Research, Arlington, Virginia, for research entitled, "Vorticity in Superfluid Helium," January 1 through December 31, 1970, under the direction of Dr. Russell Donnelly, Professor and Head of the Physics Department.

U. S. Atomic Energy Commission

U. S. Dept. of Justice
Grant of $53,100 from the U. S. Department of Justice, Washington, D.C., "for the issuance of loans and/or grants in connection with the Law Enforcement Education Program (LEEP)," July 1, 1969, through June 30, 1970, under the direction of Mr. Karl Streiff, Director of Financial Aids.

U. S. Office of Economic Opportunity
Grant of $243,122.97 from the U. S. Office of Economic Opportunity, Washington, D.C., "for continuation of the VISTA Training Program," August 17, 1969, through April 15, 1970, under the direction of Mr. James Booth, Senior Instructor in Education.
Grants totaling $733,801 from the U. S. Department of Health, Education and Welfare, Washington, D.C., for training programs and other purposes, as follows:

1. $63,967 - "In continued support of the College Work-Study Program," January 1 through June 30, 1970, under the direction of Mr. Karl Streiff, Director of Financial Aids.

2. $596,064 - "In support of the Center for the Advanced Study of Educational Administration," February 1, 1970, through January 31, 1971, under the direction of Dr. Max Abbott, Professor of Education.


4. $61,270 - "For support of a Center for Research and Demonstration in the Early Education of Handicapped Children," through the National Laboratory on Early Childhood Education, University of Illinois, Urbana, Illinois, January 1 through March 31, 1970, under the direction of Dr. George Shepard, Associate Professor of Education.

Grants totaling $243,143 from the U. S. Public Health Service, Washington, D.C., for research and other purposes, January 1 through December 31, 1970, unless otherwise indicated, as follows:

1. $49,462 - "Coding and Dynamics of Human Memory," under the direction of Dr. Wayne A. Wickelgren, Professor of Psychology.

2. $27,479 - "Protein Alterations Related to Small Molecule Binding," under the direction of Dr. Francis J. Reithel, Professor of Chemistry.

3. $41,050 - "Photoionization as a Probe of Biological Membranes," under the direction of Dr. O. Hayes Griffith, Associate Professor of Chemistry, Research Associate, Institute of Molecular Biology.

4. $29,088 - "Religion and Career among Teen-Agers," under the direction of Dr. Benton Johnson, Professor of Sociology.

5. $41,537 - "Hormonal Control of Amphibian Salt Balance," under the direction of Dr. B. T. Scheer, Professor of Biology.


8. $32,743 - "The Genetic Control of Specific Antibody," February 1, 1970, through January 31, 1971, under the direction of Dr. Charles B. Kimmel, Assistant Professor of Biology.
Gifts to the University of Oregon Library from various donors as follows:

Mrs. E. H. Bishop
Books and miscellaneous manuscript items, valued at $114, from Mrs. E. Harden Bishop, Pacific Palisades, California.

Mrs. C. Dawson
Letters from the Pulitzer Prize poetess, Elizabeth Bishop, and two letters concerning Miss Bishop. The gift, from Mrs. Carley Dawson, Washington, D.C., is valued at $125.

R. M. Overstreet
Approximately 40 publications, valued at $340.75, dealing with rhododendrons and azaleas, from Dr. Robin M. Overstreet, Eugene.

E. G. Plowman
Etchings, valued at $2,500, from Dr. E. Grosvenor Plowman, Portland, Maine. The etchings were done by his father, George Taylor Plowman.

R. G. Rushlight
Books of contemporary literature, history, and social science from Mr. Raymond G. Rushlight, Lahaina, Maui, Hawaii. The gift is valued at $399.40; and additional books in literature, social science and education, valued at $348.

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

A. E. Colcord
Cambodian Sculpture, valued at $4,000 from Mr. A. E. Colcord, San Mateo, California. The sculpture is a cast bronze statue of Seated Buddha as a Devaraja.

P. Cucaro
Oil paintings, valued at $2,100, from Mr. Pascal Cucaro, San Francisco, California. The paintings were done by Mr. Cucaro and are entitled "Still Life" and "Stage Prop."

Mr. & Mrs. D. K. Ferguson
Five piece Cloisonné Altar set, valued at $7,500, from Mr. and Mrs. Donald K. Ferguson, Portland. The set is from the Ch'ing Dynasty, Reign of Yung Cheng (1723-1735).

R. Klep
Autographed reproductions of Pastel Portraits of Famous Authors by Leonel Jacobs from Mr. Rolf Klep, Gearhart. The gift is valued at $120.

Mr. & Mrs. R. Klep
Cast bronze Indian sculpture, valued at $5,000, from Mr. and Mrs. Rolf Klep. The sculpture, "Shiva Nataraja," is by an anonymous sculptor of the Nayaka Kingdom of South India in the 17th century.

R. Mehring
Antique Chinese Ceramics, valued at $5,000, from Mr. Richard Mehring, San Francisco, California.

Oregon Arts Commission
"Pre-Pak awards to Young Artists," January 1 through December 31, 1970, under the direction of Mr. Antonio Diez, Acting Assistant Director. The gift is valued at $3,000.

Grant of $3,060, for the continuation of the Artist Workshop, under the direction of Mr. Antonio Diez.

Mrs. C. P. Reichel
Six Oriental antiques, valued at $380, from Mrs. Cecil P. Reichel, Medford.
University of Oregon Dental School

Mrs. A. L. McCready

Gift of $100 from Mrs. Albert L. McCready, Portland, "to be used by the Periodontology Graduate Department at the discretion of Dr. W. H. Wright, Graduate Department of Periodontology."

Patterson Dental Company

Grant of $600 from the Patterson Dental Company, Minneapolis, Minnesota, July 1, 1969, through June 30, 1970, for use as directed by Dean Louis G. Terkla.

U. S. Dept. of the Army, Medical Research and Development Command

Grant of $44,962 from the U. S. Department of the Army, Medical Research and Development Command, Washington, D.C., for research entitled, "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.

U. S. Public Health Service

Grants totaling $136,227 from the U. S. Public Health Service, Washington, D.C., for research, as follows:

1. $23,000 - "Factors Influencing Establishment of Oral Flora and Their Effects on Oral Tissues," October 1, 1969, through September 30, 1970, under the direction of Dr. Richard B. Parker, Chairman, Microbiology Department, and Dr. William B. Wescott, Associate Dean.

2. $58,888 - "To continue the General Research Support Grant Program," January 1 through December 31, 1970, under the direction of Dr. Louis G. Terkla, Dean, and Dr. W. B. Wescott, Associate Dean.

3. $36,181 - "Significance of Variation During Child Growth," January 1 through December 31, 1970, under the direction of Dr. B. S. Savara, Chairman, Child Study Clinic.

4. $18,158 - "Interactions of the Oral Microbiota," January 1 through December 31, 1970, under the direction of Dr. R. B. Parker, Chairman, Department of Microbiology.

University of Oregon Medical School

Scholarships & Fellowships

Gifts totaling $501 from the following donors for scholarships and fellowships:

Leukemia Society of America, Inc., Oregon Chapter, Portland $ 151.00
Mr. Walter M. Miller, Portland 200.00
Dr. Clay A. Racely, Eugene 150.00
Grant of $100 from the Abbott Laboratories Fund, North Chicago, Illinois, for the unrestricted use of Doernbecher Memorial Hospital for Children, under the direction of Dr. Michael Baird, Medical Director.

Gift of $2,000 from Mr. Horace H. Allen, Inglewood, California, as an addition to the endowment fund for the Medical School Library, established in memory of his father.

Gift of $100 from Mr. and Mrs. LeRoy C. Andersen, Portland, to be used for cancer research, under the direction of Dean Charles N. Holman.

Gift of $100 from Mrs. Grover C. Bellinger, Salem, in continued support of the Pulmonary Function Laboratory, under the direction of Dr. Miles Edwards, Head of the Division of Chest Diseases. The contribution was made in memory of her husband.

Gift of $250 from Ms. Berniz Blann, Mitchell, for research in the Division of Neurology, under the direction of Dr. Roy L. Swank, Head of the Division.

Bequest of $1,000 under the will of Constance M. Brackett, through the U. S. National Bank of Oregon, Portland, for the unrestricted use of Doernbecher Memorial Hospital for Children, under the direction of Dr. Michael Baird, Medical Director.

Gift of $100 from Mrs. Margaret Chaney, Milwaukie, "for the recreation fund of Doernbecher Memorial Hospital for Children," under the direction of Dr. Michael Baird, Medical Director.

Gift of $100 from Mr. William O. Clark, Long Beach, California, "in support of DMSO research," under the direction of Dr. Stanley Jacob, Associate Professor of Surgery.

Gift of a chocolate labrador female breeding dog, valued at $200, from Dr. John F. deMaria, Portland.

Grant of $10,375 from the Doernbecher Hospital Guild, Portland, "in continued support of the laboratory activities in the Department of Pediatrics," under the direction of Dr. R. W. Olmsted, Chairman of the Department of Pediatrics.

Gift of $100 from Dr. Roger D. Engberg, Jamestown, North Dakota, for the unrestricted use of the Medical School under the direction of Dean Holman.

Gift of $250 from Mr. Dennis Flanagan, New York City, in memory of Dr. William K. Livingston, to be used for the library under the direction of Miss Margaret Hughes, Librarian.
Meeting #38 3-116

March 10, 1970

Mrs. M. Gehlhar  Gift of $100 from Mrs. Martha Gehlhar, Salem, for research in the Division of Urology, under the direction of Dr. Clarence V. Hodges, Head of the Division of Urology.

Dr. J. E. Hadden  Gift of $200 from Dr. J. E. Hadden, Albuquerque, New Mexico, in support of research to be used under the direction of Dean Holman.

Hervin Company  Grant of $3,600 from the Hervin Company, Tualatin, to be used for the support of research in the Department of Animal Care during 1970, under the direction of Mr. Allan Rogers, Director of Animal Care.

Duke-Lab Foundation, Inc.  Grant of $500 from the Duke-Lab Foundation, Inc., South Norwalk, Connecticut, for the unrestricted use of the Department of Dermatology, under the direction of Dr. Walter C. Lobitz, Jr., Chairman of the Department of Dermatology.

A. Jordanger  Gift of $500 from Mr. Agnar Jordanger, Bonanza, to be used for medical supplies and clinical research, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

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

D. S. Ludwig  Gift of $100 from Ms. Dorothy S. Ludwig, Lake Grove, "for research in DNSO," under the direction of Dr. Stanley Jacob, Associate Professor of Surgery.

Mr. & Mrs. M. Marsh  Gift of $100 from Mr. and Mrs. Malcolm Marsh, Salem, "in support of the instruction program of the Department of Pediatrics," under the direction of Dr. R. W. Olmsted, Chairman of the Department of Pediatrics.

McDowell-Catt Foundation  Grant of $4,578.65 from the McDowell-Catt Foundation, Albany, "in support of research at the Medical School," under the direction of Dean Charles N. Holman.

S. L. Meyer  Gift of $250 from Dr. Sam L. Meyer, Portland, for research in the Department of Ophthalmology, under the direction of Dr. Kenneth C. Swan, Chairman of the Department.

R. F. Moody  Gift of $100 from Mr. R. F. Moody, Portland, to be used for research in memory of Mr. and Mrs. L. F. Moody and Mr. and Mrs. R. H. Rueff, under the direction of Dean Holman.

National Cystic Fibrosis Research Foundation  Grant of $3,000 from the National Cystic Fibrosis Research Foundation, New York City, for research entitled, "Bacteriological Studies in Chronic Lung Disease: Antibiotic Aerosol Therapy," March 1, 1970, through February 28, 1971, under the direction of Dr. Robert A. Campbell, Associate Professor of Pediatrics.
Grants totaling $53,900 from the National Science Foundation, Washington, D.C., for research, as follows:

1. $38,000 - "Chemical Studies on the Structure and Function of Transfer RNA," February 1, 1970, through January 31, 1972, under the direction of Dr. Michael Litt, Associate Professor of Biochemistry.

2. $15,900 - "Conditioned Emotional Factors in Self-Punitive Behavior," January 1 through December 31, 1970, under the direction of Dr. Robert D. Fitzgerald, Associate Professor of Medical Psychology.

Grant of $600 from Norwich Pharmaceutical Company, North Norwich, New York, for research in the Division of Urology, under the direction of Dr. Clarence V. Hodges, Head of the Division of Urology.

Gift of $2,500 from Mr. and Mrs. Herman Oliver, John Day, for the use of the Department of Ophthalmology, under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

Grants totaling $31,393 from the Oregon Heart Association, Portland, for research, as follows:

1. $7,670 - "Myocardial Oxygen Supply During Tachycardia," December 1, 1969, through November 30, 1970, under the direction of Dr. William Neill, Associate Professor of Cardiology.

2. $10,920 - "Phage Control of Diphtheria Toxin Production," January 1 through December 31, 1970, under the direction of Dr. Barbara H. Iglewski, Assistant Professor of Microbiology.

3. $2,800 - "Study of Myocardial Degeneration Relative to Open-Heart Surgery," January 1 through July 1, 1970, under the direction of Dr. Nelson R. Niles, Professor of Pathology.

4. $10,003 - "Cardiovascular Pharmacology," December 1, 1969, through November 30, 1970, under the direction of Dr. Ralph D. Tanz, Associate Professor of Pharmacology.

Gift of $100 from Mr. Carl O. Peterson, Hillsboro, in memory of his mother, for the unrestricted use of Doernbecher Hospital, under the direction of Dr. Michael Baird, Medical Director.

Gift of $5,000 from Phi Beta Psi Sorority, Grand Chapter, Columbus, Indiana, "to be used for research in cancer of the liver," September 15, 1969, through September 15, 1970, under the direction of Dean Holman.
Meeting #383-118

March 10, 1970

Raleigh Hills Foundation

Grant of $1,600 from the Raleigh Hills Foundation, Portland, in support of research, under the direction of Dean Holman.

K. R. Rolfe

Gift of $100 from Mr. Ken R. Rolfe, Powers, for leukemia research, under the direction of Dr. Arthur Seaman, Head of the Division of Hematology.

Schauffler Estate

Bequest of $1,000 under the will of Caroline Schauffler, to the University of Oregon Medical School to be used by the Library, with the direction of Miss Margaret E. Hughes.

A. E. Tucker

Gift of electronic components, valued at $3,141, from Mr. Alvis E. Tucker, Portland, for use in the Research Instrument Service.

U. S. Atomic Energy Commission

Grants totaling $81,810 from the U. S. Atomic Energy Commission, Richland Operations Office, Richland, Washington, for research, as follows:

1. $55,000 - "Studies of Genetic Alterations in Human Cells and Molecules and the Factors Influencing Them," November 1, 1969, through October 31, 1970, under the direction of Dr. Demetrios A. Rigas, Professor of Biochemistry and Experimental Medicine.


U. S. Department of the Army

Grants totaling $60,336 from the U. S. Department of the Army, Washington, D. C., for research, January 1 through December 31, 1970, as follows:

1. $30,168 - "Further Studies on the Human Eccrine Sweat Gland," under the direction of Dr. Richard L. Dobson, Professor of Dermatology. (from Office of the Surgeon General)

2. $30,168 - "Further Studies on the Human Eccrine Sweat Gland," under the direction of Dr. Richard Dobson, Professor of Dermatology, and Dr. Walter Lobitz, Professor and Chairman of the Department of Dermatology. (from U. S. Army Medical Research and Development Command)

Univis, Inc.

Gift of Univis Indirect Binocular Ophthalmoscope, valued at $445, from Univis, Inc., Fort Lauderdale, Florida, for use in the Department of Ophthalmology.

Mrs. P. Von Klein

Gift of $500 from Mrs. Paula Von Klein, New York City, for the unrestricted use of the Division of Dermatology, under the direction of Dr. Walter C. Lobitz, Jr., Chairman of the Department of Dermatology.

A. R. Watzek

Grant of $2,000 from Mr. Aubrey R. Watzek, Portland, for "continued support of the research program in the Department of Ophthalmology," under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.
Grants totaling $692,547 from the U. S. Public Health Service, Washington, D. C., for research and other purposes, January 1 through December 31, 1970, unless otherwise indicated, as follows:

1. $28,131 - "Pituitary-Adrenal Hormones and Aversive Motivation," under the direction of Dr. F. Robert Brush, Professor of Medical Psychology.

2. $23,209 - "Participation in WCCG Trials," under the direction of Dr. Robert D. Goldman, Associate Professor of Medicine (Hematology).

3. $21,795 - "Oxygen Transfer Through the Placenta," under the direction of Dr. J. Job Faber, Associate Professor of Physiology.

4. $32,649 - "Public Health Teaching Development Project," under the direction of Dr. Harold T. Osterud, Professor and Chairman, Public Health and Preventive Medicine.

5. $10,229 - "Medical Library Resource Grant," under the direction of Dean Charles N. Holman.

6. $15,549 - "Physiologic Characteristics of Giardia Sp.," under the direction of Dr. Ernest A. Heyer, Associate Dean of Microbiology.

7. $27,494 - "Interfacial Phenomena In Carcinogenesis," under the direction of Dr. Wesley A. Horton, Professor and Acting Head, Division of Environmental Medicine.

8. $148,695 - "Studies in Breeding Large Animals for Medical Research," under the direction of Dr. William S. Fletcher, Associate Professor of Surgery.

9. $270,325 - "General Research Support Grant," under the direction of Dean Charles N. Holman.

10. $29,762 - "EEG Studies in Newborn and Young Infants," under the direction of Dr. Rudolf Engel, Professor of Pediatrics.

11. $39,950 - "Studies in Cryobiology," under the direction of Dr. Stanley W. Jacob, Associate Professor of Surgery.

12. $2,189 - "Pharmacologic Analysis of Transmission of Ganglia," under the direction of Dr. William Riker, Professor and Chairman, Department of Pharmacology, effective September 1, 1969, through August 31, 1970.

13. $217 - "Neuropharmacology of the Postsynaptic Membrane," September 1, 1969, through August 31, 1970, under the direction of Dr. Makoto Sato, Associate Professor of Neurosurgery.
14. $24,279 - "Corneo-Limbal Interactions -- Histochemical Studies," December 1, 1969, through November 30, 1970, under the direction of Dr. Sam Meyer, Assistant Professor of Ophthalmology.

15. $1,000 - "Supply Allowance for David E. Anderson, Postdoctoral Fellow," November 10, 1969, through November 9, 1970, under the direction of Dr. David E. Anderson, Postdoctoral Fellow in Otolaryngology, and Dr. Jack A. Vernon, Professor of Otolaryngology.

16. $17,074 - "Feasibility Study for a Cytogenetic Registry," February 1, 1970, through January 31, 1971, under the direction of Dr. Frederick Hecht, Associate Professor of Pediatrics and Medicine.

**Portland State University**

**Scholarships & Fellowships**

Gifts totaling $4,676.66 from the following donors for scholarships and fellowships:

- American Business Women's Association, Multnomah Falls Chapter, Beaverton $ 300.00
- The Carpenter Foundation, Medford 167.00
- Confederated Tribes and Bands, Yakima Indian Nation, Toppenish, Washington 200.00
- Cornell University Children's Tuition Scholarship, Ithaca, New York 110.00
- Cornell University Tuition Scholarship Certification, Ithaca, New York 277.66
- Ms. Florine Dahlke, Portland 100.00
- First United Methodist Church, Vancouver, Washington 200.00
- Georgia-Pacific Foundation, Portland 250.00
- J. M. Harder Educational Foundation, Portland 136.00
- Mr. Walton Manning, Portland 150.00
- The Mulcahy Foundation, Tucson, Arizona 250.00
- Pepsi Cola Bottling Company of Portland 100.00
- Portland Rose Festival Association 272.00
- Ms. Esther C. Richards, Portland 200.00
- Roosevelt High School Student Body, Portland 100.00
- Suicide Prevention Service, Inc., Portland 255.00
- The Treacy Company, Helena, Montana 250.00
- Frank TouVelle Trust, Medford 123.00
- William B. Ward Scholarship Fund, Portland 1,000.00
- Women's Society Christian Service, Hermiston 236.00

**American Heritage Association**

Grant of $3,208.70 from the American Heritage Association, for "Operation of the Liberal Arts Program and French Program of the Northwest Interinstitutional Council (American Heritage Association) for Spring and Summer Quarter 1969 in France and England," under the direction of Dr. Joseph Blumel, Associate Dean of the Faculties.

**American Cancer Society**

Grant of $1,802.00 from the American Cancer Society - Oregon Division, "for the purchase of equipment, materials, and student research in
the area of laryngectomee rehabilitation," from November 25, 1969, to December 31, 1970, under the direction of Mr. James F. Maurer, Assistant Professor of Speech.

Educational Coordinating Council

Grants totaling $37,161.67 from the State Educational Coordinating Council, Salem, Oregon, for training programs and other projects, as follows:

1. $5,763 - "Coordinated Audio-Tutorial Program for Chemistry," under the direction of Dr. Norman C. Rose, Associate Professor, and Dr. Theodore Michelfeld, Assistant Professor, Chemistry Department.

2. $25,000 - "Student Self-Paced Tutorial Method -- Math Courses," from January 1, 1970, through September 15, 1971, under the direction of Dr. J. Richard Byrne, Head of the Department of Mathematics.

3. $6,398.67 - "Process Center -- General Biology, GS 101, 102, 103," from January 1, 1970, through September 1, 1971, under the direction of Dr. Glenn W. Murphy, Associate Professor, General Science Department.

National Association of Accountants

Gift of $393.77 from the National Association of Accountants, Portland Chapter, for the unrestricted use of the School of Business Administration, under the direction of Dean Donald D. Parker.

National Science Foundation

Grants totaling $137,371 from the National Science Foundation, Washington, D. C., for research, training programs, and other purposes, as follows:

1. $32,659 - "Cooperative College -- School Science Program," December 17, 1969, through June 30, 1971, under the direction of Dr. Michael Fiasca, Associate Professor of General Science.

2. $7,740 - "Undergraduate Research Participation," December 29, 1969, through October 30, 1970, under the direction of Dr. Alfred S. Levinson, Associate Professor of Chemistry.

3. $10,878 - "Administration of Institutional Grants for Science," November 26, 1969, through termination of grant, under the direction of Dr. Joseph C. Blumel, Associate Dean of Faculties.

4. $46,794 - "To support a Summer Institute for Second Year Teachers in Mathematics during the 1970 Summer Session," December 1, 1969, through September 30, 1970, under the direction of Dr. J. Kenneth Harris, Acting Assistant, Dean of Graduate Study.

5. $39,300 - "Host Parasite Tissue Relations in Plants," January 1, 1970, through December 31, 1971, under the direction of Mr. Leonard Simpson, Assistant Professor.
Grant of $11,300 from Parent-Child Services, Inc., Portland, "to support a contract for the continuation of developing and administering definite psychological tests for children under three years of age," June 1, 1969, through May 31, 1970, under the direction of Dr. Lyndon Musolf, Director of Urban Studies.

Grant of $1,600 from the Portland Chamber of Commerce, Portland, for the unrestricted use of the School of Business Administration, under the direction of Dean Donald D. Parker.

Grant of $3,793.97 from the Portland Society of Financial Analysts, for the unrestricted use of the Investment Analysis Center, under the direction of Dean Donald D. Parker, School of Business Administration.

Grant of $1,500 from the Standard & Poors Corporation, New York City, for the unrestricted use of the Investment Analysis Center, under the direction of Dean Donald D. Parker, School of Business Administration.

Grant of $1,000 from Tsai Management & Research Corporation, for the unrestricted use of the Investment Analysis Center, under the direction of Dean Donald D. Parker, School of Business Administration.

Grants totaling $238,557 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for student financial assistance, as follows:

1. $2,516 - "Fellowship for Theodore A. Michelfield to work as an assistant to an Associate or Assistant Commissioner of Education," September 3, 1968, to June 30, 1969.

2. $236,041 - "Operation of the College Student Work-Study Program," January 1 through December 31, 1970, under the direction of Mr. Bonner Robinson, Director of Financial Aid.

Grant of $1,925 from the U. S. Department of State, Agency for International Development, "to cover expenditures incurred for briefings, discussion sessions and on-site visits for participants in Leadership Training Seminar," December 22 through December 30, 1969, under the direction of Mr. Eric E. Oulashin, Assistant Director, International Programs.

Oregon College of Education

Gifts totaling $3,894.33 from the following donors for scholarships and fellowships:

Albany Coordinating Council of Parent-Teacher Association, Albany $ 132.00
Aurora Woman's Club, Aurora 100.00
Stephen Burton Memorial Educational Fund, Kansas City, Missouri 400.00
### The Carpenter Foundation, Central Point
- **Amount:** $233.33

### Dalles Dam Trust Scholarship Fund, Toppenish, Washington
- **Amount:** $350.00

### Emblem Club No. 406, The Dalles
- **Amount:** $100.00

### Delta Alpha Chapter, Epsilon Sigma Alpha, The Dalles
- **Amount:** $100.00

### Georgia-Pacific Foundation, Portland
- **Amount:** $750.00

### Mr. and Mrs. John E. Clancy, Carlton
- **Amount:** $484.00

### K. E. McKay of Coos Bay, Inc., Coos Bay
- **Amount:** $125.00

### Oregon-Columbia Chapter, N. E. C. A., Portland
- **Amount:** $350.00

### South Santiam Educational and Research Project, Corvallis
- **Amount:** $200.00

### Howard Turner Educational Trust Fund, Portland
- **Amount:** $300.00

### Waldorf-Astor Scholarship Fund of the First Presbyterian Church, Astoria
- **Amount:** $150.00

### Yamhill-Carlton High School Parent-Teacher Association, Yamhill
- **Amount:** $120.00

---

#### Educational Coordinating Council
- Grant of **$3,937.91** from the Educational Coordinating Council, Salem, for a study entitled, "Developing Innovative Techniques for Improving the Instruction of Students who will Teach Music," January 16, 1970, through June 30, 1971, under the direction of Mr. Ronald L. Wynn, Associate Professor of Music.

---

#### National Council for Geographic Education
- Grant of **$1,000** from the National Council for Geographic Education, to "fund the costs to be incurred in printing the National Council for Geographic Education Publication, 'Perspective,'" under the direction of Dr. Peter Greco, Professor of Geography.

---

#### National Science Foundation
- Grants totaling **$61,131** from the National Science Foundation, Washington, D.C. for research, training programs, and other purposes, as follows:


2. **$10,585** - "For science instruction and research," beginning November 26, 1969, under the direction of Dr. Ronald L. Chatham, Professor of Geography.

---

#### Oregon Council on Economic Education
- Gift of **$200** from the Oregon Council on Economic Education, to be used for the Library in connection with economic education, November 13, 1969, through October 1, 1970, under the direction of Dr. Ajmer Singh, Associate Professor of Economics.
Southern Oregon College

Scholarships & Fellowships

Gifts totaling $16,277.29 from the following donors for scholarships and fellowships:

American Baptist Foreign Mission Society $500.00
Ashland Public Schools, Ashland 1,689.00
Mrs. Ralph Barnes, Medford 300.00
Bate plywood Company, Incorporated, Merlin 100.00
Beta Sigma Phi, Xi Gamma Gamma Chapter, Medford 300.00
Mrs. Elizabeth P. Binney, Boston, Massachusetts 300.00
School District No. 6, Central Point 1,999.96
Crater High School, Central Point 189.33
Representative John Dellenback, Washington, D.C. 200.00
Delta Kappa Gamma, Ashland 132.00
Elks Lodge No. 1371, Bend 110.00
First Presbyterian Church, Ashland 175.00
Georgia Pacific Foundation, Portland 250.00
Hawaiian Trust Co., Limited, Honolulu, Hawaii 450.00
Earle and Minnie Mae Johnson Trust, through the Wells Fargo Bank, San Jose, California 530.00
Klamath-Lake Teachers Federal Credit Union, Klamath Falls 132.00
Laxalt, Berry, Allison and LeBaron, Carson City, Nevada 331.00
Redwood Lions Club, Grants Pass 123.00
Miscellaneous Scholarship Gifts, through Medford Senior High School, Medford 1,894.00
Medford Senior High School, Medford 309.00
National Bank of Washington, Tacoma, Washington 389.00
National Merit Scholarship Commission, Evanston, Illinois 750.00
Oregon Congress of Parents and Teachers, Inc., Portland 581.00
Phoenix High School, Phoenix 1,365.00
Rogue Valley Quaker Worship Group, Ashland 100.00
Soroptimist Club, Ashland 132.00
Soroptimist Club, Brookings 135.00
Stanford University, Stanford, California 331.00
Frank L. TouVelle Trust, through Crater High School, Central Point 536.00
Frank L. TouVelle Trust Fund, through Phoenix High School, Phoenix 167.00
U. S. Department of the Interior, Bureau of Indian Affairs, Crow Agency, Montana 150.00
U. S. Department of the Interior, Bureau of Indian Affairs, Minneapolis, Minnesota 150.00
U. S. National Bank of Oregon, Medford 581.00
U. S. National Bank of Oregon, Portland 396.00
U. S. Naval Station, Sangley Point 500.00

Educational Coordinating Council

Grant of $4,629 from the State Educational Coordinating Council, Salem, for "Improvement of Undergraduate Instruction," January 15 through December 31, 1970, under the direction of Mr. William C. Meulemans, Assistant Professor of Political Science.

Grant of $38,900 from the U. S. Department of Justice, Washington, D.C., "for issuance of loans and/or grants in connection with Law Enforcement Education Program," July 1, 1969, through June 30, 1970, under the direction of Mr. Charles Tracy, Chairman of the Law Enforcement Department.

**Eastern Oregon College**

Gifts totaling $5,453 from the following donors for scholarships and fellowships:

- American Legion Auxiliary, Department of Oregon, Mulino $300.00
- Baker County School District 30J, Unity 280.00
- Burton and Miller (to Lions Club Scholarship Fund), La Grande 507.00
- Confederated Tribes of the Warm Springs Reservation of Oregon, Warm Springs 1,786.00
- Harney County Home Extension Women, Princeton 300.00
- Mr. Da-Chang Kang, Pullman, Washington 136.00
- Charles Luce-Nancy O. Luce Trust, through the Seattle First National Bank, Richland, Washington 505.00
- Pendleton High School Girls' League, Pendleton 100.00
- P.E.O. Sisterhood, Chapter A.P., Milton-Freewater 100.00
- Rotary Club, La Grande 400.00
- Elks Lodge No. 338, Baker 864.00
- Elks Lodge No. 2146, Milton-Freewater 175.00

Grant of $14,417 from the National Science Foundation, Washington, D.C., "To finance a cooperative College-School Science Program," December 17, 1969, through June 30, 1971, under the direction of Dr. Virgil A. Bolen, Professor of Physical Science. The program will include a two-week summer session and follow-up weekly sessions during the academic year.

**Oregon Technical Institute**

Gifts totaling $2,440 from the following donors for scholarships and fellowships:

- Bernard Daly Educational Fund, Lakeview $1,440.00
- Pacific Gas Transmission Co., San Francisco, California 1,000.00

Gift of 2 Uh-8 Woodward Hydraulic Governors, valued at $1,000, from the McCloud River Railroad Company, McCloud, California, for use in the Auto-Diesel Department, under the direction of Mr. Ray G. Prevost, Dean of Faculty.
Meeting #383-126
March 10, 1970

U.S. Dept. of Health, Education & Welfare

Teaching Research Division

Educational Coordinating Council
Grant of $88,768 from the Educational Coordinating Council, Salem, for "Improvement of Instruction in the Communication Skills of Writing and Listening for Vocational-Technical Students," January 15, 1970, through March 31, 1971, under the direction of Mr. James Nord, Assistant Research Professor, Teaching Research Division.

Random House School & Library Service, Inc.
Grant of $3,728 from the Random House School & Library Service, Inc., "to produce a simulation game including a manuscript of the work, a teacher's guide, role sheets, card text, maps, charts, and specifications for any additional parts," August 28, 1969, through October 15, 1969, under the direction of Mr. Paul Twelker, Associate Research Professor.

U.S.D.I., Bureau of Indian Affairs
Grant of $3,000 from the U.S. Department of the Interior, Bureau of Indian Affairs, Washington, D.C., "For Continuation of a Special Teacher Preservice Orientation," August 8, 1968, through June 30, 1969, under the direction of Dr. Casper F. Paulson, Associate Research Professor.

U.S. Dept. of Health, Education & Welfare

ADJOURNMENT
The Board adjourned at 4:45 P.M.

George H. Layman, President

R. L. Collins, Secretary