STATE BOARD OF HIGHER EDUCATION
MINUTES OF MEETING HELD AT
COMMONS BUILDING, SOUTHERN OREGON COLLEGE, ASHLAND, OREGON

July 24, 1962

MEETING #306-1  A regular meeting of the State Board of Higher Education was held in the Commons Building, Southern Oregon College, Ashland, Oregon, on July 24, 1962.

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

Mr. J. W. Forrester, Jr.  Mrs. Cheryl S. MacNaughton
Mr. Allan Hart  Mr. Douglas McKeen
Mr. Chas. R. Holloway, Jr.  Mr. John Merrifield
Mrs. Elizabeth H. Johnson  Mr. Wm. E. Walsh

Absent: Ralph E. Purvine, M.D.

Others Present: Chancellor R. E. Livuallen; Secretary E. M. Pallett; President A. S. Fleming of the University of Oregon; President J. H. Jensen of Oregon State University; President B. P. Millar of Portland State College; President F. B. Bennett of Eastern Oregon College; President E. N. Stevenson of Southern Oregon College; President W. D. Purvine of Oregon Technical Institute; Mr. E. A. Stebbins, Administrator-in-Charge, Oregon College of Education; Dean H. J. Noyes of the University of Oregon Dental School; Dr. W. C. Jones, Dean of Administration, University of Oregon; Dr. E. C. McGill, Assistant to the President and Director of Academic Affairs, Southern Oregon College; Mr. D. E. Lewis, Assistant to the President and Business Manager, Southern Oregon College; Mr. W. A. Zimmerman, Assistant to the Dean and Business Manager, University of Oregon Medical School; Mr. G. M. Robertson, Business Manager, Oregon State University; Mr. W. T. Lemman, Jr., Business Manager, Portland State College; Mr. Fred Matthias, Assistant to the Business Manager, University of Oregon Dental School; Dr. Viron A. Moore, Assistant Dean and Director, Department of Instruction, State-Wide Services; Mrs. Josephine Moore, Manager, News Bureau, University of Oregon; Mr. William Barrows, Management Analyst, Department of Finance and Administration; Comptroller H. A. Bork; Budget Director R. L. Collins; Mr. John L. Watson, Assistant Comptroller; Mr. J. I. Hunderup, Assistant to the Comptroller; Dr. F. B. Nickerson, Executive Secretary, High School-College Relations Committee; Mrs. W. Beal, Assistant to the Chancellor; and Mr. W. von Otterstedt, Special Assistant Attorney General.

RE ABSENCES  Dr. Purvine was absent for business reasons.

MINUTES APPROVED  The Board voted to dispense with the reading of the minutes of the last regular meeting held on June 12, 1962, and approved them as printed in the docket.
Mr. J. W. Forrester, Jr., Chairman of the Building Committee, presented the following report:

"Included in the proposed capital construction program for which state funds are expected to be requested for the 1963-1965 biennium is a Classroom, Laboratory and Office Building at Southern Oregon College. The building is needed in order to release classroom space within the existing library for library purposes as well as to provide additional instructional areas required to serve the increased enrollments contemplated at the institution. Some space temporarily assigned for classroom and laboratory use in the Britt Student Center will also be released for its designed purpose upon the completion of the building.

"President Stevenson and Architect Keeney of Medford have presented to the Board's Office a preliminary scheme for the construction of the building. The structure is to be located west of the Britt Student Center and north of the Library and is to consist of three stories, including a partial ground floor which takes advantage of the sloping contour of the site. Although the arrangement of the interior is subject to further study, it is anticipated that the ground floor will contain classrooms and a mechanical room; the first floor will contain 8 classrooms, 3 laboratories, and 15 offices; and the second floor is to contain 4 classrooms, 6 laboratories, and 15 offices. Thus, the complete building is to include 24 classrooms, 9 laboratories, and 30 offices, in addition to mechanical and service areas, within a gross area of about 37,486 square feet. The dimensions of the building approximate 194 feet in length by 60 feet in width with a small wing on the north and south sides. Provision will be made for a bid alternate to deduct approximately 1,736 square feet on the south wing which contains five offices on each of the first and second floors.

"The foundation of the structure is to be reinforced steel and waterproofed concrete. The exterior walls are designed for reinforced structural brick with curtain wall window units. Interior partitions would be of lath and plaster over steel studs.

"Heat is to be provided from the central heating plant by means of an extension of the utility tunnel which now services the library.

"Based upon the current price level, the total cost of the project, including the portion of the site not owned by the State, is estimated at $825,000. Direct construction costs are expected to be about $678,971, or an average of $18.11 per square foot.

"President Stevenson, with the concurrence of the Chancellor recommends that the preliminary scheme for the Classroom, Laboratory and Office Building at Southern Oregon College be approved and that authorization be given to the appropriate Board officials to direct the architect to complete the preliminary plans."
"The Committee endorses the recommendations of President Stevenson and the Chancellor, with the understanding that the architect will make provision for the possible future addition of a fourth floor. In addition, the architect is directed to make a study of the feasibility and the additional costs involved to include air conditioning in the structure. Furthermore, the Chancellor is requested to prepare for the Board's consideration a comprehensive report and recommendation of policy concerning the inclusion or preliminary preparation for inclusion of air conditioning in buildings to be constructed by the Board.

"There was extended discussion with regard to the number of stories to be provided in general purpose classroom, laboratory and office buildings, particularly at the University of Oregon, Oregon State University, Southern Oregon College and Portland State College. The conclusion was that in general it was expected that such buildings should be designed so that either initially or ultimately provision would be made for at least four stories."

Mr. Forrester moved the adoption of the Building Committee's recommendation to approve the preliminary scheme for the Classroom, Laboratory and Office Building at Southern Oregon College and to authorize the appropriate Board officials to direct the architects to proceed with the preliminary plans which are to include provision for the possible addition of a fourth floor and a study of the feasibility and cost of air conditioning. The Committee recommendative also included a request that the Chancellor's Office prepare a comprehensive report incorporating a proposed general policy statement regarding air conditioning in all buildings to be constructed by the Board. The motion was seconded and question called for.

The discussion which followed centered on the provision for air conditioning, both in the building in question and as a general policy. A motion by Mr. Hart seconded by Mr. Merrifield to amend the original motion to include a specific recommendation for air conditioning in the Classroom, Laboratory and Office Building at Southern Oregon College failed to pass. The Board then voted to adopt Mr. Forrester's motion. Mr. Merrifield asked to be recorded as voting no on the motion as adopted.

Additional details regarding the discussion on the policy of air conditioning are incorporated at the end of the Building Committee report.
Mr. Forrester continued:

"Included in the capital construction program to be presented to the 1963 Legislature is a Classroom, Laboratory and Office Building at Oregon College of Education, formerly identified as the Education and Psychology Building. Based upon current price levels, the total cost of the building is estimated at $720,000, of which $552,000 is applicable to direct construction costs.

"Officials of Oregon College of Education and the architectural firm of Wolff and Zimmer of Portland have presented to the Board's Office a preliminary scheme for the structure which is to be located on the east side of Monmouth Avenue, north of the present elementary Training School. The building is to be two stories in height and is to have a total building area of 30,800 square feet, of which 14,800 will be on the first floor and 16,000 square feet on the second floor. The over-all dimensions of the building are approximately 80 by 200 feet.

"The first floor of the building is designed to contain a waiting room, several staff offices and specialized rooms for research, instructional and clinic use. The second floor is to contain several classrooms, a lecture room, a teaching laboratory, space for teaching research and student personnel offices.

"The architects are being asked to study various factors of cost, both original investment and annual maintenance expense, as well as other considerations before recommending the selection of building materials to be used in the project. It is expected that their report will be submitted to the Board at a subsequent meeting, following the review thereof by the staff of the institution and the Board's Office.

"Administrator-in-Charge Stebbins, with the concurrence of the Chancellor, recommends that the preliminary scheme for the Classroom, Laboratory and Office Building at Oregon College of Education be approved and that authorization be given to the appropriate Board officials to direct the architects to proceed with the preparation of preliminary plans. It is the understanding that these preliminary plans will not be presented to the Board until after the report on the selection of building materials has been completed.

"The Committee recommends the approval of the preliminary scheme for the building and directs that no consideration be given to vertical expansion but that estimates on the cost of wood as an alternate building material be prepared."

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

"Pursuant to authorization granted by the Board at the January 1962 meeting, Architects Jeppsen & Miller of Corvallis and officials of Oregon College of Education have presented a preliminary scheme for the proposed Student Health Service Building to be constructed on the campus in Monmouth. The one-story building is to be located on the south side of Church Street, west of Todd Hall. Within the total area of approximately 5,755 square feet, facilities are provided for the medical director, examining rooms, physical therapy, X-ray, four bedrooms for daytime patient care as well as related storage and service spaces. At the west end of the building, space is provided for counseling and testing facilities which, at a future time, can be remodeled into additional health service bedrooms if desired. This area is established in the plans and specifications as a bid alternate.

"The architects' recommendation is for construction using masonry exterior bearing walls with aluminum sash and stucco panels with wood roof construction and asbestos shingles. Heat will be provided from the central heating plant.

"The estimated cost of the project, which will be financed from restricted fund balances currently available to the institution, is $125,000, including approximately $99,700 for direct construction costs.

"With the concurrence of the Chancellor, Administrator-in-Charge Stebbins recommends the approval of the preliminary scheme for the Student Health Service Building and requests that appropriate Board officials be authorized to direct the architects to complete the preliminary plans for presentation to the Board at a subsequent meeting.

"The Committee concurs in the recommendation with the request that the architects and institutional officials attempt to work out satisfactory plans for the use of wood on the exterior of the building."

The Board adopted the report as presented.

Mr. Forrester continued:

"At the January 1962 meeting, the Board authorized the architectural firm of Bear, McNeil, Schneider, Bloodworth & Hawes of Portland to prepare preliminary plans for the construction of a Radiation Center at Oregon State University estimated to cost $755,280. The cost of the project was to be financed in part from a National Science Foundation grant of $200,000 and a grant from the National Institute of Health for $177,640, or a total of $377,640, matched with an equal amount of state funds. On November 3, 1961, the Emergency Board assured the availability of these matching funds in the event the building was constructed."
"President Jensen and the architects have presented to the Board's Office the preliminary plans for the one-story structure, measuring 160 feet by 184.5 feet and containing a gross area of 34,050 square feet. The usable area is 27,305 square feet. No basement is provided except for an area 25 feet by 32 feet located under the waste disposal room for the waste retention tanks. The project is to be located on the western side of the campus at the northeast corner of Thirty-fifth and Jefferson Streets.

"The building is designed for reinforced concrete. The exterior walls are concrete "tilt-up" with aggregate finish and some brick veneer. The south and east walls are window wall construction. The roof is designed for pre-cast concrete, prestressed "T" beams. The interior of the building is divided into a large number of small rooms including about 20 laboratories, 10 offices, a conference room, animal quarters, and a variety of storage, shop, instrument and stock rooms.

"The interior finish for the offices will be plastered walls, acoustical ceiling and asphalt tile floors. The laboratories will have exposed concrete block walls and exposed concrete roof painted with epoxy paint for radiation laboratories, and conventional paint for non-radiation areas. The floors will be finished with either sheet vinyl or epoxy paint for radiation protection, depending upon the use of the laboratory.

"The building will be entirely mechanically ventilated. Air conditioning will be provided for animal quarters and instrument rooms only, but duct work will be included for additional air conditioning later. The preliminary plans contemplate a possible future addition to the building to house a large reactor.

"The architects' estimate of the direct construction costs of the Radiation Center, including fixed equipment items, is $626,069. The total project cost of $755,280 will be supplemented by grants received in the amount of $25,000 for movable equipment.

"President Jensen, with the concurrence of the Chancellor, recommends that the preliminary plans for the proposed Radiation Center be approved and that authorization be given to the appropriate Board officials to direct the architects to proceed with the preparation of final plans and specifications following the approval of the State Emergency Board.

"The Committee endorses the recommendation."

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

"At the October 1961 meeting, the Board authorized Architects Skidmore, Owings & Merrill to prepare a pre-preliminary scheme for the first unit of the proposed Physical Education Building at Oregon Technical Institute. It was indicated that the planning of this building should not anticipate a swimming pool in the initial unit, but should permit the addition of this type of facility at a later time if desired. Similarly, it was indicated that the initial unit should not make provision for a rifle range, handball courts, or for bowling lanes. For a gross area of approximately 40,000 square feet, the cost estimate was $743,730, including approximately $640,000 for direct construction.

"Subsequent to the action of the Board, which was the basis of instructions to the architects for the design of the Physical Education Building, the Governor's office indicated the desirability of providing fallout protection within state-financed buildings wherever practical. With this recommendation in mind, and with the concern over providing an area on the campus where commuting students could study during the times when they would not be in scheduled classes, President Purvine and the architects suggested that the planning of the Physical Education Building give effect to these requirements.

"The preliminary scheme for the Physical Education Building, as proposed, provides a gross area of approximately 52,350 square feet within a three-story structure located northeast of the Classroom Building now under construction in accordance with the master plan for the campus approved by the Board. A large gymnasium and two other activity areas separated from the main gymnasium by folding doors are located on the main floor level. Bleacher seating is provided for 800 persons by using one of the activity rooms. At some future time, it is possible to add additional bleacher seats on the opposite side of the gymnasium in the area of the other activity room. The bleachers fold against the wall when not in use.

"On the floor immediately below the main gymnasium and these two activity spaces, the scheme provides shower and locker rooms for both men and women students, offices for the instructional staff, a small laundry area, equipment and storage areas as well as toilet facilities for the general public. The center portion of this floor, which is immediately below the main gymnasium floor, will not be used since it will be the upper portion of the future swimming pool contemplated in the basement level. The basement level will also contain a large activity area for weight lifting and exercising, the mechanical room, and shower and dressing facilities for athletic teams. Until such time as excavation might be undertaken to build a swimming pool, the basement area provides facilities for a student lounge, snack bar, bookstore, student post office, and related service and storage areas, and could be used as a fallout shelter. The architects estimate that approximately 1,160 persons can be accommodated in this basement area. This is adequate to serve the students and staff.
"The structural frame of the Physical Education Building is of reinforced concrete foundations, slabs on grade and exterior columns with a steel frame for the main gymnasium floor level. The roof system is composed of steel decking and a structural steel truss system. Exterior walls are to be of vertical wood siding and aluminum curtain window walls. Interior partitions are to be of concrete block and steel studs with sheet rock. Floors will be covered with vinyl asphalt tile except in the gymnasium, which will be standard wood construction. The estimated direct construction cost, based on the price level expected to prevail when bids may be solicited early in 1963, is $953,415 or an average of $18.20 per square foot.

"President Purvine, with the concurrence of the Chancellor, recommends that the preliminary scheme for the Physical Education Building at Oregon Technical Institute be approved and that the appropriate Board officials be authorized to direct the architects to proceed with the completion of the preliminary plans. In order to expedite the planning, President Purvine also recommends that the appropriate Board officials be authorized to present the preliminary plans to the State Emergency Board as soon as they have been completed and, thereafter, authorize the architects to proceed with the preparation of final plans and specifications for the project, if the preliminary plans are in substantial agreement with the schematic plans.

"The Committee concurs in the recommendations."

The Board adopted the report as presented.

Mr. Forrester continued:

Preliminary Scheme for Science-Mathematics Building, EOC

Included in the capital outlay program for the 1963-1965 biennium is a proposed Science-Mathematics Classroom Building at Eastern Oregon College. At the December 1961 meeting, the Board authorized the appointment of Architects Hewlett & Jamison of Portland to design the structure and authorized the preparation of a preliminary scheme immediately following the receipt and acceptance of the federal government's offer of $6,000 for advance planning funds for the project. At the June 1962 meeting, the Board supplemented these funds by allocating an additional $1,500, making a total of $7,500 available for architectural services for the preliminary scheme and the preliminary plans.

"President Bennett and the architects have presented to the Board's Office a scheme for the design of the building. The structure is to be three stories in height and will contain about 27,000 square feet of floor area. Provisions are included in the design and utilities for a future addition of approximately the same size, structure and appearance. The building is to be located in the northwest corner of the present campus on a site about 380 by 240 feet bounded by L Avenue on the north, Eighth Street on the east, K Avenue on the South, and Seventh Street on the west."
"The total area of 27,000 square feet is divided as follows: Basement, 400 square feet; first, second and third floors, 8,700 square feet each; and greenhouse and storage areas on the roof, 500 square feet. The basement is to include mechanical space and hot water tank, electrical panels and connection to campus steam, water, waste, electric power, telephone and intercom facilities.

"The first floor is to contain laboratory facilities for physical science and physics, four offices, and several specialized areas. On the first floor also are facilities for mathematics including a temporary classroom which will be used eventually for office, research and conference space when a future addition is completed, plus two offices. A lecture room is also included on the main floor and an animal room is located one-half floor below, at the stair landing.

"The second floor is to contain laboratory facilities for biology and botany, a shop and project area and four offices with adjacent areas for faculty and student research. Included also on the second floor is a classroom, two offices for mathematics, and a lecture room.

"The third floor includes laboratory facilities for chemistry, three classrooms, a lecture room, and four offices. On the roof is located a greenhouse, soils storage and work areas, and the fan room. A dumbwaiter will be installed to serve all floor levels.

"The building is to be constructed of reinforced concrete with stucco, brick veneer, and ceramic tile. A sun screen will be provided on the south side. Floors and roof are to be of reinforced concrete supported by posts and steel joists. Interior partitions include metal studs and plaster. Metal doors and frames are to be used on the exterior and wood doors with metal frames inside. Asphalt or vinyl tile will be used in the corridors and classrooms, but other areas will be exposed concrete. Warm air heating with mechanical ventilating will be included. The total cost of the project is estimated at $745,000, including $567,000 for direct construction costs.

"President Bennett, with the concurrence of the Chancellor, recommends that the preliminary scheme for the Science-Mathematics Building at Eastern Oregon College be approved and that authorization be given to the appropriate Board officials to direct the architects to complete the preliminary plans.

"The Committee concurs in the recommendations."

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

"At the June 1962 meeting, Architects Stewart & Richardson and the staff of the General Extension Division presented to the Board a schematic plan for the proposed Second Addition to the General Extension Division Building in Portland. The proposal indicated that parking would be provided for approximately 31 cars on the ground floor level with offices and studios on the second and third floors of the building.

"Dean Sherburne has presented to the Board's Office the preliminary plans for the structure. These plans correspond very closely with the preliminary scheme. The total gross area of the building is 18,644 square feet, excluding the areas assigned to parking. The cost of the building, based upon the current price level, is $472,700, of which $340,000 represents the direct construction costs. On the ground floor will be provided parking space for 31 cars. On the second floor will be located two television studios, several control rooms, a library, several offices, and specialized rooms. On the third floor will be located a shop, a projection room, a master control room, a library, an FM studio and several offices. The mechanical equipment will be installed on the roof. A service elevator is provided in the northwest corner of the building.

"The architects' design contemplates that the exterior walls will be finished with brick veneer backed up with concrete block walls on the two street elevations. The north elevation will be finished with stuccoed concrete brick and painted. The entrance and stair enclosures will be finished with granite panels, aluminum trim and aluminum facing. Windows in the exterior walls will be aluminum frames with plate glass.

"Interior finish will include pre-finished fibre acoustical tile treated for flame resistance on the ceilings. The walls will consist of wood and metal studs covered by sheetrock. Vinyl plastic tile will be used in the corridors and on toilet room walls. Floors in the studios, storage and "prop" departments will be smooth concrete treated with a hardener; in other places vinyl plastic will be used except in toilet rooms where ceramic tile will be provided. The studios are designed with acoustical treatment. Exterior doors will be of aluminum and glass and interior doors will be of wood with metal and wood frames. All trim, base and cabinets will be wood, either fir or birch. Incandescent lighting will be provided with special items in the TV studios. Heating and ventilating will be provided by an air system for heating and cooling, using the steam system available from the central heating plant of Portland State College.

"Dean Sherburne, with the concurrence of the Chancellor, recommends that the preliminary plans for the Second Addition to the General Extension Division Building be approved. The preparation of final Plans and specifications will be deferred until construction funds are available or are assured.

"The Committee concurs in the recommendation."

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

"Included among the projects required for the completion of the educational and general plant at Oregon Technical Institute is a Physical Plant Building to provide service and storage facilities for the maintenance of the campus, including equipment storage and repair. Funds for the architectural planning were appropriated by the 1961 Legislature and it is expected that construction will be undertaken early in 1963 following favorable action by the legislature in appropriating the funds needed for the completion of the new campus.

"Architects Skidmore, Owings & Merrill have presented the preliminary plans for the Physical Plant Building to the Board's Office indicating that a gross area of approximately 18,000 square feet will be provided within the enclosed structure. In addition, there will be 3,000 square feet of covered area for automobile storage and service, as well as an open storage yard of about 10,800 square feet. The facilities to be accommodated within the building will include a carpenter shop, paint shop, plumbing shop, electrical shop, automobile service and repair shop, offices for the physical plant superintendent and staff, warehouse space for instructional equipment, grounds equipment and general storage, etc.

"Basically, the building will be a one-story structure measuring 120 feet by 120 feet, exclusive of the covered car storage area. The 15-foot ceiling height will provide ample space for the storage and movement of tall equipment. A partial second level, or balcony, will be provided in the warehouse areas in order to obtain the greatest utilization of the space for storage. The structural frame utilizes reinforced concrete foundations and exterior columns with a one-way steel truss system and steel decking for the roof. Walls will be of one-hour fire resistant wood frame construction with vertically applied, stained cedar siding on the exterior, insulated, and with plasterboard interior finish in office-type areas and hardboard in the warehouse and shop areas. Interior partitions in warehouse sections will be concrete block to a height of 10 feet with woven wire mesh to the ceiling except for fire and dust walls which will be full height block, unpainted. Office partitions will be of wood frame construction and gypsum wallboard. A 5,000-pound capacity hydraulic lift, gasoline pump, lubrication hoise and air compressors will be included in the project.

"The architects' estimate of the direct construction cost of the physical plant building is $225,545, including paving of the storage yard. Based upon the gross area of the enclosed building, this cost averages approximately $12.53 per square foot.

"President Purvine, with the concurrence of the Chancellor, recommends that the preliminary plans for the physical plant building be approved and that the appropriate Board officials be authorized to instruct the architects to proceed with the development of the final plans and specifications for the project following the review and approval of the preliminary plans by the State Emergency Board.

"The Committee concurs in the recommendation."

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

"At the June 12, 1962, meeting, Architects Payne and Struble presented a pre-preliminary scheme of the proposed Addition and Alterations to the Physical Education Building at Southern Oregon College for which funds are expected to be requested from the 1963 Legislature. It was indicated that the addition would provide two multipurpose rooms for physical education activities in addition to a swimming pool, classrooms, offices, storage areas, and improved and enlarged shower and dressing facilities, within a gross area of approximately 40,213 square feet. The estimated direct construction cost was $606,410 based upon the current price level.

"The architects have completed the preliminary plans for the project which are in substantial agreement with the pre-preliminary scheme. Minor modifications and refinements have resulted in a revision of the gross area to 40,000 square feet. The structure will be of reinforced concrete construction with concrete block exterior walls and glue-laminated beams for the roof. Windows will be of aluminum with sun protection through solar glass and aluminum louvers on critical exposures. Most areas will be treated with acoustical tile, supplemented in the multipurpose rooms and the pool and dressing areas with additional acoustical treatment. Floors in the upper level corridors, classrooms, offices and in one of the multipurpose rooms will be covered with vinyl-asbestos tile. The other multipurpose room will have a maple floor, and the restrooms, showers and pool areas will be of ceramic tile. The other floor areas will be exposed concrete. Heating will be provided from the existing heating plant within the structure.

"If fallout protection is to be provided by excavating a basement area below the classroom and office area to provide a space adequate for approximately 250 persons, the architects estimate that the additional cost thereof will be approximately $30,000 for a gross area of 4,130 square feet.

"Provision is made for an alternate to remodel the classrooms on the balcony of the existing gymnasium area for use as wrestling, weight control and broadcasting space. This involves an area of 2,700 square feet.

"With the concurrence of the Chancellor, President Stevenson recommends the acceptance of the preliminary plans for the Physical Education Building Addition and Alterations.

"The Committee recommends that the preliminary plans be accepted and that the resolution required by the federal government be approved by a roll call vote."
RESOLUTION APPROVING THE COMPLETED PRELIMINARY PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR THE ADDITION TO THE PHYSICAL EDUCATION BUILDING, SOUTHERN OREGON COLLEGE UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES, AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of Southern Oregon College accepted an offer from the United States Government for an advance for preliminary plan preparation of a public work described as an addition to the Physical Education Building, Southern Oregon College, Ashland, Oregon; and

WHEREAS, Payne and Struble, Architects, were engaged to prepare a preliminary planning report for the aforesaid public work, and said architects have completed the report and submitted it for approval; and

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Payne and Struble as the basis for detailed planning and construction of the Physical Education Building Addition, Southern Oregon College, dated July 10, 1962, in connection with Housing and Home Finance Agency Project No. P-ORE-3098 be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the preliminary planning report.

On motion by Director Forrester and second by Director MacNaughton, the above report was accepted and the resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKean, Merrifield, and Walsh.

Those voting no: None.

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

Mr. Forrester continued:

"The capital outlay program for the 1963-1965 biennium includes an addition and alterations to the Library at Oregon College of Education. At the June 1962 meeting, the Board approved a preliminary scheme for the project and directed the architects to make provision for air conditioning within the existing building and the new addition as possible bid alternates."
"Officials of Oregon College of Education and the architectural firm of Wolff & Zimmer of Portland have presented to the Board's Office the preliminary plans for the proposed addition and alterations. These plans agree in substantial detail with the preliminary scheme except that the areas have been increased to include a partial basement for mechanical equipment and the cost estimate has been increased slightly, based on more intensive study and a determination of the requirements for air conditioning. The incremental cost of air conditioning in the addition is estimated at $14,000 and in the present building $53,000. Of this latter amount, $26,000 is applicable to the remodeling and rebuilding of the existing air distribution duct work and equipment and the remaining $27,000 is the estimated cost of the air conditioning equipment.

"The proposed addition is to be constructed as a wing on the east side of the existing building and is to be connected to the present Library with a circulation link. Two floors of reading rooms are to be located on the north side of the addition with three floors of stack and quiet reading rooms along the south side. The proposal includes a central control point on the first floor. On the first floor of the existing facility, the stack space is to be converted to staff work areas and reader services. The present reference reading room is to be used for browsing, current periodicals and general reading. On the ground floor of the existing building the library is to occupy basically the same space as it does at present. A classroom in the present building is to be converted into a reserve book reading room.

"The addition is to be constructed of reinforced concrete with cavity brick panels on the exterior walls with plate glass in fixed aluminum sash. Interior walls are to be painted plaster on metal studs. Floors are to be rubber and vinyl-asbestos composition with ceramic tile in toilet rooms. Ceilings are to be finished with acoustical plaster on metal lath. Low velocity forced air with heating coils are provided, with heat to be furnished by the Central Plant. The proposed addition of 18,979 square feet will increase the total gross area of the building from 15,505 square feet to 34,484 square feet. The project cost is estimated at $470,000, of which $382,000 represents the direct construction costs, including the sum of $67,000 for air conditioning equipment and installation described above.

"An advance planning grant of $3,000 was received for this project from the Housing and Home Finance Agency. Due to the modifications in the structure and the increase in cost, it is necessary that the Board provide $1,000 of additional funds from its Unappropriated Reserves to supplement the federal advance for architectural planning services."
"Administrator-in-Charge Stebbins recommends, with the concurrence of the Chancellor, that the preliminary plans for the Library Addition and Alterations at Oregon College of Education be approved and that $1,000 be appropriated from the Board's Unappropriated Fund to supplement the federal loan in order to cover the cost of preliminary architectural services."

"The Committee recommends approval of the preliminary plans and recommends adoption of the appropriate resolution by roll call vote."

RESOLUTION APPROVING THE COMPLETED PRELIMINARY PLANNING REPORT WITH AN ADVANCE FROM THE UNITED STATES OF AMERICA FOR LIBRARY BUILDING ADDITION, OREGON COLLEGE OF EDUCATION, UNDER THE TERMS OF PUBLIC LAW 560, 83rd CONGRESS OF THE UNITED STATES AS AMENDED

WHEREAS, the Oregon State Board of Higher Education on behalf of Oregon College of Education accepted an offer from the United States Government for an advance for preliminary plan preparation of a public work described as a Library Building Addition, Oregon College of Education, Monmouth, Oregon; and

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

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

NOW, THEREFORE, BE IT RESOLVED by the Oregon State Board of Higher Education, the governing body of said applicant, that the planning report submitted by Wolff & Zimmer as the basis for detailed planning and construction of the Library Building Addition, Oregon College of Education, dated July 9, 1962, in connection with Housing and Home Finance Agency Project No. P-ORE-3094 be and the same is hereby approved; and that certified copies of this resolution be filed with the Housing and Home Finance Agency as a part of the preliminary planning report.

On motion by Director Forrester and second by Director MacNaughton, the above report was accepted and the resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKean, Merrifield, and Walsh.

Those voting no: None.

The President of the Board thereupon declared the above resolution duly adopted by a unanimous vote.
"Included in the proposed capital construction program for which state funds are expected to be requested for the 1963-1965 biennium is an addition and alterations to the Pharmacy Building at Oregon State University. The existing facilities, which were constructed 38 years ago and which have a gross area of 23,406 square feet, must be remodeled to bring necessary utility services to the laboratories and an addition constructed to meet the present instructional and research space requirements. Based on the present price level, the estimated cost of the project is $603,500, of which $505,640 represents the direct construction costs, including fixed equipment. If an application which has been filed with the U. S. Public Health Service for a grant in the amount of $103,500 is approved and financed by the federal government, funds requested from the state will be reduced accordingly.

"President Jensen and Architect Herman Brookman of Portland have presented to the Board's Office the preliminary plans covering the proposed alterations to approximately 12,000 square feet within the present building and the construction of an addition of about 16,306 square feet to the north side of the building. The alterations include modifications in each of the three floors of the existing structure, and the addition is to be five floors in height.

"Within the remodeled and enlarged building, there will be several instructional and research laboratories for pharmaceutical chemistry, pharmacology, pharmacognosy and pharmacy administration in addition to faculty and staff offices, lecture rooms, seminar and conference areas, storage, stockroom, display and service spaces. One of the laboratories is designed for amphitheater seating suitable for demonstrations and is equipped for closed-circuit television. The fifth floor area of the new addition includes facilities for animal care and mechanical equipment as well as access to the machine room for the electric freight elevator which is to be provided in the project.

"The addition to the existing Pharmacy Building is to be of reinforced concrete construction. The exterior concrete walls are to be faced with four-inch brick veneer to match closely the texture and the color of the face brick of the existing building. Window frames, sash and spandrels are to be of aluminum. New interior non-supporting partitions within both the new unit and the existing building are to be of three-inch metal studs, metal lath and plaster. The ceilings are to be acoustically treated, and floors are to be finished with resilient tile except in toilet rooms which are to be finished with semi-glazed walls, ceramic floors, and plaster ceilings. Heat will be provided from the central heating plant."
"President Jensen, with the concurrence of the Chancellor, recommends that the preliminary plans for the addition and alterations to the existing Pharmacy Building be approved, but that the preparation of final plans and specifications be deferred pending the availability of funds for the construction of the project.

"The Committee concurs in the recommendation."

The Board adopted the report as presented.

Mr. Forrester continued:

"At the June 1962 meeting, the Board approved a preliminary scheme for the construction of an Oceanography Building at Oregon State University with a gross area of approximately 29,456 square feet. It was indicated that the building was to be 68 by 122 feet in size and was to be four stories in height.

"Oregon State University officials and the architects have presented to the Board's Office the preliminary plans for the project. These plans indicate only minor modifications in the preliminary scheme and provide for a total of 33 staff offices, 2 office-laboratories, 18 instructional and research laboratories, 6 offices for graduate students, laboratory preparation rooms, cold rooms, 2 conference rooms, a library, an office for the department chairman, and various space for data processing, typing, accounting, duplicating and storage. Single-occupancy offices in the building include a total of 120 square feet each, which is somewhat in excess of the Board standards, however, multiple use of several of these offices will bring the average area within the approved standards.

"The estimated cost of the project is $666,500, of which the direct construction cost will be approximately $560,000, including built-in laboratory equipment. The structure will be financed from a $500,000 grant from the National Science Foundation and $166,500 from restricted fund balances available to the institution through building use allowances related to research and instructional contracts and grants.

"President Jensen, with the concurrence of the Chancellor, recommends that the preliminary plans for the Oceanography Building at Oregon State University be approved and that authorization be given to the appropriate Board officials to direct Architects Jeppsen and Miller to proceed with the preparation of final plans and specifications, subject to the approval of the State Emergency Board.

"The Committee concurs in the recommendations."

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

"At the March 1962 meeting, the Board appointed Architects Jeppsen and Miller of Corvallis to design a Meats Laboratory at Oregon State University. At the time the appointment was made it was estimated that the direct construction cost, including fixtures would be approximately $80,000. After the architects had studied the project, it became apparent that it would be necessary to increase the size and scope of the building to an over-all cost of approximately $185,000, of which about $153,585 represents the estimated direct construction cost. In order to finance the revised project, it will be necessary to utilize funds available from legislative appropriations for Agricultural Research Buildings during the 1961-1963 biennium and from similar appropriations expected for the 1963-1965 biennium.

"Oregon State University officials and the architects have filed with the Board the preliminary plans for the project, indicating that the structure is to be a one-story building with over-all dimensions 65 by 130 feet, located on the southwest corner of Campus Way and Thirty-Fifth Street. It is to have a gross area of approximately 7,814 square feet. The building is to have masonry exterior bearing walls, wood roof construction, and concrete floor slab. The exterior materials are to consist of concrete block with sanded finish for the walls, and aluminum sash. The floors are to be vinyl-asbestos tile in office areas and concrete elsewhere. The walls are to be plaster in the office areas, glazed tile in the work areas, and concrete slab in the storage areas. Acoustical tile is to be used in the ceiling in the office areas and cement asbestos board in the work areas. Heat is to be furnished by means of unit ventilators in the work areas and electric heat in the office areas.

"The interior of the building includes numerous partitioned areas such as: kill area, freezing rooms, cooling rooms, smoke and lard room, pickling room, cutting and wrapping room, research laboratories, two offices, several storage rooms, and a mechanical room.

"President Jensen, with the concurrence of the Chancellor, recommends that the preliminary plans for the Meats Laboratory be approved and that authorization be given to the appropriate Board officials to direct the architects to proceed with the preparation of final plans, with the understanding that bids for the construction of the building will not be requested until the necessary additional funds have been provided by the 1963 Legislature.

"The Committee concurs in the recommendations."

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

"Earlier this year, Architects Wolff & Zimmer were commissioned to design the proposed Physical Education Building at Portland State College for which funds are proposed to be requested from the 1963 Legislature. They were asked to assist the staff of the institution in selecting a site for this project which would fulfill the initial requirements and also provide an opportunity for expansion, if possible.

"After considering the various alternatives, the architects and Portland State College officials recommend that the Physical Education Building be constructed on Block 231 and the east half of Block 238, Portland Addition. This site borders S. W. Park Avenue on the east, S. W. Hall on the north and S. W. College Street on the South. It would require the vacation of S. W. Tenth Avenue between S. W. Hall and S. W. College Street, but it is contemplated that such vacation would be possible since the property is located near the proposed freeway.

"The architects have indicated the following reasons for the selection of this site for the Physical Education Building:

1. The site is at the permanent perimeter of the proposed campus development. Because of its large size and use, the physical education facility would not be functionally compatible with classroom complexes, and being removed from the direction of growth, it would neither interfere with nor commit the pattern of growth in the expansion area.

2. Being located on the Park Blocks, the major structuring element of the College, the Physical Education Building would immediately be an integral part of the present campus planning system. Also, having the long axis in a westerly direction from the Park Blocks, it could integrate with other outdoor space systems which would be developed in the future in that area.

3. A physical education facility, being a building type not affected by surrounding noise, would act as a convenient buffer to the proposed freeway.

4. The site is close to reasonable future outdoor activity areas southeast of the campus.

5. The amassing of a site large enough to contain the physical education facility would almost necessarily involve the vacating of a street. Examining the circumstances, the vacating of S. W. Tenth at an immediate date would be more probable than most any other in the development area.

6. The anticipated cost is reasonable in relation to the sites considered."
"The architects have prepared a pre-preliminary scheme for the proposed building which indicates a gross area of approximately 113,714 square feet. Inasmuch as the staff of the Board's office has not had an opportunity to study and discuss the schematic plan with institutional officials, the architects, or consultants, the presentation thereof to the Board is being deferred to a subsequent meeting. It should be noted, however, that the proposal includes a two-story building with multipurpose outdoor activities contemplated on the roof deck.

"President Millar recommends the selection of the site of the proposed Physical Education Building in Block 231 and the east half of Block 238, Portland Addition. The Chancellor concurs with this recommendation with the understanding that Portland State College officials will immediately secure from the Council of the City of Portland by resolution, or by a letter from the individual members, an indication of intent that S. W. Tenth Avenue, at least between S. W. Hall Street and S. W. College Street, will be vacated as needed for the construction of the project. The estimated cost of the land is included in the request being submitted to the 1963 Legislature for this building.

"The Committee concurs in the recommendation."

The Board adopted the report as presented.

Mr. Forrester continued:

"At a special meeting in Portland on June 30, the Building Committee and other members of the Board reviewed in detail the institutional requests and the Chancellor's recommendations for the capital construction program for which state funds are expected to be requested from the 1963 Legislature. Summary analyses of space utilization studies for the fall term 1961 were discussed in relation to comparable data for prior years and in relation also to the objectives of classroom and laboratory utilization established by the Board. Tentatively, approval was given by the Building Committee to a program which would require an appropriation totaling $44,950,000 for land purchases, new construction projects, major additions to existing buildings, and advance planning funds for buildings proposed for construction during 1965-1967.

"Giving effect to a few minor adjustments in the estimated cost of projects for which architectural planning is in progress, the recommended capital construction program is summarized as follows:

I. Land Purchases:
   a. Site for parking structure, PSC $275,000
   b. Portion of cemetery tract, UO 250,000
   c. Other land purchases 975,000
   Total land purchases $1,500,000

II. Special capital outlay projects conditional upon receipt of equal or greater gift and grant funds 1,000,000
III. Advance planning funds for buildings proposed for construction during 1965-1967 estimated cost (approximately 1% of project costs) $320,000
Less - advance planning funds which may be available from the Housing and Home Finance Agency (dependent upon federal appropriations) 220,000 100,000

IV. Completion of educational and general plant at Oregon Technical Institute (per attached schedule) 3,700,000

V. Other new construction projects and major alterations to existing buildings (per attached schedule) 38,845,000
Total $45,145,000

OREGON STATE BOARD OF HIGHER EDUCATION
COMPLETION OF EDUCATIONAL AND GENERAL PLANT AT OREGON TECHNICAL INSTITUTE
FOR WHICH STATE FUNDS ARE REQUESTED DURING 1963-1965

<table>
<thead>
<tr>
<th>Gross Sq. Ft. Area</th>
<th>Estimated Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Building</td>
<td>14,300</td>
</tr>
<tr>
<td>Physical Plant Building</td>
<td>21,000</td>
</tr>
<tr>
<td>Physical Education Building</td>
<td>52,350</td>
</tr>
<tr>
<td>Library</td>
<td>10,500</td>
</tr>
<tr>
<td>Instructional Shops Building</td>
<td>92,000</td>
</tr>
<tr>
<td>Radioactive Isotopes Laboratory</td>
<td>2,200</td>
</tr>
<tr>
<td>Equipment for Classroom and Laboratory Buildings (under construction in 1962)</td>
<td>-</td>
</tr>
<tr>
<td>Roads, Paving and Landscaping</td>
<td>-</td>
</tr>
<tr>
<td>Outside Utilities</td>
<td>-</td>
</tr>
<tr>
<td><strong>Subtotals</strong></td>
<td>192,330</td>
</tr>
</tbody>
</table>

Less - Estimated Balance Available from 1961 Appropriation of $2,750,000
Net $3,702,279
Rounded Off $3,700,000

*It is expected that the basement area of the proposed Physical Education Building would include temporary facilities for the student bookstore, student lounge, snack bar and student post office as well as provide minimum fallout protection for 1,160 persons.

NOTE: Construction cost estimates are based upon the price level expected to prevail early in 1963 when bids are scheduled to be received.
OREGON STATE BOARD OF HIGHER EDUCATION
LISTING OF NEW CONSTRUCTION PROJECTS AND MAJOR ALTERATIONS TO EXISTING BUILDINGS FOR WHICH STATE FUNDS ARE REQUESTED DURING 1963-1965

(Arranged in Order of Priority Recommended by Building Committee on June 30, 1962)

<table>
<thead>
<tr>
<th>Project</th>
<th>Gross Sq. Ft. Area</th>
<th>Estimated Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Heating Plants and Utility Services:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. UO - Central Heating Plant Addition, including Boiler, and primary electrical Feeder Service</td>
<td>4,000</td>
<td>$875,000</td>
</tr>
<tr>
<td>b. UOMS - Central Heating Plant Boiler</td>
<td>-</td>
<td>90,000</td>
</tr>
<tr>
<td>c. OSU - Utility Tunnel Extensions</td>
<td>-</td>
<td>410,000</td>
</tr>
<tr>
<td>2. OSU - Alterations to Old Library Building</td>
<td>68,000</td>
<td>500,000</td>
</tr>
<tr>
<td>3. PSC - Physical Education Building, including land</td>
<td>118,000</td>
<td>2,880,000</td>
</tr>
<tr>
<td>4. SOC - Classroom, Laboratory and Office Building, including land</td>
<td>37,486</td>
<td>875,000</td>
</tr>
<tr>
<td>5. OCE - Classroom, Laboratory and Office Building, including land</td>
<td>30,800</td>
<td>765,000</td>
</tr>
<tr>
<td>6. EOC - Science-Mathematics Building</td>
<td>27,000</td>
<td>790,000</td>
</tr>
<tr>
<td>7. UO - Library Building, First Addition and Alterations</td>
<td>100,760</td>
<td>2,330,000</td>
</tr>
<tr>
<td>8. OSU - Pharmacy Building Addition and Alterations</td>
<td>28,306</td>
<td>640,000</td>
</tr>
<tr>
<td>9. UO - Science Building, Second Addition</td>
<td>90,000</td>
<td>2,410,000</td>
</tr>
<tr>
<td>10. OSU - Cordley Hall, First Addition</td>
<td>89,235</td>
<td>2,385,000</td>
</tr>
<tr>
<td>11. SOC - Physical Education Building Addition</td>
<td>40,213</td>
<td>615,000</td>
</tr>
<tr>
<td>12. OCE - Library Building Addition and Alterations</td>
<td>18,979</td>
<td>500,000</td>
</tr>
<tr>
<td>13. UOMS - Library Building Addition and Alterations</td>
<td>11,121</td>
<td>290,000</td>
</tr>
<tr>
<td>14. PSC - Library, Second Unit, including land, and Alterations to Existing Library for Offices and Air Cooling</td>
<td>88,000</td>
<td>2,900,000</td>
</tr>
<tr>
<td>15. OSU - Mechanical Engineering Building</td>
<td>62,663</td>
<td>1,670,000</td>
</tr>
<tr>
<td>16. UO - Humanities Complex, First Addition (Additions to Prince Campbell, Chapman and Condon Halls)</td>
<td>66,052</td>
<td>1,745,000</td>
</tr>
<tr>
<td>17. UO - Science Building, Third Addition</td>
<td>82,500</td>
<td>2,210,000</td>
</tr>
<tr>
<td>18. UOMS - Alterations to 5th Floor of Medical Science Building</td>
<td>8,500</td>
<td>255,000</td>
</tr>
<tr>
<td>19. GED - Office and Studio Building, Second Addition, including land</td>
<td>18,644</td>
<td>500,000</td>
</tr>
<tr>
<td>20. PSC - Physical Plant Service Building, including land</td>
<td>20,000</td>
<td>405,000</td>
</tr>
<tr>
<td>21. UO - Music Building, First Addition</td>
<td>15,000</td>
<td>350,000</td>
</tr>
<tr>
<td>22. UO - Laboratory Building at Marine Biology Station, Charleston</td>
<td>11,500</td>
<td>185,000</td>
</tr>
<tr>
<td>23. UO - Women's Physical Education Building Addition and Alterations</td>
<td>45,000</td>
<td>1,050,000</td>
</tr>
<tr>
<td>24. EOC - Library Building Addition and Alterations</td>
<td>9,500</td>
<td>365,000</td>
</tr>
<tr>
<td>25. OSU - Administration Building</td>
<td>97,000</td>
<td>2,120,000</td>
</tr>
<tr>
<td>26. UO - Administration Building</td>
<td>68,000</td>
<td>1,465,000</td>
</tr>
<tr>
<td>27. UOMS - Alterations to 3rd and 4th Floors of Outpatient Clinic Building</td>
<td>14,100</td>
<td>260,000</td>
</tr>
<tr>
<td>28. PSC - Science Building Addition, including land</td>
<td>80,000</td>
<td>2,850,000</td>
</tr>
<tr>
<td>29. OSU - Family Living Center, including land</td>
<td>20,004</td>
<td>540,000</td>
</tr>
<tr>
<td>30. OSU - Cordley Hall, Second Addition</td>
<td>72,350</td>
<td>1,910,000</td>
</tr>
</tbody>
</table>
Meeting #306-23

July 24, 1962

<table>
<thead>
<tr>
<th>Project</th>
<th>Gross Sq. Ft.</th>
<th>Area</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>31. UO - Humanities Complex, Second Addition</td>
<td>42,948</td>
<td></td>
<td>$905,000</td>
</tr>
<tr>
<td>32. FSC - Rehabilitation of Old Main Building</td>
<td>-</td>
<td>85,000</td>
<td></td>
</tr>
<tr>
<td>33. OTI - Library Addition (Auditorium)</td>
<td>8,000</td>
<td>190,000</td>
<td></td>
</tr>
<tr>
<td>34. OTI - Roads, Paving and Landscaping Supplement</td>
<td>-</td>
<td>175,000</td>
<td></td>
</tr>
<tr>
<td>35. OTI - Outside Utilities for Dormitory Areas</td>
<td>-</td>
<td>15,000</td>
<td></td>
</tr>
<tr>
<td>36. OTI - Dormitory Supplement</td>
<td>-</td>
<td>240,000</td>
<td></td>
</tr>
<tr>
<td>37. UODS - Installation of Central Water Chilling Equipment to provide Air Cooling for Basement, Ground, First and Second Floors of Dental School Building</td>
<td>-</td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td>Total - New Construction Projects and Major Alterations to Existing Buildings</td>
<td>$38,845,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

"The construction cost estimates are based on 106 per cent of the June 1962 price level and exclude expenditures which may be required for fallout protection except at Oregon Technical Institute. The listing does not include projects normally financed from nonstate funds such as dormitories, student centers, athletic facilities, etc.

"The Chancellor recommends that the capital construction program for which state funds are to be requested from the 1963 Legislature be approved and that the Governor's office be advised of the priorities indicated for new construction projects and major alterations to existing buildings.

"The Committee endorses the recommendation that the capital construction program for the 1963-1965 biennium be submitted to the Governor and the 1963 Legislature in the total amount of $45,145,000."

The Board adopted the report as presented and authorized the seeking of funds from the 1963 Legislature in the amounts recommended.

Mr. Forrester continued:

1963-1965 Self-Liquidating Building Program, Including Land

"At the June 12, 1962, meeting of the Board, the Chancellor presented a listing of proposed self-liquidating projects, such as dormitories, married student apartments, student centers and athletic and health service facilities, which the institutional executives proposed for construction during the two-year period beginning March 1, 1963, totaling $23,180,000. A revised listing totaling $25,147,560 was reviewed by the Building Committee and other members of the Board who attended a special committee meeting in Portland on June 30. One other revision has been made to reflect an increase in the cost of a project currently being designed, adjusting the total to $25,157,560. These costs include $1,362,000 for land which will be required as building sites for the self-liquidating projects proposed for construction prior to June 30, 1965."
"Tentatively, it is expected that the projects will be financed from the following resources:

- Bond borrowings (par value, $23,093,000) $22,631,140
- Restricted fund balances 2,526,420
- Total $25,157,560

It will be necessary to request the 1963 Legislature to increase the present bond borrowing limitation of $34,000,000 by an amount sufficient to permit the sale of the additional bonds.

OREGON STATE BOARD OF HIGHER EDUCATION
SUMMARY LISTING OF SELF-LIQUIDATING PROJECTS PROPOSED FOR CONSTRUCTION
MARCH 1, 1963, THROUGH FEBRUARY 28, 1965

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Estimated Project Cost</th>
<th>Sources of Funds</th>
<th>Bond Balances</th>
<th>Borrowings</th>
</tr>
</thead>
<tbody>
<tr>
<td>EASTERN OREGON COLLEGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Hunt Hall, Second Addition, Dormitory for 104 Students</td>
<td>$360,000</td>
<td>$66,000</td>
<td>$294,000</td>
<td></td>
</tr>
<tr>
<td>2. Eocene Court Apartments (16 married student apartments)</td>
<td>$190,000</td>
<td>$23,400</td>
<td>$166,600</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - Eastern Oregon College</strong></td>
<td><strong>$550,000</strong></td>
<td><strong>$89,400</strong></td>
<td><strong>$460,600</strong></td>
<td></td>
</tr>
<tr>
<td>OREGON COLLEGE OF EDUCATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory for 150 Students</td>
<td>$660,000</td>
<td>$44,560</td>
<td>$615,440</td>
<td></td>
</tr>
<tr>
<td>OREGON STATE UNIVERSITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 7 for 375 Students</td>
<td>$1,400,000</td>
<td>$165,200</td>
<td>$1,234,800</td>
<td></td>
</tr>
<tr>
<td>2. Family Housing, 24 Units</td>
<td>255,000</td>
<td>255,000</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>3. Dormitory Nos. 8 &amp; 9 for 750 Students, including land</td>
<td>3,105,000</td>
<td>135,600</td>
<td>2,969,400</td>
<td></td>
</tr>
<tr>
<td>4. Family Housing, 60 Units</td>
<td>630,000</td>
<td>12,600</td>
<td>617,400</td>
<td></td>
</tr>
<tr>
<td>5. Land for Future Dormitories</td>
<td>210,000</td>
<td>28,700</td>
<td>181,300</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - Oregon State University</strong></td>
<td><strong>$5,600,000</strong></td>
<td><strong>$597,100</strong></td>
<td><strong>$5,002,900</strong></td>
<td></td>
</tr>
<tr>
<td>SOUTHERN OREGON COLLEGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Athletic Facilities (Portion of cost of swimming pool)</td>
<td>$130,000</td>
<td>$130,000</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>2. Cascade Hall, Unit E, Dormitory for 96 Students</td>
<td>440,000</td>
<td>960</td>
<td>439,040</td>
<td></td>
</tr>
<tr>
<td>3. Dining Hall for Cascade Complex</td>
<td>370,000</td>
<td>1,520</td>
<td>368,480</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - Southern Oregon College</strong></td>
<td><strong>$940,000</strong></td>
<td><strong>$132,480</strong></td>
<td><strong>$807,520</strong></td>
<td></td>
</tr>
<tr>
<td>UNIVERSITY OF OREGON</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 8 for 396</td>
<td>$1,910,000</td>
<td>$146,000</td>
<td>$1,764,000</td>
<td></td>
</tr>
<tr>
<td>2. Dormitory No. 9 for 396, including land</td>
<td>1,645,000</td>
<td>126,000</td>
<td>1,519,000</td>
<td></td>
</tr>
<tr>
<td>3. Central Food Service, including land</td>
<td>470,000</td>
<td>29,000</td>
<td>441,000</td>
<td></td>
</tr>
<tr>
<td>4. Dormitory Administration Building</td>
<td>210,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5. Recreational Unit, including tennis courts</td>
<td>475,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>6. Health Service Building</td>
<td>1,185,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>7. Dormitory at Charleston, Oregon</td>
<td>195,000</td>
<td>26,800</td>
<td>168,200</td>
<td></td>
</tr>
<tr>
<td>8. Westmoreland Village, 103 Units</td>
<td>955,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>9. Dormitory No. 10 for 386</td>
<td>1,760,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>10. Dormitory No. 11 for 386</td>
<td>1,760,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>11. Land for Future Dormitories</td>
<td>680,000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>Totals - University of Oregon</strong></td>
<td><strong>$11,245,000</strong></td>
<td><strong>$327,800</strong></td>
<td><strong>$10,917,200</strong></td>
<td></td>
</tr>
</tbody>
</table>
### UNIVERSITY OF OREGON DENTAL SCHOOL
(See UOMS)

<table>
<thead>
<tr>
<th>Estimated Project Cost</th>
<th>Sources of Funds Bond Borrowings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ -</td>
<td>$ -</td>
</tr>
</tbody>
</table>

### UNIVERSITY OF OREGON MEDICAL SCHOOL

1. Dormitory for Women Students (192) $1,035,000 $120 $1,034,880

### PORTLAND STATE COLLEGE

1. Portion of Cost of Swimming Pool $85,000 10,520 $74,480
2. Student Health Service Facilities, including land 315,000 15,120 299,880
3. Outdoor Athletic Facilities (possible joint venture with City of Portland) 225,000 76,040 148,960
4. College Center Building Addition, excluding land 1,055,000 104,400 950,600
5. Parking Facilities for 500 Cars 885,000 3,000 882,000
6. Air Conditioning of College Center Building 115,000 17,000 98,000

**Totals - Portland State College** $2,680,000 $226,080 $2,453,920

### OREGON TECHNICAL INSTITUTE

1. Dormitory for 280 Students $1,250,000 $373,880 $876,120

### GENERAL EXTENSION DIVISION

$ - $ - $ -

### Unassigned Bond Borrowings

$1,197,560 $ - $1,197,560

### Funds Available from Series 1962 Bond Borrowings

**Totals - March 1, 1963, through February 28, 1965**

$25,157,560 $2,526,420 $22,631,140

### NOTES:

1. For projects for which construction is scheduled to begin prior to December 31, 1963, estimates are based on 103% of the June 1962 price level. For projects for which construction is scheduled to begin after January 1, 1964, but prior to February 28, 1965, estimates are based on 106% of the June 1962 price level.

2. The cost estimates indicated above do not reflect any additional expenditures which may be required if fallout protection is provided pursuant to the request of the Governor's office. Such information is being assembled for projects under design and will be submitted to the Department of Finance and Administration at a later time.

3. Balances indicated for Projects 2 and 3 at Portland State College include funds available from the Student Health Service and from Athletic Activities.

4. Of the total estimated costs, $1,362,000 represents land purchase requirements for self-liquidating projects proposed for construction prior to June 30, 1965.

5. Assuming that the General Obligation bonds are sold @98, it is expected that the par value of Series 1963 bonds will need to be $10,000,000 and the par value of Series 1964 bonds will need to be $13,093,000, or a total of $23,093,000. These bond borrowings are conditional upon favorable action by the 1963 Legislature in increasing the present bond ceiling of $34,000,000 established in 1961.
"The Chancellor recommends that the program of construction of self-liquidating projects, totaling $25,157,560, including land, for the 1963-1965 biennium be transmitted to the Governor's office indicating the priorities which have been recommended by the institutions, and also recommends that legislative authorization be requested in order to increase the statutory bond borrowing ceiling.

"The Committee endorses the recommendation, recognizing that the bond borrowing ceiling will need to be increased from $34,000,000 to $56,500,000."

The Board adopted the report as presented.

Mr. Forrester continued:

"In order to comply with the statutory provisions requiring the preparation of a six-year capital construction program, the Building Committee and other members of the Board reviewed the tentative listing of new construction projects and major alterations to existing buildings which the institutions recommended for the bienniums 1965-1967 and 1967-1969 at the June 12, 1962, meeting and again during a special committee meeting in Portland on June 30, 1962.

"It was indicated that these capital improvements would be needed to provide the educational and general plant facilities required to serve the increased number of students expected to enroll, and that in projecting the space requirements the institutional executives have taken into consideration the classroom, laboratory and student station utilization objectives previously approved by the Board. The tentative program, arranged in priority order for each institution, as requested by the institutional executives, is as follows:

OREGON STATE BOARD OF HIGHER EDUCATION
INSTITUTIONAL TENTATIVE REQUESTS FOR STATE APPROPRIATIONS FOR BUILDING CONSTRUCTION
(Arranged by institutional priority)

<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1. Fine Arts Building</td>
<td>$ 475,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Physical Education Building Addition</td>
<td>675,000</td>
<td>530,000</td>
</tr>
<tr>
<td>3. Science-Mathematics Building Addition</td>
<td></td>
<td>50,000</td>
</tr>
<tr>
<td>4. Central Heating Plant Addition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totals - Eastern Oregon College</td>
<td>$1,150,000</td>
<td>$580,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1. Physical Education Building Addition</td>
<td>$350,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Classroom Building</td>
<td>930,000</td>
<td>740,000</td>
</tr>
<tr>
<td>3. Classroom Building (Replacement of Campbell Hall)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totals - Oregon College of Education</td>
<td>$1,280,000</td>
<td>$740,000</td>
</tr>
<tr>
<td>-----------------------------</td>
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<td>-----------</td>
</tr>
<tr>
<td><strong>OREGON STATE UNIVERSITY:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Utility Tunnel Extensions:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>West Hall</td>
<td>$230,000</td>
<td>$</td>
</tr>
<tr>
<td>Electrical Installations</td>
<td>$205,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Agriculture Hall Remodeling (Part)</td>
<td>$955,000</td>
<td>$</td>
</tr>
<tr>
<td>3. Forestry Building</td>
<td>$1,630,000</td>
<td>$</td>
</tr>
<tr>
<td>4. Civil Engineering Building</td>
<td>$2,650,000</td>
<td>$</td>
</tr>
<tr>
<td>5. Agricultural Sciences Building</td>
<td>$3,465,000</td>
<td>$</td>
</tr>
<tr>
<td>6. Production Technology Building</td>
<td>$2,110,000</td>
<td>$</td>
</tr>
<tr>
<td>7. Library Building, First Addition</td>
<td>$1,270,000</td>
<td>$</td>
</tr>
<tr>
<td>8. Engineering Laboratory Remodeling</td>
<td>$295,000</td>
<td>$</td>
</tr>
<tr>
<td>9. Mines Building Remodeling</td>
<td>$150,000</td>
<td>$</td>
</tr>
<tr>
<td>10. Men's Physical Education Building Addition</td>
<td>$1,165,000</td>
<td>$</td>
</tr>
<tr>
<td>11. Women's Physical Education Building Addition</td>
<td>$1,005,000</td>
<td>$</td>
</tr>
<tr>
<td>12. Physical Plant Building, including land</td>
<td>$1,390,000</td>
<td>$</td>
</tr>
<tr>
<td>13. Central Heating Plant Addition</td>
<td>$125,000</td>
<td>$</td>
</tr>
<tr>
<td>14. Old Forestry Building Remodeling</td>
<td>$240,000</td>
<td>$</td>
</tr>
<tr>
<td>15. Physical Science Building</td>
<td>$2,120,000</td>
<td>$</td>
</tr>
<tr>
<td>16. Earth Sciences Building, including land</td>
<td>$835,000</td>
<td>$</td>
</tr>
<tr>
<td>17. Electrical Engineering Building Addition</td>
<td>$705,000</td>
<td>$</td>
</tr>
<tr>
<td>18. Fine Arts Building</td>
<td>$765,000</td>
<td>$</td>
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<tr>
<td>19. Agricultural Sciences Building Addition</td>
<td>$2,650,000</td>
<td>$</td>
</tr>
<tr>
<td>20. Agriculture Hall Remodeling (Completion)</td>
<td>$210,000</td>
<td>$</td>
</tr>
<tr>
<td>21. Library Building, Second Addition</td>
<td>$1,355,000</td>
<td>$</td>
</tr>
<tr>
<td>22. Women's Physical Education Building Remodeling</td>
<td>$635,000</td>
<td>$</td>
</tr>
<tr>
<td>23. Addition to Central Heating Plant</td>
<td>$230,000</td>
<td>$</td>
</tr>
<tr>
<td><strong>Totals - Oregon State University</strong></td>
<td>$16,645,000</td>
<td>$9,745,000</td>
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</tr>
<tr>
<td><strong>SOUTHERN OREGON COLLEGE:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Library Building Remodeling</td>
<td>$140,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Central Heating Plant Addition</td>
<td>$105,000</td>
<td>$</td>
</tr>
<tr>
<td>3. Classroom Building</td>
<td>$1,005,000</td>
<td>$</td>
</tr>
<tr>
<td>4. Library Building Addition and Alterations</td>
<td>$540,000</td>
<td>$</td>
</tr>
<tr>
<td>5. Classroom Building</td>
<td>$795,000</td>
<td>$</td>
</tr>
<tr>
<td>6. Physical Plant Building</td>
<td>$240,000</td>
<td>$</td>
</tr>
<tr>
<td><strong>Totals - Southern Oregon College</strong></td>
<td>$1,250,000</td>
<td>$1,575,000</td>
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<tr>
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</tr>
<tr>
<td><strong>UNIVERSITY OF OREGON:</strong></td>
<td></td>
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</tr>
<tr>
<td>1. Architecture and Allied Arts Building Addition</td>
<td>$1,050,000</td>
<td>$</td>
</tr>
<tr>
<td>2. Men's Physical Education Building Addition</td>
<td>$425,000</td>
<td>$</td>
</tr>
<tr>
<td>3. Physical Education and Athletic Department Field House (supplemented by restricted funds)</td>
<td>$350,000</td>
<td>$</td>
</tr>
<tr>
<td>4. Library Building, Second Addition</td>
<td>$585,000</td>
<td>$</td>
</tr>
<tr>
<td>5. Classroom, Office and Research Building</td>
<td>$1,630,000</td>
<td>$</td>
</tr>
<tr>
<td>6. Science Building, Fourth Addition</td>
<td>$1,060,000</td>
<td>$</td>
</tr>
<tr>
<td>7. Museum of Natural History</td>
<td>$425,000</td>
<td>$</td>
</tr>
<tr>
<td>8. Library Building, Third Addition</td>
<td>$585,000</td>
<td>$</td>
</tr>
<tr>
<td>9. Classrooms, Offices and Research Building</td>
<td>$2,120,000</td>
<td>$</td>
</tr>
<tr>
<td>10. Science Building, Fifth Addition</td>
<td>$850,000</td>
<td>$</td>
</tr>
<tr>
<td>11. Music Building, Second Addition</td>
<td>$235,000</td>
<td>$</td>
</tr>
<tr>
<td><strong>Totals,- University of Oregon</strong></td>
<td>$5,525,000</td>
<td>$3,790,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>UNIVERSITY OF OREGON DENTAL SCHOOL</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>
Meeting #306-28

UNIVERSITY OF OREGON MEDICAL SCHOOL:
1. Outpatient Clinic Building Addition $1,445,000
2. Central Incinerating Plant
   Totals - University of Oregon Medical School $1,555,000

PORTLAND STATE COLLEGE:
1. State Hall, First Addition $1,635,000
2. South Park Hall Addition $2,355,000
3. Physical Education Building Addition, including land $2,015,000
4. Physical Plant Service Building Addition, including land $645,000
5. State Hall, Second Addition, including land
   Totals - Portland State College $3,990,000

OREGON TECHNICAL INSTITUTE

GENERAL EXTENSION DIVISION:
1. Office and Studio Building, Corvallis $380,000
2. Capitol Television Studio Equipment, Salem $125,000
   Totals - General Extension Division $380,000

TOTALS - New Construction Projects and Major Alterations to Existing Buildings $31,725,000

Special Capital Outlay Projects Conditional upon Receipt of Equal or Greater Gift and Grant Funds $1,000,000

Land Purchases $1,500,000

Advance Planning Funds for Buildings Proposed for Construction during 1965-1967 (requested in 1963-1965) (100,000)

Advance Planning Funds for Buildings Proposed for Construction During 1967-1969 $210,000

GRAND TOTALS $34,335,000 $23,160,000

Note: Cost estimates are based on 106% of the June 1962 price level and exclude expenditures which may be required for fallout protection. No provision has been made in the above list for projects normally financed from nonstate funds, such as dormitories, student centers, athletic facilities, etc.

"The Chancellor recommends that the capital construction program outlined for the 1965-1967 and 1967-1969 biennia be approved for transmittal to the Governor's office with the understanding that appropriate review and re-evaluation would be made as each biennium is approached, and modifications would be made as future developments necessitate. System-wide priorities have not been established but the projects are listed in the priority order within each institution as recommended by the institutional executive. The total capital outlay requirements for 1965-1967 are estimated at $34,335,000. For the biennium 1967-1969, the requirements total $23,160,000.

"The Committee endorses the recommendation."

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

1965-1967 and 1967-1969 Self-Liquidating Programs, Including Land

"The following list of tentative proposals for building construction as submitted by the institutions of the State System for self-liquidating projects for the bienniums 1965-1967 and 1967-1969, was reviewed briefly at the regular meeting of the Board on June 12, 1962, and at a special meeting of the Building Committee on June 30, 1962. It has been modified to include one additional project for the University of Oregon which had been omitted inadvertently.

"As revised, the estimated total cost of the self-liquidating projects, including land, for the biennium 1965-1967 amounts to $17,610,000; and the total cost of similar projects, including land, for the biennium 1967-1969 amounts to $10,610,000. The listings were prepared by the institutions in accordance with standards adopted by the Board and in accordance with the estimated enrolment figures for these biennia as determined by the Board's Office.

OREGON STATE BOARD OF HIGHER EDUCATION
SUMMARY LISTING OF SELF-LIQUIDATING PROJECTS PROPOSED FOR CONSTRUCTION
March 1, 1965, through February 28, 1967

(Arranged in order of institutional priorities subject to modification as enrolment data become known and financing becomes available)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Construction Start</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>EASTERN OREGON COLLEGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory for 102 women students, including land</td>
<td>Mar. 1965</td>
<td>$455,000</td>
</tr>
<tr>
<td>2. Dormitory for 135 men students</td>
<td>Mar. 1965</td>
<td>585,000</td>
</tr>
<tr>
<td><strong>Totals - Eastern Oregon College</strong></td>
<td></td>
<td><strong>$1,040,000</strong></td>
</tr>
<tr>
<td>OREGON COLLEGE OF EDUCATION</td>
<td>Sept. 1965</td>
<td>$680,000</td>
</tr>
<tr>
<td>OREGON STATE UNIVERSITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory Nos. 10 and 11 for 750 students, and Cafeteria</td>
<td>Apr. 1965</td>
<td>$3,690,000</td>
</tr>
<tr>
<td>2. Family Housing, 60 units</td>
<td>Apr. 1965</td>
<td>630,000</td>
</tr>
<tr>
<td>3. Dormitory No. 12 for 375 students</td>
<td>Apr. 1966</td>
<td>1,440,000</td>
</tr>
<tr>
<td><strong>Totals - Oregon State University</strong></td>
<td></td>
<td><strong>$5,760,000</strong></td>
</tr>
<tr>
<td>SOUTHERN OREGON COLLEGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Cascade Hall, Unit F, Dormitory for 94 students</td>
<td>July 1966</td>
<td>$440,000</td>
</tr>
<tr>
<td>2. Athletic Stadium and Bleachers, including land</td>
<td>July 1966</td>
<td>150,000</td>
</tr>
<tr>
<td><strong>Totals - Southern Oregon College</strong></td>
<td></td>
<td><strong>$590,000</strong></td>
</tr>
<tr>
<td>UNIVERSITY OF OREGON:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 12 for 386 students</td>
<td>Mar. 1965</td>
<td>$1,760,000</td>
</tr>
<tr>
<td>2. Dormitory No. 13 for 386 students</td>
<td>Mar. 1965</td>
<td>1,760,000</td>
</tr>
<tr>
<td>3. Westmoreland Village, 103 units</td>
<td>Mar. 1965</td>
<td>955,000</td>
</tr>
<tr>
<td>4. Dormitory No. 14 for 386 students, including land for Dormitory Nos. 14 and 15</td>
<td>Mar. 1966</td>
<td>2,765,000</td>
</tr>
<tr>
<td>5. Erb Memorial Union Building, Second Addition</td>
<td>Mar. 1966</td>
<td>2,120,000</td>
</tr>
<tr>
<td>6. Physical Education and Athletic Department Field House (Supplement to State Funds, $350,000)</td>
<td>Mar. 1966</td>
<td>180,000</td>
</tr>
<tr>
<td><strong>Totals - University of Oregon</strong></td>
<td></td>
<td><strong>$9,540,000</strong></td>
</tr>
</tbody>
</table>
### UNIVERSITY OF OREGON DENTAL SCHOOL

### UNIVERSITY OF OREGON MEDICAL SCHOOL

### PORTLAND STATE COLLEGE

### OREGON TECHNICAL INSTITUTE

### GENERAL EXTENSION DIVISION

**TOTALS - MARCH 1, 1965, THROUGH FEBRUARY 28, 1967**

$17,610,000

**Note:** Construction cost estimates are based on 106% of the June 1962 price level and exclude expenditures which may be required for fallout protection.

---

#### OREGON STATE BOARD OF HIGHER EDUCATION

**SUMMARY LISTING OF SELF-LIQUIDATING PROJECTS PROPOSED FOR CONSTRUCTION**

March 1, 1967, through February 28, 1969

(Arranged in order of institutional priorities; subject to modification as enrollment data become known and financing becomes available)

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Construction Start</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EASTERN OREGON COLLEGE:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory for 100 women students</td>
<td>Mar. 1968</td>
<td>$425,000</td>
</tr>
<tr>
<td>2. Dormitory for 135 men students</td>
<td>Mar. 1968</td>
<td>540,000</td>
</tr>
<tr>
<td><strong>Totals - Eastern Oregon College</strong></td>
<td></td>
<td>$965,000</td>
</tr>
<tr>
<td><strong>OREGON COLLEGE OF EDUCATION:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory for 100 students</td>
<td>Sept. 1967</td>
<td>$445,000</td>
</tr>
<tr>
<td><strong>OREGON STATE UNIVERSITY:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 13 for 375, and Cafeteria</td>
<td>Apr. 1967</td>
<td>$2,150,000</td>
</tr>
<tr>
<td>2. Dormitory No. 14 for 375</td>
<td>Apr. 1968</td>
<td>1,440,000</td>
</tr>
<tr>
<td>3. Dormitory No. 15 for 375</td>
<td>Feb. 1969</td>
<td>1,440,000</td>
</tr>
<tr>
<td><strong>Totals - Oregon State University</strong></td>
<td></td>
<td>$5,030,000</td>
</tr>
<tr>
<td><strong>SOUTHERN OREGON COLLEGE:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Cascade Hall, Unit G, for 94 students</td>
<td>July 1968</td>
<td>440,000</td>
</tr>
<tr>
<td>2. Britt Student Center Addition</td>
<td>July 1968</td>
<td>400,000</td>
</tr>
<tr>
<td><strong>Totals - Southern Oregon College</strong></td>
<td></td>
<td>$840,000</td>
</tr>
<tr>
<td><strong>UNIVERSITY OF OREGON:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dormitory No. 15 for 386 students</td>
<td>Mar. 1968</td>
<td>$1,760,000</td>
</tr>
<tr>
<td>2. Dormitory No. 16 for 300 students, including land for Dormitory Nos. 16 and 17</td>
<td>Feb. 1969</td>
<td>1,570,000</td>
</tr>
<tr>
<td><strong>Totals - University of Oregon</strong></td>
<td></td>
<td>$3,330,000</td>
</tr>
<tr>
<td><strong>UNIVERSITY OF OREGON MEDICAL SCHOOL</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PORTLAND STATE COLLEGE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OREGON TECHNICAL INSTITUTE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS - MARCH 1, 1967, THROUGH FEBRUARY 28, 1969</strong></td>
<td></td>
<td>$10,610,000</td>
</tr>
</tbody>
</table>

**Note:** Construction cost estimates are based on 106% of the June 1962 price level and exclude expenditures which may be required for fallout protection.
"The Chancellor recommends that the program of construction of self-liquidating projects, including land, for the 1965-1967 and 1967-1969 biennia be transmitted to the Governor's office as part of the six-year capital construction program for the State System of Higher Education. The requirements for 1965-1967 are estimated at $34,335,000, and those for 1967-1969 at $23,160,000.

"The Committee endorses the recommendation."

The Board adopted the report as presented.

Mr. Forrester continued:

"In accordance with a directive from the Governor's office to the effect that the estimated incremental costs for fallout protection are to be reported for all new state building projects proposed for construction during 1963-1965, the Board's Office requested this information from architects who have been commissioned to design projects for the various institutions of the State System.

"Because of difficulties in defining the protection factors required for minimum safety and because of the incomplete status of planning various new buildings and building additions, the architects have suggested that their cost estimates for providing fallout protection be considered as tentative only, subject to revision as more precise determinations are possible. Furthermore, it has not been possible to obtain the information for all projects included in the 1963-1965 capital construction program of the Board since architects have not been commissioned to design several projects. For those educational and general building projects for which data have been obtained, the estimated incremental costs would be $1,594,300 compared with direct construction costs of $24,446,840 and total project costs of $31,515,000.

"Information concerning the possible additional cost of providing fallout protection within self-liquidating building projects, such as dormitories and married student apartments, is extremely limited because architects have been commissioned to design only a few of the projects proposed for construction during 1963-1965. It is assumed that if such buildings are to provide fallout shelters, the incremental costs thereof will need to be financed from state tax funds.

"The Chancellor recommends that the cost information on fallout shelters be transmitted to the Governor's office through the Department of Finance and Administration, as requested.

"The Committee endorses the recommendation."

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

"The Medical Science Building on the University of Oregon Medical School campus was constructed over thirty years ago. During the years, alterations have been made in most of the building, but the area occupied by the Anatomy and Nursing Departments has not been rehabilitated except to a limited extent. It is necessary to construct new office, laboratory, demonstration and seminar space on the second floor in the area formerly occupied by the gross anatomy laboratory and also in the space now occupied by personnel who will move to the new research building this fall. The total area of the space proposed to be remodeled for the Anatomy Department is approximately 4,500 square feet and the institutional estimated cost thereof is $125,000. The amount of $65,000 is available to the Medical School at the present time from building use allowances related to research and instructional contracts and grants, and there is, in addition, $15,000 already appropriated by the Board for alterations in the quarters of the Nursing Department.

"It is proposed to secure preliminary plans for the entire project, followed by the preparation of final plans, specifications, and construction for that portion which can be accomplished within a budget of $80,000, the amount currently available.

"Dean Baird, with the concurrence of the Chancellor, recommends that authorization be given to appoint the firm of Barnes and Hilgers of Portland as architects for the entire project. The fee for their services is to be 8.0 per cent covering all architectural and engineering services, of which 2.0 per cent is to cover the cost of the preparation of a preliminary scheme and preliminary plans. Funds required for the planning are to be provided from building use allowances related to research and instructional contracts and grants and from the appropriation already made by the Board.

"The Committee endorses the recommendations."

The Board adopted the report and authorized the recommendations presented.

Mr. Forrester continued:

"The University of Oregon is located within the boundaries of a city having a population in excess of 50,000. For many years relatively inexpensive land to the east and north of the campus boundaries could be secured to meet the gradual needs of the institution which was increasing in size at a moderate rate. During the past ten years, this situation has changed. Enrolment has increased sharply and is anticipated to reach an estimated FTE of 16,550 by 1972. The number of students for whom dormitory facilities must be provided has increased out of proportion to the total enrolment, and this situation is expected to continue at a more rapid rate in the future. Unused land within the boundaries of the campus has decreased substantially due to the need for sites on which to construct buildings to house teaching and research facilities as well as living accommodations."
"On the other hand, the city has grown at a very rapid rate with the result that land outside and adjacent to the campus boundaries, formerly available at reasonable cost, is on the verge of being rezoned and is becoming available at rapidly increasing prices. In addition, Thirteenth Avenue which runs east and west and several streets which run north and south cut through the campus causing confusion and endangering life.

"For several years, University officials have been studying the situation and have been collecting data in an effort to decide what should be done in the way of extending the campus boundaries in order to assure the availability of a limited amount of additional land at a reasonable price to meet the future needs of the institution. They have also studied the problem involved in the free traffic flow through the campus and have conferred with city officials in regard to the matter.

"At the January 1962 meeting, the Board authorized the appointment of Mr. Lawrence Lackey as Planning Consultant for the University of Oregon with the understanding that he and his associates would work with University and city officials, examine the data which had been collected and prepare a recommendation in regard to the future development of the campus for consideration by the President, the Chancellor, and ultimately by the State Board of Higher Education.

"President Flemming has filed with the Board's Office a copy of Mr. Lackey's final report. The report is entitled, "University of Oregon Campus Plan Studies, Progress Report Number 3, July 1962". The report is a comprehensive document covering 31 pages. Part I indicates the status during the fall term of 1961, covering land use, building occupancy, development criteria, and the location of student living accommodations. Part II projects the needs of the University of Oregon at the 16,550 FTE level of enrollment. Part III includes schematic studies indicating the proposed development of the campus to accommodate an enrollment of 16,550 FTE. Included in the appendices are several tables indicating the detailed data which was used as the basis for the projections.

"Mr. Lackey intends to be present at the July 23 meeting of the Building Committee and will present a number of large charts, together with copies of the report to members of the Committee. He intends also to discuss in detail the proposals contained in the report and the data on which these proposals were based. Some of the essential features of the report are as follows:

1. The area within which the University operates should be a closed campus to the extent possible. Arrangements should be made eventually to close most of the streets and avenues intersecting the campus. In order to accomplish this arrangement, Thirteenth Avenue should be turned to the north at a point between Hilyard and Alder Streets to join with Eleventh Avenue in order to route east-west traffic around the campus on the north. Eighteenth Avenue should be extended from Agate Street to Villard Street in order to route east-west traffic around the campus on the south.
2. The present western boundary of the campus should remain essentially as it is at the present time because of the prohibitive cost of improved property to the west of the boundary and the present use of the area. At least 1,500 students currently reside in this area.

3. The south boundary of the campus should be Eighteenth Avenue from Alder to Villard. In order to accomplish this arrangement, the property between Agate and Villard Streets on the south should be acquired to a point about midway between Eighteenth and Nineteenth Avenues, together with the southwest corner property located at Eighteenth and Agate, in order to permit the extension of Eighteenth Avenue without disturbing the Condor School. In addition, the property now occupied by the Odd Fellows Cemetery should become a part of the campus.

4. The eastern boundary of the campus should be extended to Villard Street from a point midway between Eighteenth and Nineteenth Avenues to Thirteenth Avenue. This area is needed primarily as sites for additional dormitories.

5. The north boundary of the campus should be extended to the Willamette River and should be bounded by Kincaid Street extended on the west and Villard Street extended on the east, excluding certain commercially developed property on the north side of Franklin Boulevard, bounded by Agate Street extended on the west, the Millrace on the north, and Villard Street extended on the east.

6. The western portion of the total campus as projected should be used for the most part for the construction of academic and research facilities while the eastern portion of the projected campus should be used for the construction of student living accommodations. This arrangement agrees with the report of Wilmsen, Endicott & Unthank, previously presented to the Board. In order to accomplish this arrangement, Gerlinger, Campbell and Hendricks Halls should be used for academic activities. The students housed in Hendricks and Campbell Halls eventually should be transferred to the new dormitories constructed in the housing area and a new women's physical education building should be constructed in the area now assigned to health, physical education, recreation and ROTC activities. The stadium structure should be moved to the north of the Willamette River in order to provide adequate areas for these facilities.

7. Interspersed throughout the campus are parking areas, some of which are multistory to provide the equivalent of 27 acres of parking space.
8. The total campus area that should be acquired eventually to meet the need of the institution should be approximately 825 acres, based on standards adopted by the University of California for their new campuses. Of this total, approximately 317 acres is included within the immediate proposed campus boundaries. The balance of the campus area, amounting to approximately 500 acres should be acquired in areas other than the immediate campus. A portion of these additional areas already have been acquired, for example, the approximately 90 acres north of the Willamette River for a stadium site and 20 acres for the Westmoreland Married Student Housing Project. The additional acreage beyond this point is needed for student recreation purposes, additional research areas, and a general reserve for unanticipated future development.

"President Flemming has indicated to the Board's Office that the presentation of the report is to be considered by the Board in no way as a recommendation from the University of Oregon at the present time except for certain specific areas of expansion. The purpose of the presentation is to give the Board an opportunity to become familiar with the problems facing the University of Oregon and a possible solution to those problems. The University plans to continue the long-range study and will, from time to time, bring in special reports to the Board calling for changes in the campus area as the studies indicate.

"The specific areas that President Flemming has indicated for immediate inclusion within the campus boundaries are as follows:

1. In the southeast section of the campus the expansion should include the area bounded as follows: On the north by Fourteenth Avenue; on the east by Villard Street; on the south by a line midway between Eighteenth and Nineteenth Avenues from Agate to Villard; plus the inclusion of a small area located at the southwest corner of Eighteenth Avenue and Agate. The expansion adds approximately 25.58 acres.

2. In the north section of the campus the expansion should include two parcels of land totaling about 16 acres located between the Millrace and the Southern Pacific Railroad tracks and east of the physical plant area.

"President Flemming has indicated also that funds for the purchase of the area in the southeast section of the campus, in the amount of approximately $2,236,000, should be provided in accordance with Board policy from dormitory earnings, student fees, and bond borrowings, since this area is to be used primarily for the construction of dormitories. If any academic buildings should be erected in this area, the State should reimburse the financing fund for the market value at that time of the land needed. The two properties north of the Millrace, estimated to have a value of
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about $113,750, are to be used one-half for dormitory purposes and about one-half for other purposes. In recognition of these estimated amounts, it is intended that this area, which is unimproved or relatively little improved, should be financed from the Board's General Funds in the amount of about $57,000, with the remainder to be provided from dormitory balances, student fees and bond borrowings.

"President Flemming, with the concurrence of the Chancellor, recommends:

1. That the report of Mr. Lackey dealing with the possible further expansion of the University campus be received and placed on file in the Board's Office; and

2. That the Board modify the present campus boundaries of the University of Oregon to include the areas in the southeast section and in the north section of the campus as proposed by President Flemming.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendations presented.

Mr. Forrester continued:

Preliminary Scheme for the Development of Portland State College

"At the October 1956 meeting, the Board established the boundaries of Portland State College to include the seven-block area between the Park blocks and Broadway from Southwest Market to Southwest Clifton Streets. At the September 1960 meeting, the Board was advised of two factors that made it necessary to restudy and modify the existing plan. One factor was the expansion of academic courses at the College to include departmental majors, professional curricula, and possibly limited graduate work, which necessitated the construction of specialized classrooms and laboratories instead of construction of multipurpose classrooms and laboratories. The other factor was the unavailability within the near future of the three southern blocks of the established boundaries of the College as originally planned because of the contemplated construction of the Foothills Freeway and the continued use of the Shattuck School. In view of these facts, the Board at the September 1960 meeting authorized the appointment of Architects Skidmore, Owings & Merrill to propose a new long-term plan for the future expansion of Portland State College, chiefly west of the Park blocks.

"At the July 1961 meeting, officials of Portland State College stated that the architects had assembled all the basic projections and data required for the long-range plan and that it was necessary at this time to define more exactly the fundamental assumptions which were to be followed in order to develop the plan in detail.
These fundamental assumptions are included in detail in the July 1961 minutes of the Board. Included in these assumptions were the following: Enrolment estimates, continued use of the facilities by both the General Extension Division and the Portland Extension Center, building sites to be located west of the Park blocks but not to be contiguous, automotive parking to be provided pursuant to the City of Portland Building Code, no provision for dormitories or student apartments; additions to present buildings between Broadway and the Park blocks to be increased to a five-story level in the three northerly blocks, with the possibility of three additional stories, and a tower which might be added at a later date; buildings to be erected west of the Park blocks to be approximately five stories in height.

"Portland State College officials and the architects have presented to the Board's Office a "Master Plan Development" and model for the future expansion of the College. According to the plan, the physical plant building and future parking structures are to be located east of Broadway, and the area west of the Park blocks bounded by Market Street on the north and the proposed Foothills Freeway on the south and west is to be used primarily for academic buildings. The proposed plan designates specific site areas for the location of various academic facilities such as for science, physical education, library, etc., and these areas permit lateral and vertical expansion to accommodate the future growth in enrolment in the College. The plan is so developed that any enrolment ceiling from 8,000 to 20,000 students could be established and all of the buildings constructed up to the time that the ceiling was determined would be located satisfactorily from an institutional standpoint and the whole development would be an integrated facility.

"While the plan is based primarily on the assumption that the curriculum will remain essentially as it is at the present time, the areas on which buildings are to be constructed are so located that an extension of curricular commitments including graduate or other undergraduate programs could be incorporated in these areas, although the expansion of graduate work would probably result in a reduction in the total number of students that could be accommodated in the specified area. In developing the preliminary plan, officials of the College and the architects took into consideration the location of expensive properties in the area. In making feasibility estimates at any enrolment increment, the architects considered area and utilization standards of the Board, the University of Illinois Undergraduate Division, the University of California, and others. The master plan recognizes the City of Portland Building Code which requires, for future construction of classroom and laboratory buildings, that one automotive parking spot be provided for each ten additional student stations. Portland State College officials express the belief that it is likely that this proposed minimum level of providing for automotive parking will undoubtedly prove to be inadequate.
"President Millar, with the concurrence of the Chancellor, recommends that:

1. The Board accept in principle the proposed master plan for the development of Portland State College, with the understanding that the curricular program of the College now being developed is expected to be presented within the near future and at that time the proposed master plan will be reviewed and referred to the Board for modification and adoption; and

2. The location of sites for buildings will be recommended and determined by the Board from time to time as planning for specific buildings is to be undertaken. Sites for the buildings are to be compatible with the concepts of the proposed master plan, and due regard is to be given to the foregoing estimates of enrollment at the institution and to the changing curricular and other commitments.

"The Committee endorses Item 2 above but recommends that Item 1 be modified as follows:

1. Without making any curricular decisions at this time, the Board accepts the plan that Portland State College will expand in the area indicated by the Skidmore, Owings & Merrill master plan study."

The Board adopted the report as presented.

Mr. Forrester continued:

Appointment of Architect for Library Second Unit, PSC

"In meeting the need for additional library facilities at Portland State College, it was planned originally to recommend to the 1963 Legislature the appropriation of sufficient funds to construct an addition to the present building. The Board authorized the employment of an architectural firm to develop a preliminary scheme and preliminary plans for this addition, but before the contract with the architect was consummated, Portland State College officials concluded that there was not sufficient area in the space available to construct a building of sufficient size to meet the needs of both the College Center and the Library for the period desired. Consequently, officials of the College brought to the attention of the Board at the June 1962 meeting the need to reconsider the situation.

"It was pointed out that approximately 28,000 square feet of additional library space was needed to meet the demands of the institution up to 1970-71 and that it seemed desirable therefore to provide this additional area at another site where further expansion to meet the needs beyond 1970-71 could be met. This program would make it necessary for the College to operate the library in two separate locations but if funds were made available for an addition at the new location, a substantial portion of the cost for the addition might be financed from the sale of the existing library building to the College for student union purposes. The Board postponed action on this matter until the over-all plan for the plant development of the College had been presented for consideration."
"President Millar, with the concurrence of the Chancellor, recommends that in the light of the proposed plant development, the addition to the library facilities be placed west of the Park blocks.

"President Millar, with the concurrence of the Chancellor, also recommends that the architectural firm of Skidmore, Owings & Merrill be appointed as architects for the project. The fee for architectural services is to be 5.5 per cent, including 1.25 per cent for preliminary scheme and preliminary plans.

"Based upon the current price level, it is estimated that the project cost will be $2,738,000, of which $1,760,000 represents the direct construction costs for the new building and $116,000 represents the cost of air conditioning and alterations within the existing building. In order to cover the cost of the additional architectural services required for the preparation of the preliminary scheme and preliminary plans, it is recommended also that the Comptroller be authorized to seek additional federal funds in the amount of $16,500 to supplement the advance planning funds of $8,000 received initially for this purpose from the Housing and Home Finance Agency.

"President Millar, with the concurrence of the Chancellor, recommends that the proposed additional library facilities be located west of the Park blocks, that authorization be given to the appropriate Board officials to contract with the architectural firm of Skidmore, Owings & Merrill at a fee of 5.5 per cent, and that the Comptroller be authorized to amend the application for advance planning funds in order to seek an additional $16,500 from the Housing and Home Finance Agency for preliminary architectural planning.

"The Committee endorses the recommendations."

The Board adopted the report and authorized the recommendations presented.

Mr. Forrester continued:

Appointment of Architect for Physical Plant Service Building, PSC

"Included in the capital outlay program for the 1963-1965 biennium is a proposed Physical Plant Service Building at Portland State College. The structure is to contain about 20,000 square feet and is to be located adjacent to a former store building owned by the institution. This building is used at present as a carpenter shop, and as a receiving, warehouse and distribution point for equipment and supplies for the entire institution. It is estimated that the total cost of the project, including land, will approximate $405,000.

"President Millar, with the concurrence of the Chancellor, recommends that authorization be given to appoint the architectural firm of Witt and Englund of Portland to design the project and that appropriate Board officials be authorized to direct the architects to prepare a preliminary scheme for the building. The fee for
for architectural services is to be 5.5 per cent, including 1.0 per cent for preparation of preliminary scheme and preliminary plans. Funds in the amount of $2,200 for preliminary planning are to be provided from the Board's Unrestricted Funds.

"The Committee endorses the recommendations."

The Board adopted the report and authorized the recommendations presented.

Mr. Forrester continued:

"Included in the campus boundaries of Southern Oregon College is a plot of ground on which there is located the old Ashland Hospital, no longer being operated as such. The land has a frontage of about 361 feet on Siskiyou Boulevard, measures about 174 feet on the east side, 300 feet on the south, and 374 feet on the west side, and has a total area of approximately 1.89 acres.

"This property is needed for the future development of the College. About a year ago, the Board tentatively reserved funds for the purchase of this property. Appraisals on the property are $50,000, $60,000, and $37,500, for an average of $49,166.66. An option has been secured for $45,000, recognizing that about $5,000 would need to be expended to clear the site. The option advises that there is a flaw in the title and that if it cannot be cleared within 60 days, the City of Ashland may rescind the option. President Stevenson indicates, however, that the City Attorney has stated that a Suit in Equity is being entered and feels reasonably certain that within a month it will be possible to transfer a clear title to the State of Oregon.

"President Stevenson, with the concurrence of the Chancellor, recommends that authorization be given to buy the former Ashland Hospital property at the option price of $45,000, with funds to be provided from the Board's Land Purchase Reserve (Chapter 611, Oregon Laws 1961), subject to the appropriate release of funds by the State Emergency Board.

"The Committee recommends that the property be purchased at the option price."

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

Mr. Forrester continued:

"President Millar, with the concurrence of the Chancellor, recommends the purchase of the Marston property located at 1632 Southwest Twelfth Avenue, Portland, for use as part of the site for the Portland State College Science Building. The property consists of a parcel of land 100 by 100 feet on which is located a two-story clinic building, plus an additional parcel of land 40 by 100 feet.
"Three appraisals were received on the property: $92,000, $89,000 and $80,000, for an average of $87,000. An option for $91,500 has been obtained.

"Funds for the purchase are to be provided from the 1961 Science Building appropriation.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the purchase as recommended.

Mr. Forrester continued:

"The Stuart property located at 915 East Eighteenth Avenue, Eugene, consists of a lot with a frontage of approximately 104.34 feet, and depth of 182 feet. On the easterly portion is located a good house and a separate double garage with an apartment above. The lot extends beyond the rear of the garage for about 71 feet. At the January 1962 meeting, the Board authorized condemnation procedures to acquire the westerly half of the lot because a substantial investment was about to be made in the construction of an apartment building thereon. In the meantime, effort was made to arrive at a mutually agreeable settlement without resorting to court action.

"The owner has now advised that a contract has been signed for the construction of an apartment house on the westerly portion of the lot. President Flemming, with the concurrence of the Chancellor, now recommends that a supplementary condemnation action be granted to acquire more of the land than originally contemplated, with the passage of the following resolution:

**RESOLUTION**

WHEREAS, on the 23rd day of January, 1962, the State Board of Higher Education, in regular meeting assembled resolved that the State Board of Higher Education finds and declares 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 and grounds for the expansion and development of the University of Oregon:

Beginning 52.02 feet west of the northeast corner of the
south 1/2 of Lot M in the amended Plat of University Addition
to the City of Eugene, Lane County, Oregon, as surveyed,
platted and recorded; running thence South 182 feet; thence
West 52.02 feet; thence North 182 feet; thence East 52.02 feet
to the place of beginning, being now and in a part of Eugene.
And WHEREAS, the State Board of Higher Education on such date found and declared as a result of its investigation that the acquisition of the fee simple title to the real property free and clear of all interests of every kind and nature is necessary to carry out the proposed building and grounds program of the University of Oregon for its expansion and development to meet the public need; and

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

WHEREAS, on or about the 20th day of July, 1962, a condemnation action was commenced in the Circuit Court of Lane County wherein H. W. Stuart and Edrie M. Stuart, husband and wife, are defendants, the State Board of Higher Education seeking in such action to take by eminent domain the real property hereinabove described; and

WHEREAS, it has become apparent since the initiation of said condemnation proceedings that the State of Oregon acting by and through the State Board of Higher Education, finds it necessary that the State of Oregon acquire title to a parcel of real property larger and different in description than the real property described in the Resolution of the State Board of Higher Education dated January 23, 1962, for the public purpose of establishing and maintaining thereon public buildings and grounds for the expansion and development of the University of Oregon; and

WHEREAS, it is necessary to amend the complaint in the above mentioned condemnation proceeding in which the State of Oregon, acting by and through the State Board of Higher Education, is the plaintiff and H. W. Stuart and Edrie M. Stuart, husband and wife, are the defendants;

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 and grounds for the expansion and development of the University of Oregon:

   Beginning at the Northeast corner of the South 1/2 of Lot M in the amended plat of UNIVERSITY ADDITION to the City of Eugene, Lane County, Oregon, as surveyed, platted and recorded; running thence south 182.0 feet; thence West 104.04 feet; thence North 182.0 feet and thence East 104.04 feet to the place of beginning, being now in and a part of the City of Eugene, in Lane County, Oregon
2. That the State Board of Higher Education does hereby find and declare as a result of its investigation that the acquisition of the fee simple title to said real property, free and clear of all interests of every kind and nature is necessary to carry out the proposed buildings and grounds program of the University of Oregon for its expansion and development to meet the public need.

3. That the Attorney General of the State of Oregon be and is hereby requested and authorized to amend the complaint in condemnation above referred to reflecting the modified description of real property and to prosecute such action to final determination.

"The Committee concurs in the recommendation including the approval of a condemnation resolution which requires a roll call vote."

On motion by Director Forrester and second by Director Hart, the above report was accepted and the resolution adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKean, Merrifield and Walsh.

Those voting no: None.

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

Mr. Forrester continued:

"Over a period of years, the demands upon the electrical system in Agriculture Hall at Oregon State University have been increasing to such an extent that an emergency condition now exists. The inadequate power and wiring provisions not only severely limit the usefulness of the laboratories for research but also constitute a fire hazard. The State Deputy Fire Marshal has requested that steps be taken promptly to remedy the situation. It has been necessary to refuse permission to use any apparatus requiring additional electrical load in order to avoid power outages, voltage fluctuations, and many blown fuses. Doors to all electrical panels have had to be kept open to reduce overheating. The switchgear is overloaded and could burn out and shut down electrical services to the building for a prolonged period.

"President Jensc, with the concurrence of the Chancellor, recommends that new transformers, primary underground service to Agriculture Hall from the utility tunnel, necessary switchgear, and wiring to new panels on each floor be installed immediately. Funds required therefore, in the amount of $35,000, are to be provided from the Board's reserve for land purchases and plant rehabilitation (Chapter 611, Oregon Laws 1961), subject to the appropriate release of funds by the State Emergency Board."
"The Committee concurs in the recommendation except to provide funds from the Board's Reserve for land purchases, plant rehabilitation projects and minor capital outlay projects, appropriated by Oregon Laws 1961, Chapter '531."

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

Mr. Forrester continued:

"The Pacific Northwest Bell telephone company desires to petition the City Council of the City of Portland requesting the vacation of S. W. Bernard Drive between the northerly extension of the east line of Lot 3, Block 12, Slavin's Addition and the north line of Slavin's Addition. The purpose of the vacation is to provide a suitable site for the telephone company to erect a radio transmitting and receiving tower.

"Dean Sherburne and his staff have examined the proposed vacation and state that it will neither cause difficulty in having access to property owned by the State Board of Higher Education nor will there be any electrical interference with our radio and television operations. If the petition is granted, that portion of S. W. Bernard Drive which lies within Lot 4 in Block 12 and Block 13 of our property will be vacated. Since the General Extension Division has access to our property via S. W. Council Crest Drive and via that portion of S. W. Bernard Drive lying south of Lot 1, Block 12, which is not being vacated, and via S. W. Carl Place, the vacation will not create a disadvantage.

"Dean Sherburne, with the concurrence of the Chancellor, recommends that the Board of Higher Education support the petition as requested and that authorization be given to the appropriate Board officials to sign the necessary documents.

"The Committee concurs in the recommendation."

The Board adopted the report and authorized the recommendations presented.

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

"On June 12, 1962, the Board authorized the employment of Architects Kruse and Fitch of Coos Bay to design new laboratory and housing facilities for the Institute of Marine Biology at Charleston. It was estimated that the direct construction costs of the laboratory building, for which funds are being requested from the 1963 Legislature would be $143,750 for a gross area of approximately 11,500 square feet."
"University of Oregon officials have indicated subsequently that it may be possible to secure federal grant funds to supplement the state funds being requested, thus making it possible to increase the scope of the project to include several additional research laboratories and related service areas. Based upon the current price level, the estimated direct construction costs of the educational and research unit, as revised, would be $449,530. The gross area of the building would be about 23,740 square feet.

"With the concurrence of the Chancellor, President Fleming recommends that the appropriate Board officials be authorized to instruct the architects to prepare a preliminary scheme and preliminary plans for the instructional and research laboratory building for the Institute of Marine Biology, which will contain a gross area of approximately 23,740 square feet. Funds required for the planning will be provided from the $3,600 advance approved by the Housing and Home Finance Agency, supplemented by $2,400 of restricted fund balances available to the University of Oregon from gifts and grants for research.

"The Committee concurs in the recommendation."

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

In considering specific plans presented in the Building Committee report, the Board discussed general policies with reference to air conditioning, presentation of plans, and use of Oregon products in the construction of campus buildings.

The Board discussed at length the desirability of including air conditioning, or other temperature control facilities, in specific buildings in advance of establishing a general policy. It was the consensus that libraries and perhaps other specialized buildings should be air conditioned. However, in view of the Chancellor's assurance that a study on the need for air conditioning could be made by his office in ample time to file a supplementary budgetary request for consideration by the 1963 Legislature, the Board deferred its decision and instructed the Chancellor's office to prepare such a report. The study, expected to be presented at the September meeting, is to incorporate estimates by architects on additional costs required for installing air conditioning and/or duct work, and the reaction of institutional executives as to which, if any, of their proposed buildings should be air conditioned. Factors to be taken into consideration included increased use of buildings on a year-around basis. A general Board policy will be established on the basis of the findings of the Chancellor's office.
Policy re Presentation of Building Plans

At the suggestion of Mr. Hart, the Board agreed that detailed plans for buildings should be presented only once, at which time the architect would describe the plans by means of brochures and other illustrative material. Generally, these would be preliminary plans with cost estimates and a proposed budget. In some instances it may be necessary to present a general preliminary scheme in advance of the preliminary plans to clarify specific questions, such as site location, before the architect can be authorized to proceed with preliminary plans. Only in the event of major changes in the preliminary plans should the plans be brought back for reconsideration. Minor changes and supplementary budgetary data are to be incorporated in the regular printed docket.

Use of Oregon Products in State System Buildings

Following the presentation by the West Coast Lumbermen's Association at the June meeting of the Board, the Board's Office received a number of letters and telephone calls from producers of other Oregon building materials. As a result, the Chancellor indicated that he had prepared the following statement for consideration by the Board:

"The State Board of Higher Education acknowledges with appreciation the June 11 presentation by representatives of the lumber industry and subsequent letters and telephone calls from representatives of other industries pointing out the merits of other building materials produced in Oregon.

"The Board recognizes its obligation to utilize materials and services which contribute to Oregon's economic growth. It is cognizant of the significant contribution which the building materials industries make to this growth.

"Architects employed by the Board have been and will continue to be requested to give preference to Oregon products, giving proper consideration to factors of safety, economy, durability, aesthetics, and cost of maintenance."

The Board adopted the statement of principle as presented and instructed the Secretary to send copies to all of the companies or individuals filing letters as reported under communications.

FINANCE COMMITTEE REPORT

Revised Medical Fee Schedule, UOMS

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

"The Board's Administrative Code provides that changes in the schedule of charges for hospital care for medical and surgical services be presented to the Finance Committee of the Board for approval. The present schedules of charges have been in effect since July 1, 1961, and the hospital schedule needs revision to reflect the increase in the cost of hospital operation which has been taking place during the interim."
"Dean Baird recommends a new schedule of charges for hospital care based upon the estimated expense of the hospital for the coming year, and recommends, with the concurrence of the Chancellor, that the revised schedule of fees be approved. The proposed new schedule is listed below together with a comparison of the present schedule. These changes are applied to services for all patients except those in the premature nursery, for which the charge for hospitalization is $13 per day.

**PROPOSED CHARGES FOR HOSPITAL CARE**
**UNIVERSITY OF OREGON MEDICAL SCHOOL**
**EFFECTIVE AUGUST 1, 1962**

<table>
<thead>
<tr>
<th>Charges for</th>
<th>Present Schedule</th>
<th>Proposed Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st day</td>
<td>$39</td>
<td>$41</td>
</tr>
<tr>
<td>2nd day</td>
<td>39</td>
<td>41</td>
</tr>
<tr>
<td>3rd day</td>
<td>39</td>
<td>41</td>
</tr>
<tr>
<td>4th day</td>
<td>39</td>
<td>41</td>
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<td>5th day</td>
<td>37</td>
<td>39</td>
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<td>6th day</td>
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<tr>
<td>7th day</td>
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<td>8th day</td>
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<td>39</td>
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<td>9th day</td>
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<td>10th day</td>
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<td>13th day</td>
<td>30</td>
<td>31</td>
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<td>14th day</td>
<td>28</td>
<td>30</td>
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<tr>
<td>15th day</td>
<td>25</td>
<td>27</td>
</tr>
<tr>
<td>16th day</td>
<td>25</td>
<td>23</td>
</tr>
<tr>
<td>17th day, and each day thereafter</td>
<td>22</td>
<td>23</td>
</tr>
</tbody>
</table>

"The Committee concurs in the recommendation."

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

**PRESIDENT'S REPORT**

President Walsh announced that the next meeting of the Board is scheduled for September 10 and 11 in Salem and will include the annual joint meeting with the State Board of Education on Tuesday afternoon, September 11. He also noted the date and locations for the remaining meetings during 1962 as listed in the docket.

The Chancellor indicated that he would welcome suggestions regarding items to be included on the agenda for the joint meeting with the State Board of Education. Mr. Hart stated that he felt there should be a discussion of the coordination between the community college and the four-year college, particularly in regard to communities which include both two-year and degree-granting institutions.

**Insurance Committee**

Mr. Merrifield indicated that the Insurance Committee planned to make a report at the September meeting to cover: (1) Fire insurance in relationship to the restoration fund; and (2) Dr. Mark Greene's report on nonsalaried compensation in higher education.
Mr. Walsh presented the following list of 1962 Board meeting dates with suggested meeting places:

- January 21-22 - Portland State College
- March 11-12 - University of Oregon
- April 22-23 - Portland State College
- June 10-11 - Oregon State University
- July 22-23 - Portland State College
- September 9-10 - Oregon College of Education
- October 21-22 - To be determined at a later date
- December 9-10 - To be determined at a later date

The schedule was approved on a tentative basis, with the understanding that the meeting places may be changed if desirable.

President Walsh called attention to the Fortieth Annual Meeting of the Association of Governing Boards, to be held at the University of Michigan October 9 through 13, and invited any Board members who were able to attend to make arrangements through the Chancellor's Office.

President Walsh announced that commencement exercises would be held on August 10 at Eastern Oregon College and on August 11 at the University of Oregon, and said that Board representatives would be appointed for these two commencements at a later time.

The Secretary read excerpts as follows from letters filed by organizations and companies representing various Oregon building materials:

Portland Cement Association, Mr. Charles H. Knight, Jr.

"We have always advocated that decisions on selection of construction materials should be left in the capable hands of licensed professional architects and engineers retained to design the structure."

John A. Roebling's Sons Division, The Colorado Fuel and Iron Corporation, Mr. L. F. Stansbury

"We would like to point out, however, that cleverness and ingenuity are qualities which can bring success to any structure and certainly are not limited to any material or group of materials. I am referring specifically to another of your local industries, namely, the fabrication and erection of prestressed concrete. This material has only become widely used in recent years mostly because of the time that it took to apply the same cleverness and ingenuity to the manufacture of high quality materials and to develop specialized design techniques."

Cement Industry of Oregon, Mr. Richard G. Montgomery

"It is in the greatest public interest that the State Board of Higher Education continue to insure architect's freedom of design and ideas in the building of campus structures. In this manner, future construction will be more economically and more satisfactorily accomplished, as has been the case in the past."
Eugene Sand & Gravel, Inc., Mr. John W. Alltucker

"We would appreciate the opportunity to show you that ours is a basic, major Oregon industry. All of our materials are produced and processed here in Oregon.

"Concrete is versatile. It offers a wide variety of color and texture. Perhaps better than any other building material, it can be economically formed into irregular, useful shapes.

"It is safe. It won't burn, and it gets stronger as it gets older.

"It can be beautiful.

"It is durable. It doesn't rust, rot, or burn, and the bugs won't eat it.

"It is economical--initial cost is usually competitive with alternate types of construction, and maintenance and insurance costs are low."

Prestressed Concrete Institute, Mr. Norman L. Scott

"Prestressed concrete like lumber is an Oregon industry. There are now four PCI Active Member companies serving Oregon and about 80% of the money received from prestressed concrete products stays within the State."

The policy statement with reference to use of Oregon products in State System buildings is included in the minutes as the last item in the Building Committee report.

CHANCELLOR'S REPORT

Preliminary Survey of Possible Use of Tongue Point Naval Installation

Since the Tongue Point Naval installation was abandoned for military purposes and made available at a very small cost to the State, there has been considerable discussion both in the press and by civic and other groups urging the Board of Higher Education to use the installation for various purposes. In the statement below, the Chancellor summarized these discussions and the follow-up actions taken by the Board's Office and presented his recommendation for continued study of possible uses of the Tongue Point facilities by higher education:

"Citizen groups at Astoria, speaking through newspapers and through their own representatives, have questioned the wisdom of Oregon State University's decision to construct an oceanography facility at Yaquina Bay rather than at Tongue Point near Astoria. Editorial comment, even outside Clatsop County, has emphasized that an extensive physical plant already exists at Tongue Point, including dock space, office buildings, housing and other facilities, and that these could be made available at almost no cost to the State Board of Higher Education."
"On Friday, July 6, Mr. Bork, President Jensen, two Oregon State University staff members, and I visited the Tongue Point installation and talked with legislators and other public officials in Clatsop County. We concluded that, although the scientific needs of the proposed oceanography installation cannot be met at Tongue Point, the fact remains that many of the facilities there are of a permanent nature and could be utilized for educational purposes if they were located on one of our existing campuses.

"Following a discussion with legislators and other public officials in Clatsop County, it was agreed that we would recommend delay in submission of the request for federal funds to the Area Development Administration until after a hearing of the Interim Committee on Small Business in Gearhart on Saturday, July 14. We indicated, however, that the scientific facts appeared to dictate the choice of Newport and Yaquina Bay as the site for the oceanography facility, and we expressed the hope that, nonetheless, some appropriate use could be made of the excellent facilities located at Tongue Point. After the hearing of the Interim Committee on Small Business on July 14, we approved the application for federal funds and forwarded it to the Planning and Development Agency with the recommendation that it be submitted to the Area Development Administration.

"During the visit to Tongue Point on July 6 we were impressed by the size and quality of the naval installation. The cursory inspection possible at that time did not, of course, permit us to evaluate the facilities in terms of some eventual higher educational use. In order to make an adequate evaluation, it would be necessary to have a detailed inventory of the facilities, an analysis of their condition, a review of available utilities, and estimated maintenance costs for operation of all or a part of the installation. These data, if assembled, should provide a basis for judging whether this facility should be considered by the State System of Higher Education for any of its activities, even though any estimate of conversion costs would need to be made in terms of a specific proposed use.

"I recommend that Board officials be authorized to prepare and submit a request to the Emergency Board for funds to employ qualified persons for the purpose of assembling the data listed above, keeping in mind that some of the data may already be available upon request. This report should be made available no later than December 1 so that an evaluation may be made prior to the opening of the 1963 session of the Legislature."

In the discussion that followed, Board members asked about the use of the Tongue Point facilities for a community college or the expansion of the Agricultural Experiment Station Sea Foods Laboratory now located at Astoria. It was indicated that at present it appeared there were more appropriate solutions to these two problems. In answer to questions from the Board, the Chancellor stated that his office did not as yet have the studies on Tongue Point made by other groups, but would procure and make use of those available so that there would be a
minimum of duplication of effort. To date, the Governor has not indicated specifically what use he felt the Board should make of the Tongue Point facilities. Other factors, including possible political implications, were discussed. It was the consensus that the Board had an obligation to make a careful survey either on the basis of its own studies or on reports prepared by other agencies.

The Board therefore voted to adopt the Chancellor's report, including the recommendation for authorization to submit a request to the Emergency Board for funds to effect the survey outlined. Mr. Merrifield asked to be recorded as voting against adopting the report. It was the understanding that if Governor Hatfield requested a general survey to determine all possible uses of the Tongue Point Naval installation by State agencies, the Board would not make a separate study.

The Chancellor reported that the institutional executives and the Board's Office had developed a "Proposed Statement of Guidelines" for consideration by the Board. Copies of the "Guidelines" were distributed for the review and consideration of the Board, with the indication that they would be submitted for formal approval at a later date, probably at the September meeting. The statement, as presented by the Chancellor, is as follows:

PROPOSED STATEMENT OF GUIDELINES

"The dynamism of the 1960's will result in social, economic, technological and cultural change at a rate faster than during any previous decade. The rate of change of the 1960's will be exceeded only by the rate of change during the decades to follow. The provision of educational opportunities which will prepare its citizens to cope with this dynamic society constitutes a major responsibility of the State of Oregon.

"At the elementary and high school and community college levels, this responsibility has been delegated to local boards of education under the general supervision of the State Board of Education. The State Board of Higher Education has been assigned the responsibility for administering the state-supported colleges and universities and Oregon Technical Institute.

"In carrying out this vital responsibility, the Board is mindful of society's increasing needs for highly skilled and educated manpower as well as for an enlightened citizenry. These needs are of such an order as to constitute an extensive obligation to provide for the young people of our state educational opportunities which are varied in nature, excellent in quality, and designed for the fulfillment of their own individual requirements and those of society in general.

"The Board is cognizant of the post-high school educational opportunities provided by business, industry, vocational schools, labor, etc.; and especially of opportunities provided by community colleges and privately-supported colleges and universities. Rather than to compete with these training and educational enterprises, the Board seeks to complement and cooperate with them."
"The Board endorses the principle and desires to promote public awareness of the fact that expenditures for higher education constitute an investment in human and material resources. It hereby records its vigorous endorsement of increasingly greater public investment in higher education with the conviction that this investment will produce a high dividend, both for the individual and for society.

"The State System of Higher Education, established by legislative act in 1929, began its coordinated functions in the early 1930's during a period of low enrolments and depressed economy. It was believed by the supporters of the proposed system that coordinated state-supported higher education, by strict allocation of function, thus avoiding duplication of course work, would produce increased efficiency and reduced costs.

"The act creating the Oregon State System of Higher Education has served the State well. Now, with three decades of growth behind it, with a period of fantastic growth ahead, and with educational challenges of a new order, it is important that the Board of Higher Education assess the strengths and weaknesses of its System and of the units within the System and establish revised guidelines for future growth and improvement. As a framework for this assessment, the following objectives are declared:

1. To provide higher educational opportunities for as many as can profit therefrom.

"A major obligation of the State of Oregon is to provide higher educational opportunities to Oregon's citizens. To this end, admission standards, tuition charges, and scholarships should be established which will permit a maximum number of Oregon's qualified high school graduates to attend college.

"It is also recognized by the Board that a substantial number of Oregon's able students seek educational opportunities outside the State of Oregon, and often fail to return to their home state. To avoid the impoverishment which might result from an outward flow of our talent without a compensating flow into Oregon, and to make a contribution to the achievement of the Nation's educational objectives, the Board is obliged to establish admission requirements and nonresident tuition charges which will permit especially able young men and women from other states to seek educational opportunities in Oregon, and, in many instances, enrich Oregon by remaining a part of our social, cultural, professional and economic life. The Board is further mindful (1) that the enrollment of foreign students and students from other states strengthens the several campuses, and (2) that reasonable nonresident charges in the several states add to the student fee income available to support high quality higher education."
2. To provide a general education for all who are admitted to the institutions within the State System of Higher Education so that they will acquire the knowledge, skills and wisdom for (1) personal development and enrichment, particularly through arts and letters; (2) responsible participation in a democratic society; (3) an understanding of the scientific methodology which has wrought a revolution in the ways of knowing and the extent and application of knowledge; and (4) an understanding of other cultures and natures as well as our own.

"When the Oregon State System of Higher Education was organized, a guiding principle was that common lower divisional programs should be available at all of the collegiate institutions for the purpose of providing this general education. The Board now believes that the increasing complexity of our civilization and the rapidly increasing rate of change make it imperative that the opportunity for this common educational experience be available throughout four years to undergraduates in all the collegiate institutions in the System.

3. To provide professional education at both the undergraduate and graduate levels in selected areas, depending upon the needs of society and, in selected institutions, depending upon their facilities and competencies.

'Although this document does not attempt to itemize the areas of professional education and the institutions where this education should be offered, in general it can be said that a review should be made periodically of these areas of education and training and of the institutional offerings to be certain that the System's obligations to the citizens of Oregon are being met adequately.

4. To provide opportunities for graduate study that will enable the State System of Higher Education to help meet the needs of the State and Nation for teachers in our schools, colleges and universities and for persons with graduate preparation in business, government and the professions.

"The graduate programs in the institutions under the control of the Board have necessarily been expanding with great rapidity during recent years. It is important that this expansion continue to be carefully planned and managed. In the view of the Board, it is especially desirable to attract to Oregon's graduate programs outstanding men and women from this nation and other nations. These men and women make significant contributions to the System's instructional program, they help to supply the needed teachers, and they provide personnel for business, government and the other professions, and help contribute to the promotion of international understanding and good will."
5. To make significant contributions to the advancement of knowledge through encouragement and development of scholarship and research.

"The resources of the Nation are being marshalled in support of scholarship and research. Creating the intellectual climate and providing the facilities and other conditions which will attract to the state outstanding people and extensive resources for research activity constitutes a challenge to the State Board of Higher Education and to the State of Oregon.

6. To maintain a favorable climate of inquiry and learning.

"Quality in higher education depends even more upon human talent than upon material resources. Talent is attracted not only by material resources, but especially by the "climate of inquiry and learning" which permeates a region. Oregon will continue to prosper both intellectually and economically to the extent that it continues to maintain its traditional climate of freedom of inquiry.

7. To make available to individuals and groups the results of research and other resources of the State System of Higher Education in the study and solution of problems affecting the well-being of the people of the State.

"The State System of Higher Education has an obligation imposed upon it to serve the citizens of the State by providing and maintaining libraries, museums, and other repositories of learning and by making available to them the research findings and providing for them services which will contribute to the growth and improvement of our social, cultural, professional and economic life.

8. To develop and maintain a comprehensive program of self study as a basis for planning the future development of higher education in Oregon.

"The Board is committed to the view that continuing and reasonably extensive self-study is essential to provide efficient and effective higher education and to utilize the human and material resources of the State System of Higher Education to the best advantage.

9. To provide the State with a program of continuing education, both formal, involving course credit and degrees, and informal, without credit.

"One of the major objectives of formal education is the stimulation of the ability and desire to continue to study and learn throughout life. In a world of rapid change, this requirement becomes increasingly pressing. If the objective is to be satisfied with any degree of success, it is imperative that opportunities for continuing education be made available to Oregon's citizens."
10. To coordinate the educational programs of the several institutions in the State System of Higher Education.

"This coordination should (1) provide adequate instructional programs for the State, (2) recognize regional needs, including general education, and make provision for them, (3) provide in a single institution, or in a limited number of institutions, those programs that are specialized or unusually expensive, (4) conserve the resources available to the State by avoiding unnecessary duplication, (5) encourage cooperative programs among the institutions, (6) recognize the varying functions of the several institutions, and (7) encourage the development of as much autonomy in the several institutions as is consistent with the purposes of the State System.

11. To develop cooperative arrangements between the State System of Higher Education and other educational agencies within the State of Oregon.

"The articulation of public secondary education, of the evolving community colleges, of private institutions of higher education, and the State System of Higher Education is a necessity. The State System has an obligation to cooperate in every way in the development of community colleges and to encourage the highest possible level of instruction in these colleges. Many students who attend the community colleges will wish to continue their education in the colleges and universities in the State System. The system has, therefore, an obligation to its citizens to provide for the orderly transfer of students from one level or segment of education to another.

"In keeping with the foregoing, each institution in the System will continue to possess individual character and will develop along lines indicated by this character. Although not intended to be definitive in each instance, the following reflects the Board's conception of the several units:

1. Oregon State University is the System's land-grant institution, and its undergraduate, graduate and professional programs are oriented toward the sciences, both theoretical and applied, integrated with strong programs in humanities and social sciences.

2. The University of Oregon is the System's liberal arts university, and its undergraduate, graduate and professional programs are oriented toward or closely related to the humanities, social studies, sciences, and the arts.

3. Portland State College is an urban institution designed primarily to meet the emerging needs of the Portland metropolitan area for state-supported higher education.

4. Southern Oregon College is a liberal arts college serving the southern Oregon region and emphasizing the preparation of teachers, both elementary and secondary.
5. Eastern Oregon College is a liberal arts college serving the eastern Oregon region and emphasizing the preparation of teachers, both elementary and secondary.

6. Oregon College of Education is a liberal arts college with special emphasis on the preparation of elementary and secondary teachers and research in teacher education.

7. Oregon Technical Institute is a specialized institution designed to provide opportunity for study in technical areas of selected curricula, including opportunities both for graduates of high schools and for those students who have had some technical preparation.

8. The University of Oregon Medical School has the mission of preparing physicians, nurses and related technicians, providing graduate and postgraduate educational training for physicians, and extending the boundaries of learning in the medical sciences.

9. The University of Oregon Dental School has the mission of preparing for the various branches of the dental sciences, providing continuing education for dentists, and expanding the boundaries of learning in the dental sciences.

10. The General Extension Division is an administrative unit of the Chancellor's Office responsible for providing the management by which instructional and service offerings of the Oregon State System of Higher Education are extended for continuing higher education opportunities.

At the request of Board members, the Chancellor briefly reviewed the main points of the items included in the statement. Several institutional executives stated that they were very well pleased with the opportunity to develop the guidelines and that they, as well as representative groups of their staffs, were in close agreement on the objectives as outlined. At a subsequent meeting, each institutional executive will be asked to present an expanded and more specific statement of guidelines for his institution. The statement is to be consistent with the approved System guidelines.

**ELECTION OF OFFICERS**

President Walsh called for nomination for Board officers to serve during 1962-63. On motion by Director Merrifield and second by Director MacNaughton, the incumbent officers were nominated and re-elected by a unanimous vote. The officers for 1962-63 are as follows: President, Mr. J. M. E. Walsh; Vice President, Mr. Chas. R. Holloway, Jr.; and Mr. J. W. Forrester, Jr., third member of the Executive Committee.
BUILDINGS, GROUNDS AND CAPITAL OUTLAY

Item 1

Included in the building program proposed by Oregon State University for 1963-1965 is a Family Living Center of approximately 20,004 square feet to be used as a part of the instructional program of the School of Home Economics. The estimate of the direct construction costs of this unit, based upon the current price level, is approximately $300,000.

President Jensen, with the concurrence of the Chancellor, recommended that authorization be given to employ Jeppsen and Miller of Corvallis as architects for the structure. The professional services fee covering all architectural and engineering requirements is to be 6.0 per cent of the direct construction costs, including 1.0 per cent for the preparation of a pre-preliminary scheme and preliminary plans. Funds required for the preliminary planning, including miscellaneous costs related thereto, are to be provided from the Board's Unrestricted Unappropriated Funds in the total amount of $3,250.

The Board approved the recommendations as presented.

Item 2

President Jensen recommended the appointment of Mr. Louis A. DeMonte of El Cerrito, California, as a campus pre-planning consultant for Oregon State University. Mr. DeMonte is well known on the Pacific Coast as a university planning consultant and was employed by Oregon State University in connection with the planning of the Physics-Chemistry Building a few years ago. The professional service arrangements are to be on a day-to-day basis plus expenses, with a maximum total amount to cover both the fee and the expenses to be no more than $950. Funds for payment of the services and expenses are to be provided from the Board's Unappropriated Fund.

The Board approved the recommendations as presented.

Item 3

At previous meetings of the Board, the Comptroller was authorized to submit applications to the Housing and Home Finance Agency for interest-free advances to cover the cost of preparing preliminary plans for building projects within the State System of Higher Education. In addition, authorization was granted for the Comptroller to accept the terms of the agreements which might be tendered by the federal government in a prescribed form for any or all of the projects.

The Housing and Home Finance Agency has offered to advance the funds requested for the following projects and the appropriate agreements have been executed:

<table>
<thead>
<tr>
<th>Project and Location</th>
<th>Project No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music Building Addition, UO</td>
<td>P-ORE-3108</td>
<td>$3,000</td>
</tr>
<tr>
<td>Administration Building, UO</td>
<td>P-ORE-3104</td>
<td>12,500</td>
</tr>
<tr>
<td>Heating Plant Addition, UO</td>
<td>P-ORE-3107</td>
<td>10,400</td>
</tr>
<tr>
<td>Marine Biology Station, UO</td>
<td>P-ORE-3109</td>
<td>3,600</td>
</tr>
<tr>
<td>Administration Building, OSU</td>
<td>P-ORE-3123</td>
<td>20,000</td>
</tr>
<tr>
<td>Science Building Addition, PSC</td>
<td>P-ORE-3114</td>
<td>27,000</td>
</tr>
<tr>
<td>Library Addition, EOC</td>
<td>P-ORE-3115</td>
<td>3,000</td>
</tr>
</tbody>
</table>

The Board confirmed the acceptance of the indicated funds.
Meeting #306 -58

Item 4

As indicated in the minutes of the June 12, 1962, meeting, the bid received on May 15 for the construction of a precast, six-foot conduit-type tunnel to serve Dormitory No. 6 and Cafeteria was rejected upon the recommendation of Engineer W. Bruce Morrison and Oregon State University officials. Revised plans and specifications were prepared for the conventional poured-in-place tunnel, and bids therefor were opened in Corvallis on July 10, 1962. The revised bids ranged from $61,724 to $95,595 compared with the bids of May 15 which ranged from $76,779 to $98,800. Inasmuch as the low bid of $61,724 was well within the engineer's estimate, a contract award was made to the low bidder, C. A. Lantz Construction Co., Salem.

The Board confirmed the contract award.

Item 5

Bids were opened in Ashland on July 12, 1962, for the construction of Unit D of Cascade Hall, the new dormitory at Southern Oregon College, as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>Number of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work</td>
<td>4</td>
<td>$232,700</td>
<td>$252,307</td>
</tr>
<tr>
<td>Mechanical Work</td>
<td>4</td>
<td>52,375</td>
<td>66,820</td>
</tr>
<tr>
<td>Electrical Work</td>
<td>3</td>
<td>19,750</td>
<td>24,979</td>
</tr>
<tr>
<td>Built-in Furniture Work</td>
<td>3</td>
<td>31,743</td>
<td>40,996</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the low bids, $336,568, was well within the estimate of Architect Robert J. Keeney, contract awards were made and the following budget was approved for the project:

**Direct Construction Costs:**

<table>
<thead>
<tr>
<th>Work Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Work - Ausland Construction Co., Grants Pass</td>
<td>$232,700</td>
</tr>
<tr>
<td>Mechanical Work - Patterson Plumbing Co., Medford</td>
<td>52,375</td>
</tr>
<tr>
<td>Electrical Work - Steck Electric Company, Medford</td>
<td>19,750</td>
</tr>
<tr>
<td>Built-in Furniture Work - E. F. Shuck Construction Co., Seattle</td>
<td>31,743</td>
</tr>
<tr>
<td><strong>Total Direct Construction Costs</strong></td>
<td>$336,568</td>
</tr>
</tbody>
</table>

- Architect's and Engineering Fees
- Furnishings and Equipment
- Construction Supervision
- Site Work, including Landscaping
- Legal, Administrative and Miscellaneous Expenses
- Contingencies (5 per cent of direct construction costs)

**Total Project Costs**

- $400,000

**Sources of Funds:**

- Bond Borrowings (Series 1962, par value $248,000 at 98.01) $243,065
- Restricted fund balances 156,935

**Total Sources of Funds** $400,000
The total project cost is $15,000 less than the estimate which had been reported to the Board on January 23, 1962, when the preliminary plans were approved and authorization was given to prepare final plans, solicit bids and award construction contracts.

Housing accommodations will be provided for 92 students and a counselor within Unit D, which is a four-story structure. The average area per student is approximately 205 square feet. For the total area of 18,840 square feet, the direct construction costs average $17.86 per square foot. The total investment per student averages approximately $4,348, but this cost includes the construction of the lounge and recreation areas for future Unit E of Cascade Hall in order to realize construction economies.

The Board confirmed the contract awards.

Item 6
Report of Inspection and Acceptance of Office Addition to Men's Physical Education Building, UO

The total project cost was $23,295, including $20,747 for the direct construction work performed by W. E. Youel Construction Co. of Eugene. The contract amount reflects an increase of $132 over the original award for a change order processed during construction to improve the method of sealing the new foundation with the roof of the existing building.

The addition, which was designed by Architects Balzhiser, Seder & Rhodes of Eugene, provides five offices adequate to accommodate a total of ten faculty members. For the gross area of 1,278 square feet, the direct construction costs average $16.23 per square foot. Funds for the project were allocated from the Board's Reserve for Land purchases, physical plant rehabilitation and minor capital outlay (Chapter 531, Oregon Laws 1961).

The Board confirmed the acceptance of the Office Addition to Men's Physical Education Building.

Item 7
Report of Inspection and Acceptance of Married Student Housing, EOC

On July 2, 1962, the Comptroller inspected and accepted, subject to the completion of a few minor items, the first sixteen units included in the Married Student Housing project at Eastern Oregon College. The revised construction budget is indicated below in comparison with the budget approved by the Board on September 12, 1961:

<table>
<thead>
<tr>
<th>Project Costs:</th>
<th>Original Budget</th>
<th>Revised Budget</th>
<th>Increase/Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Construction - McCormack Construction Co.,</td>
<td>$148,892</td>
<td>$148,708</td>
<td>$(184)*</td>
</tr>
<tr>
<td>Pendleton</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Architects' Fees</td>
<td>8,189</td>
<td>8,179</td>
<td>(10)</td>
</tr>
<tr>
<td>Construction Supervision</td>
<td>1,080</td>
<td>1,080</td>
<td>0</td>
</tr>
<tr>
<td>Landscaping and utility services</td>
<td>3,254</td>
<td>5,973</td>
<td>2,719 #</td>
</tr>
<tr>
<td>Legal, and Miscellaneous Expenses</td>
<td>500</td>
<td>60</td>
<td>(440)</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>12,000</td>
<td>12,000</td>
<td>0</td>
</tr>
<tr>
<td>Contingencies</td>
<td>6,085</td>
<td></td>
<td>(6,085)</td>
</tr>
<tr>
<td><strong>Total Project Costs</strong></td>
<td><strong>$180,000</strong></td>
<td><strong>$176,000</strong></td>
<td><strong>$(4,000)</strong></td>
</tr>
</tbody>
</table>
### Sources of Funds:

<table>
<thead>
<tr>
<th></th>
<th>Original Budget 9-12-61</th>
<th>Revised Budget 7-2-62</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond borrowings, Series 1961A</td>
<td>$145,246</td>
<td>$145,246</td>
<td>$0</td>
</tr>
<tr>
<td>Restricted fund balances</td>
<td>$34,754</td>
<td>$30,754</td>
<td>$(4,000)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$180,000</strong></td>
<td><strong>$176,000</strong></td>
<td><strong>$(4,000)</strong></td>
</tr>
</tbody>
</table>

*Various minor revisions incorporated in two change orders resulted in a decrease of $184 in the construction contract.*

# Graveling new parking areas.

The project was designed by Architect Wesley Korman of Pendleton, and includes 16 apartment units and a laundry building. The direct construction costs of $148,708 average $13.10 per square foot for the total gross area of 11,353 square feet. The average investment for each of the apartments was $11,000, based upon the $176,000 total project cost.

The Board confirmed the acceptance of the Married Student Housing project.

### Item 8

**Condemnation of Sanzenbacher Property, PSC**

As a part of the site for the First Unit of the Science Building at Portland State College, for which an appropriation of $2,340,000 for building and site was made by the 1961 Legislature, it is necessary to acquire the Sanzenbacher property located at 1633 S. W. Eleventh Avenue, Portland, Oregon. It is expected that construction will begin in the fall of 1962. To date it has not been possible to reach a satisfactory agreement with the owners for the purchase of this property.

President Millar, with the concurrence of the Chancellor, recommended that the Board proceed with condemnation action unless satisfactory purchase arrangements can be made otherwise. It is recommended that the following resolution be passed:

**RESOLUTION**

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

WHEREAS, under and by virtue of the laws of this state whenever any property is required for use by the state and the owner and the board directing the state department or institution 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 Portland, Multnomah County, Oregon, for the public purpose, to wit, the establishing and maintaining thereon of public buildings and grounds for the expansion and development of Portland State College; and

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

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

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

   Lot 4, Block 267, City of Portland, in the City of Portland, County of Multnomah and State of Oregon.

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

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

On motion by Director Hart and second by Director Holloway the above report was accepted and the resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKean, Merrifield and Walsh.

Those voting no: None.

The President of the Board thereupon declared the above resolution duly adopted by a unanimous vote of those present.
It is necessary to acquire the Rogers property located at 1705 S. W.
Eleventh Avenue, Portland, Oregon, for the School of Social Work at
Portland State College. To date it has not been possible to reach a
satisfactory agreement with the owner for the purchase of the property.

President Millar, with the concurrence of the Chancellor, recommended
that the Board proceed with condemnation action unless satisfactory
purchase arrangements can be made otherwise. Funds for the acquisition
of the property are to be provided from the 1961 Legislative appro-
priation for the School of Social Work. It is recommended that the
following resolution be passed:

RESOLUTION

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

WHEREAS, under and by virtue of the laws of this state whenever any
property is required for use by the state and the owner and the
board directing the state department or institution 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 Portland, Multnomah County, Oregon, for the public
purpose, to wit, the establishing and maintaining thereon of
public buildings and grounds for the expansion and development
of Portland State College; and

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

NOW, THEREFORE, BE IT RESOLVED BY THE State Board of Higher
Education in regular meeting assembled:
1. That the State Board of Higher Education does hereby find and declare that the following described parcel of land is required for public use, is suitable, proper and necessary for the public purpose of establishing and maintaining thereon public buildings and grounds for the expansion and development of Portland State College:

Lot 1, Block 268, City of Portland, in the City of Portland, County of Multnomah and State of Oregon.

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

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

On motion by Director Hart and second by Director Holloway, the above report was accepted and the resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKean, Merrifield and Walsh.

Those voting no: None.

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

President Jensen recommended the purchase of the Kelleway property located at 2115 Philomath Road, Corvallis, Oregon, within the campus boundaries. The property consists of 2.5 acres on which is located a very old house of no value. The tract has 240 feet of frontage on Philomath Road and is zoned for duplex construction. Two appraisals were secured: $15,600 and $19,500, for an average of $17,550. An option for $15,450 has been obtained. Funds are to be provided from the Board's Land Purchase Reserve.

The Board authorized the recommendation as presented.
At the June 1962 meeting, the Board authorized the condemnation of the Barber property located at 1023 S. W. Mill Street, Portland, for use as part of the site for the construction of the first unit of the Science Building, Portland State College. A compromise settlement has been reached, and the Executive Committee has approved the purchase of the property at $19,500. Purchase funds are provided from the 1961 Legislative appropriation of $2,340,000 for the Portland State College Science Building construction and site acquisition. Confirmation of this action is requested.

The Board confirmed the property purchase.
In accordance with Board regulations, the following members represented the Board at the 1962 Commencement exercises of the several institutions and acted for the Board in approving candidates for degrees and diplomas:

Oregon State University
University of Oregon
University of Oregon Dental School
University of Oregon Medical School
University of Oregon Nursing School
Portland State College
Oregon College of Education
Southern Oregon College
Eastern Oregon College
Oregon Technical Institute

John Merrifield
Chas. R. Holloway, Jr.
Allan Hart
R. E. Purvine
Douglas McKean
Wm. E. Walsh
J. W. Forrester, Jr.
Chas. R. Holloway, Jr.
Elizabeth H. Johnson
Wm. E. Walsh

The action of these Board members was confirmed and made a matter of record. Signed copies of the lists of approved candidates are on file in the Board's Office.

At the June 1962 meeting the Board authorized the Chairman of the Insurance Committee and the Comptroller to consult with insurance experts on aspects of fire insurance coverage on a selected group of self-liquidating and self-supporting buildings and to continue or modify the commercial insurance presently in force.

Mr. Merrifield, Mr. Bork and Mr. Watson met with Mr. C. D. Grew of Charles W. Sexton Company, an insurance expert appointed to represent the Oregon Insurance Agents Association. Mr. Grew's recommendation that the designated buildings be covered by 90 per cent co-insurance under a special "Public and Institutional Property Form" was accepted, and effective July 1, 1962, fire insurance was transferred to this P. I. P. form to protect buildings with a current replacement value of $33,960,000. The special form, which is restricted to public property, educational institutions, churches and hospitals, provides for quarterly self-inspection reports; however, the substantial reduction in premiums rates coupled with certain benefits from quarterly inspections was considered of sufficient advantage to offset the added expense of the self-inspection reports.

Although commercial extended coverage for the hazards of windstorm, hail, explosion, smoke, etc. had not previously been purchased, it was decided to order such commercial extended coverage insurance until the scope of the protection offered by the State Restoration Fund for such hazards could be clarified. The Department of Finance regulations presently indicate that buildings covered by supplemental commercial fire insurance would only be protected by the Restoration Fund for 20 per cent of the building replacement value against loss or damage from non-fire hazards of smoke, storm, flood, explosion and
earthquake. It is planned to request an opinion from the Attorney General pertaining to the scope of the protection under the Restoration Fund. If the Attorney General rules that the Restoration Fund will provide 100 per cent protection on extended coverage hazards on buildings protected by commercial fire insurance, the commercial extended coverage will be discontinued.

The Board accepted the report.

Item 14

A four-day tour of the Branch Experiment Stations in Eastern Oregon was conducted between June 25 and 28, 1962. Present on the tour were Mr. J. W. Forrester, member of the State Board of Higher Education and Chairman of the Board Committee on Agricultural Extension Service and Experiment Stations; Chancellor R. E. Lieuallen; President J. H. Jensen of Oregon State University; Dean F. E. Price; and Assistant Directors R. M. Alexander and Wilson H. Foote.

The purpose of the tour was to acquaint Mr. Forrester as Chairman of the Experiment Station Committee, Chancellor Lieuallen and President Jensen with the research programs, facilities, and staff of the Eastern Oregon branch experiment stations and the agricultural economy of the counties served by these experiment stations.

The branch experiment stations visited were:

<table>
<thead>
<tr>
<th>NAME OF STATION</th>
<th>TOWN</th>
<th>PRINCIPAL COUNTIES SERVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mid-Columbia</td>
<td>Hood River</td>
<td>Hood River, Wasco</td>
</tr>
<tr>
<td>Sherman</td>
<td>Moro</td>
<td>Wasco, Sherman, Gilliam, Morrow</td>
</tr>
<tr>
<td>Umatilla</td>
<td>Hermiston</td>
<td>Livestock research - Eastern Oregon</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crops - North Umatilla County</td>
</tr>
<tr>
<td>Pendleton</td>
<td>Pendleton</td>
<td>Umatilla</td>
</tr>
<tr>
<td>Eastern Oregon</td>
<td>Union</td>
<td>Union, Wallowa, Baker, Grant</td>
</tr>
<tr>
<td>Malheur</td>
<td>Ontario</td>
<td>Malheur</td>
</tr>
<tr>
<td>Squaw Butte</td>
<td>Burns</td>
<td>High desert and mountain meadow of Oregon, Idaho, Nevada, and California</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Deschutes, Crook, Jefferson</td>
</tr>
<tr>
<td>Central Oregon</td>
<td>Redmond</td>
<td></td>
</tr>
</tbody>
</table>

Prior to the first stop on the tour, the group was briefed on the role of the branch stations in the over-all research program of the Agricultural Experiment Station. The relationship and the coordination with the subject-matter departments at the Central Station in Corvallis was emphasized. It was pointed out that 75 to 80 per cent of the research program of the Station was carried on at Corvallis and the research work at each branch station was concentrated largely on the important agricultural problems of the area served.

Each County Extension Agent spoke briefly on the importance of agriculture and forestry to the economy of the state, highlighting the agriculture of his area and the role of the experiment station in improving the economy. As an illustration of the economic importance of agriculture to Oregon, it was indicated that the counties of Umatilla and Malheur each has an annual income of over $35,000,000 from this source.
Below is a summary of the problems and related research conducted at each of the branch stations as presented to the group:

**MID-COLUMBIA** - After a general review of the horticultural, entomology and pathology research on fruit production, much of the time was spent on the fluorine damage research problems confronting the station. A brief stop was made at a cherry orchard in the Mosier district to see a specimen tree of the new virus-like disease that is threatening the cherry industry of the state.

**SHERMAN** - A tour of the experimental plots followed a brief discussion of the role of the station in the lower rainfall area of the Columbia Basin wheat area. The research problems relating to stubble mulch farming for erosion control, chemical summerfallow, varietal development and soil fertility were discussed.

**UMATILLA** - Most of the time at this station was spent discussing the importance and growth of livestock feeding on the economy of the area. A tour of the Swine Testing Facilities and the recently constructed sheep and cattle feedlots was made. The group was joined by Mr. Cohn and Mr. Green, livestock feeders of the area. These men also participated in the station tour and general discussion.

**PENDLETON** - The research program on wheat production, weed control, new crops and soil fertility and conservation was covered along with a brief tour of the facilities and experimental plots.

**UNION** - A tour of the Station land and facilities followed a brief discussion of the station's research program. The use of the Hall Ranch property as a cooperative livestock grazing and forestry research site was stressed. Also discussed was the impending loss of part of this property to the backwater of a dam which may be constructed on Catherine Creek.

**ONTARIO** - The "slick-spot" and "deep-plowing" research program of this station was illustrated by pictorial review and a tour of the experimental plots. The role of the station in introducing new varieties and crops into the area was emphasized. A tour of the alkali bee beds and the high-yielding alfalfa seed fields was made to illustrate the significant contribution that research on alfalfa seed production has had on the economy of the state. The annual income from alfalfa seed in Malheur County has increased more than $1 million in the last five years as a result of the bee research.

**BURNS** - A tour was conducted of the facilities and research project on the "wet meadows" of the Great Basin as represented on the Section Five site. The problem of meadow hay production and the establishment of adapted species on these lands was pointed out. Sagebrush removal and range reseeding research was the highlight of the tour of the Squaw Butte range station. The impact of the Vale Range Project and the transfer of the A.R.S. range scientist from the Squaw Butte Station was the center of considerable discussion.
REDMOND - The new site of the Redmond station was inspected and research problems of this area were discussed briefly. While at Redmond, the group had luncheon at the home of Mrs. Samuel S. Johnson, a member of the Board. Mrs. Johnson was given a brief review and highlights of the research program of the Agricultural Experiment Stations.

The Board accepted the report.

Item 15

Resolution to State Dept. of Planning and Development for Economic Study in Baker, Union and Wallowa Counties, Agric. In order for the State Department of Planning and Development to be Exper. Station, in a position to request Housing and Home Finance Agency planning moneys, it needs to be provided with evidence of authorization of each participating county and state agency of the financial support which it will furnish. For this reason, President Jensen, with the concurrence of the Chancellor, recommend that the following resolution be approved by a roll call vote of the Board.

RESOLUTION FOR PLANNING ASSISTANCE

WHEREAS, the STATE OF OREGON, acting by and through the STATE BOARD OF HIGHER EDUCATION, on behalf of Oregon State University and its Agricultural Experiment Station, desires to provide for an economic development and planning study contributing to an over-all program for future development of the state, and the promotion of general health, safety and welfare of its citizens; and

WHEREAS, the Department of Planning and Development, under and by authority of ORS 184,110 to 184,200 and Chapter 315, Oregon Laws 1961, may provide planning assistance for such program and receive financial assistance from the Urban Renewal Administration, as authorized by Section 701 of the Housing Act of 1954, as amended; and

WHEREAS, the Department of Planning and Development is authorized to administer the provisions of ORS 184 110 to 184.200 and Chapter 315, Oregon Laws 1961;
NOW, THEREFORE, BE IT HEREBY RESOLVED,

THAT the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University and its Agricultural Experiment Station, hereby requests the Department of Planning and Development to provide planning assistance under authority of ORS 184.110 to 184.200 and Chapter 315, Oregon Laws 1961, with such financial assistance as may be provided by the Urban Renewal Administration, under authority of Section 701 of the Housing Act of 1954, as amended. The planning assistance to be provided is more particularly described in a project description which is attached hereto and by reference thereto made a part of this resolution as if fully set forth herein.

THAT the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University and its Agricultural Experiment Station, subject to approval of such planning assistance by the state and federal authorities, hereby authorizes payment to the Department of Planning and Development of a sum not to exceed $6,000.00 in the form of a pledge of personnel, travel, reproduction and other expenditures.

THAT the Comptroller and Secretary of the Oregon State Board of Higher Education are and they are hereby authorized and empowered to execute in the name of the State of Oregon, acting by and through the State Board of Higher Education, on behalf of Oregon State University for its Agricultural Experiment Station, all necessary contracts and agreement to implement and carry out the purposes specified in this resolution.

Enacted by the State Board of Higher Education this 24th day of July, 1962.

On motion by Director Hart and second by Director Merrifield, the above resolution was adopted on a roll call vote with the following voting in favor of adoption: Directors Forrester, Hart, Holloway, Johnson, MacNaughton, McKeen, Merrifield and Walsh.

Those voting no: None.

The President of the Board thereupon declared the above resolution duly adopted by a unanimous vote.
The procedure in writing off uncollectible accounts in the various institutions is contained in Section D-31 of the Administrative Code of the Board. Included in that statement are the following items:

"D-31-B. Accounts in excess of $1,00 are not to be written off until a detailed list is submitted to the comptroller for approval. This list is to show the name of the individual, date of services, amount unpaid, and reason for uncollectibility.

"D-31-C. Uncollectible accounts which do not exceed $1.00 may be written off with the consent of the president of the institution. Notification, however, is to be given to the comptroller with whatever explanation seems necessary."

Due to the volume of these small accounts and the amount of time required to process them in accordance with the provisions in the Code, the institutional executives, with the concurrence of the Chancellor, recommended the following modifications in the preceding statements:

D-31-B. Accounts in excess of $10.00 are not to be written off until a detailed list is submitted to the comptroller for approval. This list is to show the name of the individual, date of services, amount unpaid, and reason for uncollectibility.

D-31-C. Uncollectible accounts which do not exceed $10.00 may be written off with the consent of the president of the institution. Notification, however, is to be given to the comptroller with whatever explanation seems necessary.

The Board approved the recommendations as presented.

At the June 1962 meeting, the Board authorized the refunding to the Housing and Home Finance Agency of the $6,571 received from that agency for the preparation of preliminary plans for the Addition to Johnson Hall. The agency has reported that the laws governing the operation of the advance planning program do not provide for the repayment of the advance until construction has been undertaken. In addition, the agency reports that since the site originally proposed for the Johnson Hall Addition is now planned to be used for an Addition to the Faculty Center, that the agency will be in a position to officially declare the above project as having been abandoned when construction on that addition is undertaken. Consequently, the Chancellor recommended that the $6,571 be returned to the Board's Unappropriated Fund.

The Board approved the recommendation as presented.
Item 18

Transfer for Office of Public Services, CA

The Chancellor recommended the transfer of $25,660 from the Board's Unappropriated Fund to Centralized Activities, Office of Public Services, to establish a new budget account for the operation of that office. He also recommends the approval of the following operating budget for the 1962-63 fiscal year:

Salaries

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Donald R. Larson, Assistant Chancellor and Director of Office of Public Services; Professor, indefinite tenure, 12-months' service, effective July 1, 1962)</td>
<td>$ 13,500</td>
</tr>
</tbody>
</table>

Wages

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secretary 3</td>
<td>$3,540</td>
</tr>
<tr>
<td>Informational Representative 1</td>
<td></td>
</tr>
<tr>
<td>($5,040 per year effective January 1, 1963)</td>
<td>2,520</td>
</tr>
<tr>
<td>Irregular and student assistance</td>
<td>600</td>
</tr>
</tbody>
</table>

Materials and Expense

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,500</td>
</tr>
</tbody>
</table>

Travel

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,500</td>
</tr>
</tbody>
</table>

Equipment (to outfit office for Mr. Larson and assistants.)

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,500</td>
</tr>
</tbody>
</table>

$ 25,660

The Board approved the recommendations as presented.

Item 19

Acceptance of Urban Planning Grant, UO Project No. Ore. P-30, UO

Urban Planning Project No. Ore. P-30 is being developed by the Bureau of Municipal Research of the University of Oregon involving planning work in the Portland metropolitan area. The estimated total cost is $84,000. Of the total, two-thirds is to be provided by the Housing and Home Finance Agency of the federal government and one-third is to be provided by Metropolitan Planning Commission. Under date of July 13, 1962, the Housing and Home Finance Agency offered a grant of $56,000.

The Chancellor recommended that the Board authorize the Comptroller to accept the grant and to enter into an appropriate contract, with the Secretary of the Board to provide attestation.

The Board authorized the recommendation as presented.
At the June 1962 Board meeting it was recommended that a revised three-year program in medical technology be approved for Oregon Technical Institute, effective with the beginning of the school year 1962-63. At this meeting the details of the program were presented and the advantages to the students enrolled in this curriculum were indicated. In the course of the discussion, a difference of opinion developed in regard to whether the new three-year curriculum would meet the three years of pre-technical training required by the American Society of Clinical Pathologists Registry and also meet the proposed changes in the Oregon State Board of Health requirements including syphilis serology test certification. Because of the uncertainty with regard to these points, the Chancellor requested that approval of the curriculum be deferred until definite information could be secured.

At a special meeting of the Curriculum Committee which was held in Portland on June 30, 1962, the Chancellor reported that the three-year curriculum would enable graduates of Oregon Technical Institute upon accreditation to meet the three-year pre-technical training requirement of the ASCP Registry and would permit them to enter the final year of an approved school of medical technology. Upon graduation, from that final year of the course, these individuals would be authorized to take the Registry examinations, which would grant complete certification including syphilis serology test certification. The Chancellor stated also that the Oregon State Board of Health has now ruled that persons performing syphilis serology examinations must, after July 1, 1963, meet the requirements for the ASCP Registry and that this requirement forecloses the direct employment of graduates from the proposed curriculum in certain areas in which they have been employed in the past. He stated, however, that it would be advantageous for a student at OTI to complete the three-year curriculum because: (1) It would qualify him for admission to an accredited medical technology school either immediately following the completion of the course or at any time thereafter, and (2) upon completion of the three-year course, a student would still be able, without additional training, or by completing the year of externship presently included in the OTI program, to secure employment in certain types of positions within the field of medical technology.

President Purvine, with the concurrence of the Chancellor, recommended that the proposed three-year program in medical technology, details of which are found in Supplement A, be approved and that Oregon Technical Institute be authorized to begin the program with the 1962-63 academic year.

The Curriculum Committee concurred in the recommendation of President Purvine and the Chancellor.

The Board approved the recommendations as presented.
Meeting #306-73

PERSONNEL

July 24, 1962

Item 21

The Board approved the following personnel adjustments as submitted by the Institutional Executives concerned, the necessary funds being provided in the 1961-62 and 1962-63 budgets:

University of Oregon

In its original approved budget for the year 1962-63, the University of Oregon reserved a portion of the salary adjustment fund for use during the year to meet needs for adjustments required to meet offers from other institutions and to use for other salary adjustment needs during the year.

Personnel Adjustments

Personnel adjustments for the following staff members in the Department of English, effective September 1, 1962, with the additional salary funds required to be provided from the Institutional Reserve for Salary Adjustments:

S. R. Cooperman, Dr. Stanley R. Cooperman, advance in rank from Instructor to Assistant Professor of English, with a corresponding increase in annual salary from $6,250 to $6,900, in recognition of his completing the requirements for the doctoral degree.

R. J. Salisbury, Mr. R. J. Salisbury, Assistant Professor of English, increase in annual salary from $6,250 to $6,575.

W. C. Strange, Mr. William C. Strange, Instructor of English, increase in annual salary from $5,800 to $6,000.

H. Kratz, Advance in rank for Dr. Henry Kratz from Assistant to Associate Professor of Germanic Languages, effective September 1, 1962, with a corresponding increase in annual salary from $8,525 to $9,500. The $975 required is to be provided from the Institutional Reserve for Salary Adjustments.

Salary Adjustments, Dept. of Foreign Languages

Increases in annual salary effective September 1, 1962, for the following staff members in the Department of Foreign Languages, to make the salaries within the department more equitable and to place them on a more competitive level with other institutions:

T. E. Marshall, Dr. Thomas E. Marshall, Assistant Professor of Romance Languages, from $7,675 to $8,525.

R. E. Steussy, Dr. Robin E. Steussy, Assistant Professor of Slavic Languages, from $7,975 to $8,525.

N. J. Davison, Dr. Ned J. Davison, Assistant Professor of Romance Languages, from $8,525 to $8,050.

W. L. Hahn, Dr. Walter L. Hahn, Assistant Professor of Germanic Languages, from $8,200 to $8,525.
Meeting #306-74

July 24, 1962

P. B. Gontum, Increase in Salary
Dr. Peter B. Gontum, Assistant Professor of Germanic Languages from $7,875 to $8,200.

R. H. Desroches, Increase in Salary
Dr. Richard H. Desroches, Assistant Professor of Romance Languages, from $7,875 to $8,200.

C. B. Pascal, Increase in Salary
Dr. Cecil B. Pascal, Assistant Professor of Classical Languages, from $7,550 to $7,875.

The $2,825 required for the above increases is to be provided from the Institutional Reserve for Salary Adjustments.

W. S. Baldinger, Increase in Salary
Increase in annual salary for Dr. Wallace S. Baldinger, Director of the Museum of Art and Professor of Art, from $11,974 to $12,474, effective July 1, 1962, in recognition of outstanding performance. The $500 required is to be provided from the Reserve for Salary Adjustments.

Personnel Adjustments
The following adjustments for staff members in the College of Liberal Arts, Dean's Office, to compensate them for additional responsibilities until a new Dean is appointed for the College:

Liberal Arts Dean's Office

M. D. Wattles, Continuation of Appointment and Increase in Salary
Dr. M. D. Wattles, continuation of appointment, effective July 1, 1962, as Acting Dean with rank of Professor of Economics, and redistribution of time and salary previously budgeted for 1962-63 as follows:

From: Assistant Dean and Director of Honors College
Economics

To: Acting Dean of College of Liberal Arts

R. Bartel, Designation as Acting Dean and Increase in Salary
Dr. Roland Bartel, designation as Acting Associate Dean and Associate Professor of English, with a corresponding increase in salary from $13,240 to $13,700, effective July 1, 1962. The additional $460 is to be budgeted in the Dean's Office portion of Dr. Bartel's salary.

L. Marquis, Continuation of Appointment and Increase in Salary
Dr. Lucian Marquis, continuation of appointment as Director of the Honors College, with additional pay of $950 per month for the months of July and August and a redistribution of time and salary, effective September 1, 1962, as follows:

From: Political Science Honors College

To: Liberal Arts, Dean's Office Political Science Honors College

$ 6,936

$ 9,500

$ 2,225

$ 6,936

$ 2,564

$ 11,725
F. J. Mohr, Increase in Salary

Mr. Fred J. Mohr, Special Assistant to Daans and Senior Instructor in Chemistry, increase in salary from $7,500 to $8,250, representing additional salary at $375 per month for 50 per cent service during the months of July and August to be added to that portion of his time budgeted to the Dean's Office.

Funds for the above personnel adjustments are available in unallocated salary balances available in the Liberal Arts, Dean's Office budget.

University of Oregon Dental School

J. P. Dickson, Increase and Redistribution of Time and Salary

Increase and redistribution of time and salary, effective July 1, 1962, for Dr. John P. Dickson, Assistant Professor of Dentistry, from 50 per cent time and $5,250 salary to 80 per cent time and $9,600 salary rate. The required funds are provided in the U. S. Public Health Service grant under which Dr. Dickson is employed.

Increases in Salary:

Increases in annual salary for the following staff members, effective July 1, 1962, with the required funds being provided in the research grants under which they are employed:

Mrs. L. Mumler Hartman, Increase in Salary

Mrs. Lucy Mumler Hartman, Instructor in Dentistry, from $3,600 to $3,780.

A. B. Ady, Increase in Salary

Dr. A. Bruce Ady, Research Assistant, from $5,750 to $6,000.

R. B. Parker, Increase in Salary

Dr. Richard B. Parker, Associate Professor of Dentistry, from $10,500 to $11,000.

Miss M. Gregorious, Increase in Salary

Miss Muriel Gregorious, Research Assistant, from $4,600 to $5,400.

R. A. Odegard, Increase in Salary

Mr. Rodney A. Odegard, Research Assistant, from $3,900 to $4,800.

University of Oregon Medical School

J. J. Adams, Designation as Assistant to Dean

Designation of Mr. Joseph J. Adams, Director of Public Affairs and Executive Secretary of the Medical School Alumni Association, as Assistant to the Dean, effective July 1, 1962, with no change in salary. The recommendation is in recognition of additional duties assigned to Mr. Adams.

J. W. Kendall, Advance in Rank and Salary

Advance in rank effective June 1, 1962, for Dr. John W. Kendall, Jr. from Research Fellow to Assistant Professor of Medicine, with a corresponding change in salary from $7,500 for full time to $12,000 for 90 per cent time. The required funds are provided in the U. S. Public Health Service Training grant under which Dr. Kendall is employed.
Advance in rank for Dr. Richard Lyons, from Instructor to Assistant Professor of Anatomy, effective July 1, 1962, with a corresponding increase in salary from $7,250 to $8,000. The required funds are provided in the U. S. Public Health Service training grant under which Dr. Lyons is employed.

Advance in rank for Miss Dorothy Johnson from Assistant to Associate Professor of Nursing, effective July 1, 1962, in order to correct an error in the original appointment of Miss Johnson in July 1961.

Increase in annual salary for Miss Dorothy P. Corey, Research Assistant in Anatomy, from $4,800 to $5,580, effective June 1, 1962; and resignation effective August 31, 1962. Miss Corey is paid from an Oregon Cancer Society research grant and funds for the increase are provided in the grant.

Increases in annual salary for the following staff members in the various departments of the Medical School. Funds for the increase are provided in the research grants under which these individuals are employed:

Effective June 1, 1962:

Dr. Jack Hutchinson, Instructor in Medicine, from $5,700 to $6,000.

Miss Virginia Tisdale, Research Assistant in Medicine, from $4,980 to $5,280.

Dr. F. J. Deshpande, Research Assistant in Surgery, from $3,600 to $5,000.

Effective July 1, 1962:

Dr. Frank Shubeck, Assistant Professor of Obstetrics and Gynecology, from $14,000 to $15,000.

Dr. Jeanne S. Phillips, Assistant Professor of Medical Psychology, from $9,250 to $10,000.

Dr. Lena Kenin, Assistant Professor of Psychiatry, from $12,000 to $13,000.

Dr. Ruth G. Matarazzo, Assistant Professor of Medical Psychology, from $10,000 to $10,500.

Dr. Arthur N. Wiens, Assistant Professor of Medical Psychology, from $9,750 to $10,750.

Dr. Morris Weitman, Instructor in Medical Psychology, from $9,000 to $10,000.
Increase in annual salary for Dr. E. A. Day, Associate Professor of Food Science and Technology, from $10,320 to $11,040, effective July 1, 1962. The $11,040 is to be distributed 75 per cent time and $8,280 salary with the Agricultural Experiment Station and 25 per cent time and $2,760 to instruction in Food Science and Technology. The $540 required in the Experiment Station budget is to be provided from the Director's Emergency Reserve; the $180 required in resident instruction is to be provided from the President's Operating Reserve.

A. F. Bartsch, Courtesy appointment of Dr. Alfred Frank Bartsch as Professor of Biology, effective July 1, 1962. Dr. Bartsch, who is a full-time federal employee, will be working with the Water Pollution Laboratory and will be officed on the campus.

G. R. Sitton, Continuation through August 31, 1962, of assignment in Thailand for Dr. G. R. Sitton, Associate Professor of Agricultural Economics, with a salary increase from $11,092 to $11,520 to become effective at the conclusion of the assignment. Dr. Sitton's 1962-63 salary is to be distributed as follows:

Kasetsart C.E.C.A. Contract (Salary for July and August at $11,092 rate) $ 1,848.66
Agricultural Economics--Agricultural Experiment Station (Salary at $11,520 rate beginning September 1, 1962.) $ 9,761.35

The $1,920 released in the Agricultural Economics--Agricultural Experiment Station budget is to be retained pending further personnel adjustments.

R. L. Krahmer, Advance in rank and salary for Dr. Robert Lee Krahmer from Instructor to Assistant Professor, Forest Research Laboratory, with a corresponding increase in salary from $7,316 to $7,890, effective July 1, 1962. The $574 required is to be provided from an unfilled instructorship in this budget.

C. H. Wang, Designation of Dr. C. H. Wang, Professor of Chemistry, as Director of the Radiation Center with rank of Professor, with no change in salary, tenure, or terms of service.

C. E. Horner, Increase in annual salary, effective July 1, 1962, for Dr. C. E. Horner, Associate Professor of Botany and Plant Pathology, from $9,995 to $11,040, with redistribution of time and salary as follows:

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<th>From:</th>
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Advance in rank and salary for Dr. Robert Lee Krahmer from Instructor to Assistant Professor, Forest Research Laboratory, with a corresponding increase in salary from $7,316 to $7,890, effective July 1, 1962. The $574 required is to be provided from an unfilled instructorship in this budget.
The $312 required in the Agricultural Experiment Station budget is to be transferred from the Director's Office Emergency Reserve. The increase in the U. S. Department of Agriculture portion of Dr. Horner's salary is provided in the funds supplied by the federal government for joint federal and Experiment Station employees.

Appointment to a new position of Mr. Hugh C. Black as Assistant Professor, Forest Research Laboratory, yearly tenure, 12-months' service, at an annual salary of $8,280, effective July 1, 1962. The required funds are provided in a grant of $12,000 per year from the Bureau of Land Management.

Increase in annual salary for Dr. L. Boersma, Assistant Professor of Soils from $8,670 to $9,060, effective July 1, 1962, and continuation of appointment through the full 1962-63 fiscal year. The $312 required in the Experiment Station budget is to be provided from the Director's Emergency Reserve; the $78 required in Soils Instruction is to be provided from Institutional Salary Savings Reserve.

Appointment of Dr. Walter Manning as Director of the Portland State College portion of the Oregon Program with rank of Professor of Education, yearly tenure, 12-months' service, at an annual salary of $12,000, effective July 1, 1962. Funds are to be provided from The Ford Foundation.

Transfer of Mr. Peter Daniel Grundfossen, Placement Officer and Instructor in History, from the Placement Service to College Center Operations, with change in title to Assistant Coordinator of Student Activities, effective July 1, 1962, to August 31, 1962, and Coordinator of Student Activities effective September 1, 1962, through June 30, 1963, at an annual salary of $7,750. The $7,625 required in the College Center Operations budget is to be provided as follows: $6,458 released by the leave without pay of Mr. Joseph E. DeMarsh, Coordinator of Student Activities and Instructor in Education; and $1,167 by a transfer from wages to salaries in the College Center budget. The $7,000 released in the Placement Office budget is to be retained pending selection of a replacement; and

Establishment of a new position as Assistant Coordinator of Student Activities with rank of Instructor, effective September 1, 1962, at a 10-months' salary rate of $5,750, to be provided by a transfer from wages to salaries in the College Center budget.
Salary Increases Increases in annual salary for staff members in the Department of English, effective September 1, 1962, as follows:

Mrs. M. Jones, Increase in Salary Mrs. Margaret Jones, Instructor in English, from $3,750 to $4,000 for 60 percent time.

Mrs. C. Sherban, Increase in Salary Mrs. Cora Sherban, Lecturer in English, from $3,500 to $4,000 for 60 percent time.

Mrs. R. Francis, Increase in Salary Mrs. Ruth Francis, Lecturer in English, from $3,500 to $4,000 for 60 percent time.

The above increases are in recognition of additional duties to be assigned to these individuals. The required funds are to be provided from the Salary Savings Reserve.

Oregon College of Education

R. L. Chatham, Return from leave without pay of Dr. Ronald L. Chatham, Assistant Professor of Social Sciences, and advance in rank to Associate Professor of Social Science with a corresponding increase in salary from $7,550 to $8,000. Dr. Chatham has just completed the requirements for the doctor's degree.

Oregon Technical Institute

G. R. Henninger, Appointment Appointment to a new position of Mr. G. Ross Henninger as Director of Institutional Research with rank of Associate Professor, yearly tenure, 12-months' service, at an annual salary rate of $10,080, effective August 16, 1962. The $8,833.55 required for 1962-63 is to be provided from the Oregon Technical Institute Operating Reserve.

Centralized Activities

G. L. Lutz, Appointment Appointment of Mr. Guy L. Lutz to a new position as Research Associate with rank of Assistant Professor in the Board's Office of Institutional Research, yearly tenure, 12-months' service at an annual salary of $9,600, effective July 1, 1962. The required funds are to be provided from the Board's Unappropriated Fund.
Item 22  The Board accepted the following gifts and grants and authorized the Secretary of the Board to make suitable acknowledgement to the donors:

University of Oregon

Scholarships & Fellowships  Gifts totaling $7,090 from the following donors for scholarships and fellowships:

State Association of University of Oregon
Women, Eugene  $ 150.00
Tile Council of America, Inc., New York City  500.00
The United States National Bank, Portland  1,000.00
The Autzen Foundation, Portland  500.00
University of Oregon Mothers Club, Empire  270.00
Mobil Oil Company, Los Angeles, California  1,000.00
Oregon Press Women, Inc., Portland  100.00
Association of Industrial Advertisers, Oregon Chapter, Portland  300.00
Pi Lambda Theta Alumnae Chapter, Eugene  100.00
Lebanon Union High School Girls League  100.00
Musicians Mutual Association, Eugene  120.00
Women's Architectural League of Oregon, Lake Oswego  800.00
Hillsboro Union High School Parent-Teacher Association  150.00
Crown Zellerbach Foundation, San Francisco, California  2,000.00

Housing and Home Finance Agency  Grants totaling $54,000 from the Housing and Home Finance Agency to the Bureau of Municipal Research for additional planning work in the Portland metropolitan area, June 16, 1962, through December 16, 1963. The funds are to be provided from the following sources:

Housing and Home Finance Agency  $ 56,000
Metropolitan Planning Commission  28,000
$ 84,000

Institute of Life Insurance for Family Finance  Grant of $5,000 from the Institute of Life Insurance for Family Finance, New York City, "to sponsor a University of Oregon Summer Workshop on Education for Family Financial Security to help teachers improve their backgrounds for teaching some of the basic principles underlying family financial security", January 1 through December 31, 1962, under the direction of Dr. Hugh B. Wood, Professor of Education.

National Science Foundation  Grant of $36,040 from the National Science Foundation, Washington, D.C., for an "Undergraduate Science Education Program", June 1, 1962, through July 31, 1964, under the direction of Dr. Harry A. Shoemaker, Assistant Professor of Psychology.

Office of Vocational Rehabilitation  Grants totaling $37,935 from the Office of Vocational Rehabilitation, Washington, D.C., for research and training programs as follows:

1. $34,185 - "For conducting a short-term training course on placement of the handicapped", June 10, 1962, through June 9, 1963, under the direction of Dr. Martin N. Acker, Assistant Professor of Education.
2. $3,750 - "The Social Psychological Environment of Disabled and Nondisabled Children", January 1 through December 31, 1963, under the direction of Dr. Phil Schoggen, Associate Professor of Psychology.

The Rockefeller Foundation
Grant of $8,950 from The Rockefeller Foundation, New York City, for research entitled, "The Origins and Characteristics of the Small Properties of the Argentine Pampa", June 1, 1962, through July 30, 1963, under the direction of Dr. Gene E. Martin, Assistant Professor of Geography.

P. Scott
Gift of a collection of artifacts, fossils, shells, rocks and other natural and historical objects from Mr. Paul Scott, San Francisco, California. The collection is valued at $300.

Tile Council of America, Inc.
Gift of $250 from the Tile Council of America, Inc., New York City, to be used in teaching courses on building materials under the direction of Dean Walter Gordon of the School of Architecture.

U. S. Air Force, Office of Scientific Research
Grants totaling $25,417 from the U. S. Air Force Office of Scientific Research, Washington, D.C., for research as follows:

1. $10,564 - "Applications of the Laplace and Generalized Laplace Operators to Series of Spherical Harmonics and Multiple Trigonometric Series", July 1, 1962, through June 30, 1963, under the direction of Dr. V. L. Shapiro, Professor of Mathematics.

2. $14,853 - "Ordered Topological Lattices", July 1, 1962, through June 30, 1963, under the direction of Dr. Lewis E. Ward, Jr., Associate Professor of Mathematics.

U.S. Army Research Office
Grant of $59,325 from the U. S. Army Research Office, Durham, North Carolina, for research entitled, "Reactions Involving Three-Atom and Four-Atom Transition States", July 1, 1962, through June 30, 1965, under the direction of Dr. Richard Noyes, Professor of Chemistry.

U.S. Dept. of Interior for Bonneville Power Admin.
Grant of $2,000 from the U. S. Department of the Interior for the Bonneville Power Administration, Portland, "for preparation of an additional study of the relationship between the resource base of the State of Oregon and its population", February 1 through September 30, 1962, under the direction of Dr. Don Watson, Assistant Professor of Finance.

U.S. Dept. of Health, Education & Welfare
Grant of $1,200 from the U. S. Office of Education, Department of Health Education and Welfare, to enable six Congolese students to attend the 1962 summer session, June 1, through August 31, 1962, under the direction of Dr. C. D. Byrne, Professor of Education.

University of Maryland
Gift of $200 from the University of Maryland, College Park, Maryland, as a "supplement to cover expenses in connection with research being conducted on the University of Oregon campus by Dr. M. J. Cohen, Associate Professor of Biology, University of Oregon and Dr. H. J. Winn, Associate Professor of Zoology, University of Maryland, February 1 through August 30, 1962, under the direction of Dr. Cohen."
Gifts totaling $810.09 from the University of Oregon Development Fund for the following purposes:

1. $535.20 - Gift to University Publications Account.
2. $274.89 - Gift to Library Gift Campaign Account.

Grants totaling $187,045 from the U. S. Public Health Service, July 1, 1962, through June 30, 1962, unless otherwise specified, for training programs and research as follows:

1. $39,662 - "Training Program in Genetics", under the direction of Dr. Edward Novitski, Professor of Biology.
2. $17,883 - "Training Program in Biochemistry", under the direction of Dr. F. J. Reithel, Head of the Department of Chemistry.
3. $35,000 - "Training Program in Physiology", under the direction of Dr. Bradley T. Scheer, Head of the Department of Biology.
4. $94,500 - "Molecular Biology Teaching and Research Training", under the direction of Dr. Aaron Novick, Director, Institute of Molecular Biology.

Gift of a sculpture, "Indian Maid and Prawn", valued at $5,000, from the estate of Mrs. Carl G. Washburne, through the Washburne Investment Company, Eugene. The bronze sculpture is by Alexander Phimister Proctor.

Gift of $100 from the University of Oregon Dental Hygienists Alumnae Association, Portland, to increase the loan fund provided for dental hygiene students.

Gift of equipment, valued at $360.90, from the Medical Research Foundation of Oregon, Portland, for use in connection with a research project under the direction of Dr. Arthur E. Fry, Head of the Oral Diagnosis Department. The gift consisted of a Canonflex camera with super canomatic lens, 1.8, with light meter, macro-coupler and carrying case.

Grant of $1,500 from Tektronix Foundation, Beaverton, to continue the research in the Child Study Department, and specifically for use in completion of the X-ray scanner project, under the direction of Dr. Bhim Savara, Head, Child Study Department.

Grant of $13,478 from the U. S. Public Health Service, "to continue support of a project involving the training of dental students in the use of chairside assistants", under the direction of Dr. John P. Dickson, Director of Dental Assistant Utilization Program.
Gifts totaling $32,150 from the following donors for scholarships and fellowships:

- Oregon Arthritis and Rheumatism Foundation, Inc., Portland: $900
- National Council To Combat Blindness, Inc., New York City: $750
- Oregon Heart Association, Portland: $18,600
- Avalon Foundation, New York City: $10,000
- Tobacco Industry Research Committee, New York City: $500
- Lederle Laboratories, Pearl River, New York: $1,200
- The Autzen Foundation, Portland: $200

Bequest under the will of Lillie Knox, deceased, of cash in the amount of $1,303.38 and real property appraised at $5,000, to be used for cancer research under the direction of Dean D. W. E. Baird.

Gift of a Bausch and Lomb Binocular Ophthalmoscope, valued at $250, from Dr. George Lyman, Portland.

Grant of $31,400 from the National Science Foundation, Washington, D.C., for research entitled, "Single Cell Activity and Repetitive Firing of Dorsal Root Ganglion Cells and Spinal Cord Neurons", May 15, 1962, through May 15, 1964, under the direction of Dr. George Austin, Head of the Division of Neurosurgery.

Grant of $250 from the Oregon Chapter of Myasthenia Gravis Foundation, Inc., Portland, for research in Myasthenia Gravis, under the direction of Dr. Norman David, Chairman of the Department of Pharmacology.

Gift of $100 from Mrs. Robert H. Noyes, Portland to the Heart Research Fund. The gift is in memory of Grace Ann Forrester.

Grant of $6,339 from the Office of Vocational Rehabilitation, June 1 to August 31, 1962, to provide a teaching grant in rehabilitation counseling under the direction of Dr. John L. Butler, Assistant Professor of Psychiatry.

Grant of $26,025 from the Oregon Heart Association, Portland, to provide three research grants for Dr. Richard E. Bailey, Dr. Donald G. Kassebaum, and Dr. Herbert E. Griswold, and also one post-doctoral fellowship for a designated individual.

Grant of $5,000 from the Research To Prevent Blindness, Inc., New York City, for the unrestricted use of the Department of Ophthalmology, under the direction of Dr. Kenneth C. Swan, Chairman of the Department.

Gift of $100 from Rexall Laboratories, St. Louis, Missouri, for use in the Medical School Hospital. The gift is in memory of Chester W. Anderson.
Gift of $100 from the Rexall Drug and Chemical Company, Executive Offices, Los Angeles, California, to the Medical School Hospital. The contribution was made in memory of Chester W. Anderson, a former vice president with this company.

Gift of $100 from Dr. Anthony J. J. Rourke, New Rochelle, New York, for the unrestricted use of the Medical School "to be spent at the Dean's discretion".

Bequest of $6,496,06 under the will of Lillian H. Schmidtke, deceased, for the unrestricted use of the Doerrbecher Memorial Hospital for Children, under the direction of Dr. Charles N. Holman, Medical Director.

Grant of $23,563 from the U. S. Army Medical Research and Development Command, Washington, D.C., June 30, 1962, to June 30, 1963, "in further support of research project on the human eccrine sweat gland", under the direction of Dr. Richard L. Dobson, Associate Professor of Dermatology.

Gift of $1,089.58 from the Vierani Family Fund for Charitable Purposes, through the U. S. National Bank, Portland, to be used for "purchase of supplies and medical accessories for medically indigent patients which could ordinarily not be provided for from hospital and clinic budgets".

Grants totaling $1,360,704 from the U. S. Public Health Service for research, training grants, a research center, and other purposes, effective July 1, 1962, through June 30, 1963, unless otherwise designated, as follows:

1. $51,725 - "Graduate Training Grant in Ophthalmology", under the direction of Dr. Kenneth C. Swan, Chairman of the Department of Ophthalmology.

2. $55,000 - Medical Student research training program, under the direction of Dr. John M. Brookhart, Chairman of the Graduate Council.

3. $25,000 - "Graduate Training Grant in Pediatrics", under the direction of Dr. Donald E. Pickering, Professor of Pediatrics.

4. $27,000 - "Graduate Training Grant in Biochemistry", under the direction of Dr. Howard S. Mason, Associate Professor of Biochemistry.
5. $8,532 - "In further support of Graduate Training Grant", under the direction of Dr. Daniel H. Labby, Professor of Medicine.

6. $23,187 - "Neurology Training Grant", under the direction of Dr. Roy Swank, Head of the Division of Neurology.

7. $781,106 - "For development and operation of cardiovascular research center", June 1, 1962, to May 31, 1963, under the direction of Dr. D. W. E. Baird, Dean of the Medical School, and Dr. Charles N. Holman, Medical Director.

8. $10,584 - "Graduate Training Grant in Psychiatry", under the direction of Dr. George Saslow, Chairman of the Department of Psychiatry.

9. $55,102 - "Graduate Training Grant in Physiology", under the direction of Dr. John M. Brookhart, Chairman of the Department of Physiology.

10. $13,712 - "Investigation of Pulmonary Ventilation and Mechanics of Breathing", under the direction of Dr. Brookhart.

11. $25,000 - "Undergraduate Training Grant in Psychiatric Nursing", under the direction of Miss Jean E. Boyle, Director of the School of Nursing.

12. $11,193 - "Graduate Training Grant in Psychiatry", under the direction of Dr. George Saslow, Chairman of the Department of Psychiatry.

13. $25,920 - "Graduate Training Grant in Psychiatry", under the direction of Dr. Saslow.

14. $17,280 - "Graduate Training Grant in Anatomy", under the direction of Dr. R. L. Bacon, Professor of Anatomy.

15. $26,654 - "Graduate Training Grant", under the direction of Dr. Daniel M. Bachman, Assistant Professor of Medicine.
16. $14,000 - "Graduate Training Grant", under the direction of Dr. Daniel H. Labby.

17. $64,500 - "Training Grant in Bacteriology", under the direction of Dr. Arthur W. Frisch, Chairman of the Department of Bacteriology.

18. $27,291 - "Graduate Training Grant in Medical Psychology", under the direction of Dr. Joseph D. Matarazzo, Chairman of the Department of Medical Psychology.

19. $5,002 - "Direct and Indirect Calorimetry of Newborn Animals", under the direction of Dr. Benjamin B. Ross, Associate Professor of Physiology.

20. $52,685 - "Graduate Training Grant in Dermatology", under the direction of Dr. Walter C. Lobitz, Jr., Head of the Division of Dermatology.

21. $26,520 - "Graduate Training Grant in Endocrinology", under the direction of Dr. Monte Greer, Head of the Division of Endocrinology.

22. $13,711 - "Research Career Development Grant", under the direction of Dr. Joseph Matarazzo.

Oregon State University

Scholarships

Gifts totaling $15,711.23 from the following donors for scholarships and fellowships:

The Dow Chemical Company, Pittsburg, California $ 2,500.00
Iron Fireman Manufacturing Company, Portland 300.00
The Firestone Tire & Rubber Company, Akron, Ohio 172.53
Mrs. H. H. Gibson, Corvallis 1,940.50
American Foundation for Pharmaceutical Education, Washington, D.C. 1,173.20
Electrical Women's Round Table of Portland 150.00
Gresham Union High School 240.00
Soroptimist Club of Glendale, Inc., Glendale, California 300.00
Lebanon Union High School 450.00
Coos County Alumnae Club, Pi Beta Phi, Coquille 100.00
Klamath Falls Business and Professional Women's Club 200.00
Oregon Section of the American Society of Civil Engineers, Portland 300.00
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American Cancer Society
Grant of $5,974 from the American Cancer Society, Oregon Division, Portland, for "Investigations on Cellular Adhesion of Epithelia in Epithelium-Endothelium and Epithelium-Connective Tissue Systems", July 1, 1962, through June 30, 1963, under the direction of Dr. Alfred Owczarzak, Associate Professor of Zoology.

American Petroleum Institute
Grant of $5,000 from the American Petroleum Institute, New York City, for research entitled, "Geophysical Methods for Determination of Basalt Flows Thickness, Oregon and Adjacent Areas", June 15, 1962, through June 14, 1963, under the direction of Dr. Joseph W. Berg, Professor of Oceanography.

Atomic Energy Commission
Grants totaling $147,626 from the Atomic Energy Commission, Richland, Washington, for research, training grants, equipment, and other purposes, as follows:

1. $27,658 - "Energy Conversion in Lower Trophic Levels in the Marine Environment", April 1, 1962, through March 31, 1963, under the direction of Dr. Herbert Curl, Jr., Assistant Professor of Oceanography.

2. $9,800 - "A Study of the Mechanism of Divalent Cation Uptake by Plants", June 1, 1962, through May 31, 1963, under the direction of Dr. David P. Moore, Assistant Professor of Soils.

3. $23,498 - "Accelerated Evolution in the Alkali Bee, Nomia melanderi, Through Irradiation", June 1 through December 31, 1962, under the direction of Dr. W. P. Stephen, Associate Professor of Entomology.

4. $1,003 - "Summer Institute Program Grant", summer of 1962, under the direction of Dean G. W. Gleeson of the School of Engineering.

5. $25,000 - "For acquisition of equipment to be used in a nuclear science and/or engineering program", May 18, 1962, through May 17, 1963, under the direction of Dr. C. H. Wang, Professor of Chemistry.

6. $46,667 - "Radioanalysis of Oceanic Organisms in the Pacific Ocean off Oregon", June 1, 1962, through May 31, 1963, under the direction of Dr. Wayne V. Burt, Chairman of the Department of Oceanography.
7. $14,000 - "Relation of Soil Properties to Chemical Reactions and Other Phenomena Involving Sulfur", June 1, 1962, through May 31, 1963, under the direction of Dr. Hoyle E. Harward, Associate Professor of Soils.

National Science Foundation Grants totaling $106,436 from the National Science Foundation, Washington, D.C., for research, equipment, institutes and other purposes, as follows:

1. $9,940 - "Undergraduate Instructional Scientific Equipment", May 4, 1962, through May 3, 1964, under the direction of Dr. D. G. Humphrey, Professor of General Science.

2. $21,740 - "Undergraduate Instructional Scientific Equipment", May 4, 1962, through May 3, 1964, under the direction of Dr. E. A. Yunker, Chairman of the Physics Department.

3. $15,100 - "Symbiotic Nitrogen Fixation in Ceanothus", June 15, 1962, through June 15, 1965, under the direction of Dr. C. T. Youngberg, Professor of Soils.

4. $450 - "Summer Institute in Chemistry for College Teachers", June 1 through September 30, 1962, under the direction of Dr. A. V. Logan, Professor of Chemistry.

5. $5,500 - "Biosynthesis of Terpenes", April 20, 1962, through April 19, 1963, under the direction of Dr. W. D. Loomis, Associate Professor, Science Research Institute.

6. $20,000 - "Chemical Aspects of Hormone Receptor Interaction", April 15, 1962, through April 14, 1964, under the direction of Dr. T. O. Fong, Associate Professor, Science Research Institute.

7. $33,706 - "Unrestricted for development of new research areas or augmenting current programs", June 21, 1962, through June 20, 1963, under the direction of Mr. Milosh Popovich, Dean of Administration.

Mrs. R. H. Rankin Gift of 97 volumes of miscellaneous books of early 20th century American fiction, valued at $104.50, from Mrs. Robert H. Rankin, Corvallis.

U. S. Air Force Office of Scientific Research Grant of $17,700 from the U. S. Air Force Office of Scientific Research, Washington, D. C., for the purchase of scientific equipment to be used in basic research in material science, June 30, 1962, through June 30, 1963, under the direction of Dr. K. W. Hedberg, Professor of Chemistry.

U. S. Army Chemical Center Grant of $94,700 from the U. S. Army Chemical Center, Maryland, for "Basic Animal Studies in Intoxication by Boranes and Other Propellants", May 15, 1962, through May 14, 1963, under the direction of Dr. C. H. Wang, Professor of Chemistry.
Grants totaling $149,442 from the U. S. Public Health Service for research, training grants, and other purposes, June 1, 1962, through May 31, 1963, unless otherwise specified, as follows:

1. $14,088 - "Biosynthesis and Metabolism of Terpenes", September 1, 1961, through August 31, 1962, under the direction of Dr. Vernon H. Cheldelin, Director, Science Research Institute.

2. $5,847 - "Acarines Infesting Central African Scarabaeidae", under the direction of Dr. G. W. Krantz, Associate Professor of Entomology.

3. $12,536 - "Biosynthesis of Essential Metabolites", under the direction of Dr. Cheldelin.

4. $22,839 - "Metabolism of Aerobic Bacteria", under the direction of Dr. Cheldelin.

5. $11,524 - "Fungitoxic Residues in Soil, Water, and Plants", May 1, 1962, through April 30, 1963, under the direction of Dr. Roy A. Young, Head of Botany and Plant Pathology.

6. $14,382 - "Location of Charge and Chemical Properties of Clays", under the direction of Dr. H. E. Harward, Associate Professor of Soils.

7. $500 - "Fellowship Grant for David F. Wilson", February 1, 1962, through January 31, 1963, under the direction of Dr. T. E. King, Professor of Chemistry.

8. $9,000 - "Biochemical Role of Univalent Cations", April 1, 1962, through March 31, 1963, under the direction of Dr. Harold J. Evans, Professor of Botany and Plant Pathology.

9. $5,131 - "Hydrostatic Pressure Effects on Metabolic Activities", June 1, 1962, through January 31, 1963, under the direction of Dr. R. Y. Morita, Associate Professor of Microbiology.

10. $10,620 - "Insect Physiology", July 1, 1962, through June 30, 1963, under the direction of Dr. V. H. Cheldelin.

11. $1,964 - "Study of Beggiaota Species", June 1 through October 31, 1962, under the direction of Dr. Richard Y. Morita, Associate Professor of Microbiology.

12. $24,511 - "Graduate Training in Public Health", July 1, 1962, through June 30, 1963, under the direction of Dean George W. Gleason of the School of Engineering.

13. $16,500 - "Biochemical Role of Univalent Cations", June 1, 1962, through March 31, 1963, under the direction of Dr. Harold J. Evans, Professor of Botany and Plant Pathology.
### Grants to the Agricultural Experiment Station

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

<table>
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<tr>
<th>Donor</th>
<th>Grant Amount</th>
<th>Project Description</th>
<th>Director/Professor</th>
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<tr>
<td>Amchem Products, Inc.</td>
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<td>&quot;Research in the Method of Analysis of Amino Triazole in Plants&quot;</td>
<td>Dr. V. H. Freed, Professor of Chemistry</td>
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<tr>
<td>American Cyanamid Company</td>
<td>$1,000</td>
<td>&quot;To support investigations of the use of Cyprex for control of various diseases of deciduous fruits&quot;</td>
<td>Dr. Norman D. Dobie, Associate Professor of Plant Pathology</td>
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<td>Boise Cascade Corporation</td>
<td>$400</td>
<td>&quot;Tests of Composite Floor Panels&quot;</td>
<td>Mr. Robert Kunesh, Instructor in Timber Mechanics</td>
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<tr>
<td>Bonneville Power Administration</td>
<td>$721</td>
<td>&quot;Preservative Treatments for and Residual Strength of Poles that Check in Service&quot;</td>
<td>Mr. Robert D. Graham, Associate Professor of Forest Products</td>
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<tr>
<td>Bureau of Land Management</td>
<td>$3,990.35</td>
<td>&quot;Animal Damage Control in Rehabilitation of Forest Lands&quot;</td>
<td>Dr. George H. Barnes, Professor of Forest Management</td>
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<tr>
<td></td>
<td>$2,500</td>
<td>&quot;Brush and Hardwood Control on Forest Lands&quot;</td>
<td>Dr. George Barnes</td>
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<td></td>
<td>$3,500</td>
<td>&quot;Artificial Reforestation and Rehabilitation of Forest Lands&quot;</td>
<td>Dr. Barnes</td>
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<tr>
<td>California Chemical Company</td>
<td>$500</td>
<td>&quot;Study of Arthropods Affecting Man and Animals&quot;</td>
<td>Dr. R. L. Goulding, Jr., Assistant Professor of Entomology</td>
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<td>Campbell Soup Company</td>
<td>$3,500</td>
<td>&quot;Research on the Problem of Inheritance of Growth Habit in Bush Beans&quot;</td>
<td>Dr. W. A. Frazier, Professor of Horticulture</td>
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<td>Cultures Incorporated</td>
<td>$3,200</td>
<td>&quot;Factors Involved in the Occurrence of the Slit-Open Defect in Cheddar Cheese&quot;</td>
<td>Dr. P. R. Elliker, Professor of Microbiology</td>
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<tr>
<td>Diamond Alkali Company</td>
<td>$1,000</td>
<td>&quot;Studies in the Use of Daclthal for Weed Control under Oregon Conditions&quot;</td>
<td>Dr. W. R. Furtick, Associate Professor of Agronomy</td>
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<td></td>
<td>$500</td>
<td>&quot;To support research on foliage and soil fungicides&quot;</td>
<td>Dr. N. D. Dobie, Associate Professor of Plant Pathology</td>
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<tr>
<td>The Dow Chemical Company</td>
<td>$2,000</td>
<td>&quot;Selective and Non-Selective Weed Control on Agronomic Crops and Non-Crop Lands and Factors Affecting Control Practices&quot;</td>
<td>Dr. W. R. Furtick</td>
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**July 24, 1962**

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<th>Organization</th>
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<th>Principal Investigator(s)</th>
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<td>Georgia-Pacific Corporation</td>
<td>$190</td>
<td>&quot;Screening and Cleaning of Long Fibered Pulp&quot;, under the direction of Mr. Robert M. Samuels, Assistant Professor of Pulp and Paper Chemistry.</td>
<td>Mr. Robert M. Samuels</td>
</tr>
<tr>
<td>W. R. Grace Company</td>
<td>$3,200</td>
<td>&quot;Evaluation of Fungicidal Properties of Silver&quot;, under the direction of Dr. M. E. Corden, Associate Professor of Plant Pathology.</td>
<td>Dr. M. E. Corden</td>
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<tr>
<td>National Council for Stream</td>
<td>$3,575</td>
<td>&quot;Water Quality Research at the Yaquina Bay Laboratory&quot;, under the direction of Mr. W. P. Breese, Assistant Professor of Fisheries.</td>
<td>Mr. W. P. Breese</td>
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<tr>
<td>Improvement</td>
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<tr>
<td>National Turkey Federation</td>
<td>$375</td>
<td>&quot;Improving Year Round Egg Production in Turkeys&quot;, under the direction of Dr. James A. Harper, Professor of Poultry Science.</td>
<td>Dr. James A. Harper</td>
</tr>
<tr>
<td>Naugatuck Chemical Company</td>
<td>$200</td>
<td>&quot;Evaluation of Fungicides for Control of Tree Fruit Diseases&quot;, under the direction of Dr. N. D. Dobie.</td>
<td>Dr. N. D. Dobie</td>
</tr>
<tr>
<td>Oregon State Game Commission</td>
<td>$1,250</td>
<td>&quot;Life History and Ecology of KoKanee, A Land Locked Red Salmon&quot;, under the direction of Dr. Donald W. Chapman, Assistant Professor of Fisheries.</td>
<td>Dr. Donald W. Chapman</td>
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<tr>
<td>Pacific Northwest Forest and</td>
<td>$4,999.34</td>
<td>&quot;Logging by Helicopter in the Pacific Northwest and Alaska&quot;, under the direction of Mr. John E. O'Leary, Associate Professor of Forest Engineering.</td>
<td>Mr. John E. O'Leary</td>
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<tr>
<td>Range Experiment Station</td>
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<tr>
<td>Pennsalt Chemicals Corporation</td>
<td>$1,500</td>
<td>&quot;Research on Possible Residues or Flavor Changes in Vegetable Crops from Use of the Soil Insecticide, V-C 13&quot;, under the direction of Mr. H. E. Morrison, Associate Professor of Entomology, and Dr. W. A. Frazier, Professor of Horticulture. The funds are to be distributed $1,000 to Entomology and $500 to Horticulture.</td>
<td>Mr. H. E. Morrison, Dr. W. A. Frazier</td>
</tr>
<tr>
<td>J. R. Simplot Company</td>
<td>$2,000</td>
<td>&quot;A Study of Off-Flavor Evaluation of Crops Treated with V-C 13&quot;, under the direction of Mrs. Lois Sather, Assistant Professor of Food Technology.</td>
<td>Mrs. Lois Sather</td>
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<tr>
<td>U.S.D.A. Market Quality Research</td>
<td>$600</td>
<td>&quot;Soil Fertility for Field Crops in the Willamette Valley&quot;, under the direction of Dr. T. L. Jackson, Professor of Soils.</td>
<td>Dr. T. L. Jackson</td>
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<td>Division</td>
<td>$60,000</td>
<td>&quot;For the Development of a System of Mechanizing Purity Analysis of Seed Crops&quot;, under the direction of Mr. Jesse E. Harmond, Professor of Agricultural Engineering.</td>
<td>Mr. Jesse E. Harmond</td>
</tr>
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</table>
Scholarships & Fellowships

Gifts totaling $766.67 from the following donors for scholarships and fellowships:

- Professional Engineers of Oregon Auxiliary, Portland $300.00
- The Autzen Foundation, Portland 300.00
- Confederated Tribes and Bands of the Yakima Indian Nation 166.67

National Science Foundation

Grants totaling $9,400 from the National Science Foundation, Washington, D. C., for research as follows:

1. $8,600 - Oscillatory Magnetic Properties of Impure Bismuth", May 24, 1962 to May 24, 1964, under the direction of Dr. Laird C. Brodie, Associate Professor of Physics.


National Institute of Mental Health

Grant of $3,116 from the National Institute of Mental Health, Bethesda, Maryland, for research entitled, "Studies of Psychological Similarity", December 1, 1961 to November 30, 1962, under the direction of Dr. John L. Wallen, Associate Professor of Psychology.

National Institutes of Health

Grants totaling $12,157 from the National Institutes of Health, Bethesda, Maryland, for research as follows:

1. $7,118 - "Benthic Faunal Indicators of Pollution in Coos Bay", September 1, 1961, through August 31, 1962, under the direction of Dr. James A. Macnab, Professor of Biology.

2. $5,039 - "Control of Biosynthesis of Dehydroorotic Dehydrogenase", May 1, 1962, through April 30, 1963, under the direction of Dr. W. Herman Taylor, Assistant Professor of Biology.

U. S. Public Health Service

Grants totaling $5,177 from the U. S. Public Health Service, September 1, 1961, through September 1, 1962, for research as follows:

1. $2,740 - "Water Pollutants Determinable by Gas Chromatography" under the direction of Dr. James W. Ferguson, Professor of Chemistry.

2. $2,437 - "Heavy Metal Poisons in Waters and Industrial Wastes", under the direction of Dr. Clyde R. Johnson, Professor of Chemistry.
Oregon College of Education

Scholarships & Fellowships
Gifts totaling $2,244 from the following donors for scholarships and fellowships:

- Lebanon High School Clubs: $125.00
- American Association of University Women, Redding Branch, Redding, California: $100.00
- Crown Zellerbach Foundation, San Francisco, California: $225.00
- Oregon Congress of Parents and Teachers, Inc., Portland: $1,794.00

U. S. Atomic Energy Commission
Grant of $1,300 from the U. S. Atomic Energy Commission for the acquisition of equipment to be used in a Science-Mathematics program under the direction of Dr. Ernie L. Cummins, Associate Professor of Science and Science Education.

The National Science Foundation
Grant of $5,250 from the National Science Foundation, Washington, D.C., to support an "In-Service Institute in Mathematics for Elementary School Teachers", under the direction of Dr. Ernie L. Cummins.

The Ford Foundation through State Dept. of Education
Grant of $101,748 from The Ford Foundation through the Oregon State Department of Education, to support the proposal for improvement of instruction and/or teacher education in keeping with the principles and provisions set forth in "The Oregon Program - A Design for the Improvement of Education", July 1, 1962, through June 30, 1966, under the direction of Dr. Walter E. Snyder, Director of Teacher Education.

U. S. Dept. of Health, Education and Welfare
Grants totaling $142,564 from the U. S. Department of Health, Education and Welfare, Office of Education, for research, salaries, student loans, and scholarships as follows:

1. $40,848 - National Defense Student Loan Program for the 1962-63 school year.

2. $7,440 - "To pay the salary of one teacher", July 1, 1962 through June 30, 1963, under the direction of Dr. Walter E. Snyder, Director of Teacher Education. This grant is in connection with the Teacher Training for the Deaf.

3. $22,640 - Scholarships for six graduates in connection with Deaf School Trainees Scholarships, July 1, 1962, through June 30, 1963, under the direction of Dr. Walter E. Snyder.

4. $9,049 - "Directed Discovery Versus Programmed Instruction: A Test of a Theoretical Position Involving Educational Technology", January 1, 1962, through June 30, 1963, under the direction of Dr. Bert Y. Kersh, Associate Research Professor.

6. $2,875 - "Group Versus Individual Pacing in Programmed Instruction", December 1, 1961, through December 1, 1962, under the direction of Mr. Charles H. Frye, Research Assistant.

7. $44,129 - "Motion Pictures as Test Stimuli: An Application of New Media to the Prediction of Complex Behavior", September 1, 1962, through August 31, 1964, under the direction of Dr. Henry D. Schalock, Associate Professor and Project Supervisor, Oregon State University.

Eastern Oregon College

Elgin PTA

Gift of $250 from the Elgin Parent-Teacher Association to provide a scholarship for a deserving student for the 1962-63 school year.

General Extension Division

Scholarships & Fellowships

Gifts totaling $1,250 from the following donors for scholarships and fellowships:

- Oregon State Board of Aeronautics, Salem $ 500.00
- Crown-Zellerbach Foundation, San Francisco, California 750.00

Delta Sigma Theta Sorority

Gift of $1,400 from Delta Sigma Theta Sorority, Inc., Washington, D.C., "To underwrite part of the expenses incurred in operating a one week Delta Sigma Theta Workshop from August 13, 1962, through August 17, 1962, and provide funds for the granting of scholarships", under the direction of Dr. Daniel W. Fullmer, Director of the Portland Center.

National Science Foundation

Grants totaling $21,420 from the National Science Foundation, Washington, D.C., for training programs, as follows:

1. $11,420 - "A Summer Science Training Program for Secondary School Students", January 27 through June 1, 1962, under the direction of Dr. Robert L. Broussard, Professor of Mathematics.

2. $10,000 - "Sumner Conference on Modern Mathematics for College Instructors of Future High School Teachers", January 16 to September 30, 1962, under the direction of Dr. Daniel W. Fullmer, Director of the Portland Center.
Meeting #306-95

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

Grant of $56,840 from the U. S. Department of Health, Education and Welfare, January 2 through October 2, 1962, "to provide training to improve the qualifications of personnel engaged in or preparing to engage in the counseling and guidance of students in secondary schools", under the direction of Dr. Daniel W. Fullmer.

ADJOURNMENT

The meeting adjourned at 11:05 A.M., P.S.T.

Wm. E. Walsh, President
Earl M. Pallett, Secretary
# Proposed Three Year Medical Technology Curriculum

**Oregon Technical Institute**

## First Year

<table>
<thead>
<tr>
<th>First Term:</th>
<th>Lec.</th>
<th>Lab</th>
<th>Credit</th>
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<td>Sc 104</td>
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<td>Sc 112</td>
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## Second Year

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<td>MA 221</td>
<td>Pathogenic Bacteriology</td>
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<tr>
<td>MA 305</td>
<td>Special Laboratory Technique I</td>
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<td>MA 306</td>
<td>Medical Mycology</td>
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<td>MA 307</td>
<td>Biochemistry</td>
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<tr>
<td>MA 308</td>
<td>Serology</td>
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<tr>
<td>SSc 205</td>
<td>Human Relations</td>
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### Eighth Term:

<table>
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<th>Course</th>
<th>Description</th>
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<th>Lab.</th>
<th>Credit</th>
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<tbody>
<tr>
<td>MA 311</td>
<td>Special Laboratory Technique II</td>
<td>2</td>
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<td>MA 312</td>
<td>Advanced Pathogenic Bacteriology</td>
<td>3</td>
<td>6</td>
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<td>MA 313</td>
<td>Human Helminthology</td>
<td>2</td>
<td>6</td>
<td>4</td>
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<tr>
<td>MA 314</td>
<td>Urinalysis</td>
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### Ninth Term:

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<tr>
<td>MA 320</td>
<td>Advanced Hematology</td>
<td>2</td>
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<tr>
<td>MA 321</td>
<td>Quantitative Chemistry</td>
<td>2</td>
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<tr>
<td>MA 322</td>
<td>Clinical Serology</td>
<td>2</td>
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<tr>
<td>SSc 206</td>
<td>Human Adjustment</td>
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</tbody>
</table>

Total Credit Units in Curriculum -- 147 Term Hours

### SUMMARY OF CURRICULAR CHANGES

#### New Courses

Five courses which are not presently offered at Oregon Technical Institute are recommended in the proposed three year curriculum.

**Medical Associates Division**

<table>
<thead>
<tr>
<th>Course</th>
<th>Lec.</th>
<th>Lab.</th>
<th>Credit</th>
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<tbody>
<tr>
<td>MA 102. General Zoology I.</td>
<td>3</td>
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<td>4</td>
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</tbody>
</table>

An introduction to invertebrate zoology with reference to structure, physiology, heredity, distribution and evolution and development of the major invertebrate animals. Prerequisite: Sc 103.
MA 104. General Zoology II.
An introduction to vertebrate zoology with emphasis on the structure, function, development, principles of gross and comparative anatomy, and history of the vertebrate body. Prerequisite: MA 102.

MA 306. Medical Mycology.
A study of the morphological and cultural characteristics of the fungi. Laboratory emphasis in the field pertaining to the medical laboratory. Prerequisite: MA 221.

Allied Arts and Sciences Division

Sc 114. General Chemistry III.
Continuation of Sc 113 with an introduction to the theories and techniques of gravimetric and volumetric methods of analysis. Emphasis is on the volumetric methods of alkalimetry and aciditymetry. Prerequisite: Sc 113.

Sc 120. Fundamentals of Radiation Physics
Basic physical concepts and laws relevant to the principles of spectrometry and radioactivity including use of radiation detection equipment as pertains to the medical laboratory.

Course Changes

The following changes in course titles, numbers, and credit are recommended to present more precise identification of course content. Changes result in a net increase in credit of three hours.

Sc 103. General Biology
(Formerly Sc 103. Zoology.
4 hrs. credit.)
A consideration of the important biological principles. The functional aspects of living organisms will be stressed. Some areas of study will be the origin and organization of living matter, the unity of living things through the integration of plant and animal morphology, function, evolution of organ systems, photosynthesis, heredity and its evolutionary implications.

(Formerly Sc 115. Introductory Organic Chemistry. 3 hours credit.)
A qualitative approach to the principles of the chemistry of carbon compounds and their application to the aliphatic and aromatic hydrocarbons and their principal derivatives. Compounds of biological importance are stressed. Prerequisite: Sc 114.

MA 106. Introduction to the Clinical Laboratory
(Formerly MA 106. Instrumental Analysis. 2 hours credit.)
The principles, theories, and procedures of installation and techniques of operation and maintenance of precision equipment of the clinical laboratory as well as medical ethics.
MA 207. Introduction to Immunology  
(Formerly MA 105. Immunology.  
4 hours credit.)

An introduction to immune bodies and their reactions, blood grouping in  
general, antibody-antigen combinations, and complement-fixation examination  
of blood and spinal fluid, with specialized quantitative techniques and assigned  
readings. Prerequisite: Sc 112.

MA 208. General Bacteriology.  
(Formerly MA 113. Microbiology.  
5 hours credit.)

Introduction to classification, morphology, and physiology of bacteria,  
fungi and viruses that are of value to man. Laboratory preparation of media,  
sterilization and practice in culturing and observation of micro-organisms.  
Prerequisite: Sc 103.

MA 209. Parasitology.  
(Formerly MA 112. Parasitology.  
4 hours credit.)

Study of life cycles, morphology, etiology, and laboratory diagnosis of  
animal parasites found in or on man. The biological relationships of parasite  
and host and the effect of such relationships are considered. Prerequisite:  
MA 104.

MA 218. Histology.  
(Formerly MA 201. Microtechnique.  
3 hours credit.)

The morphology and function of human cells, tissues and organs. Emphasis  
is placed on morphological identification; preparation of tissues for micro- 
scopical examination; methods of fixing, sectioning, staining and mounting.  
Prerequisite: MA 145.

MA 219. Clinical Hematology.  
(Formerly MA 205. Clinical  
Hematology. 4 hours credit.)

A study and correlation of qualitative and quantitative examination  
procedures and interpretations of the bone marrow and peripheral system,  
abnormal cell maturation, coagulation system, and special quantitative  
aspects of the erythrocytic and leukocyte systems. Prerequisite: MA 103.

MA 220. Clinical Chemistry.  
(Formerly MA 111. Clinical  
Chemistry. 4 hours credit.)

Common methods of colorimetric, photometric and titrating analysis.  
Various types of solutions (normal, molar, percentage, milliequivalents),  
their preparations and standardizations, and the analytical balance are  
employed with reference to human blood and other body fluids. Prerequisite:  
Sc 114, 215.
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<tr>
<th>Course</th>
<th>Description</th>
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</table>
| MA 221. | Pathogenic Bacteriology.  
|         | (Formerly MA 206. Clinical Bacteriology. 4 hours credit.)                  |
|         | Study of pathogenic bacteria of man considering: means of isolation,        |
|         | morphology, identification, and special culturing procedures. Laboratory  |
|         | practice covers isolation, identification and general clinical features of   |
|         | infectious agents stressing clinical work with pathogenic specimens. Bacterial |
|         | counts on milk and water, antibiotic assays and sensitivity tests are        |
|         | included. Prerequisite: MA 208.                                             |
| MA 222. | Medical Protozoology.  
|         | (Formerly MA 215. Medical Protozoology. 4 hours credit.)                    |
|         | The study of Protozoa in general and those of concern to man including:    |
|         | classification, life cycles, morphology, laboratory procedures for diagnosis |
|         | of Protozoa, staining and culturing of live material. Prerequisite: MA 209.  |
| MA 301. | Laboratory Investigational Problems (Hours to be arranged.)               |
|         | (Formerly MA 292. Laboratory Investigational Problems. Hours to be arranged.) |
|         | With consent of the staff, experimental work may be conducted by the       |
|         | student in connection with the medical laboratory technology curriculum.    |
|         | When possible, the research project must be completed with the final results |
|         | presented in manuscript form. Prerequisite: Student must have completed     |
|         | MA 200 subjects and be in upper division standing.                         |
| MA 305. | Special Laboratory Techniques I.  
|         | (Formerly MA 107. Special Laboratory Techniques. 2 hours credit.)          |
|         | Pregnancy testing, semen appraisal, basal metabolism test, electrocardio-  |
|         | graphs, and the use and care of instruments involved. Prerequisite: MA 145. |
|         | (Formerly MA 214. Biochemistry. 4 hours credit.)                           |
|         | Lectures, assigned readings and laboratory procedures on carbohydrates,     |
|         | proteins, fats, and various drug assays that are used in medical sciences.  |
|         | Prerequisite: MA 220.                                                      |
| MA 308. | Serology.  
|         | (Formerly MA 224. Serology. 5 hours credit.)                               |
|         | Serological techniques and interpretation of the following approved         |
|         | U.S. Public Health and Oregon State Department of Health tests: V.D.R.L.,   |
|         | Mazzini, Kline, A.P.H.A., Microfloculation and Kahn. Qualitative and         |
|         | quantitative procedures with their variations are considered. Prerequisite:  |
|         | MA 207.                                                                  |
MA 311. Special Laboratory Technique II.  
(Formerly MA 202. Special Laboratory Technique. 3 hours credit.)

A continuation of MA 305 stressing principles, procedures and interpretations of the various tests employed. Prerequisite: MA 305.

MA 312. Advanced Pathogenic Bacteriology.  
(Formerly MA 216. Advanced Pathogenic Bacteriology. 4 hours credit)

Advanced study of infectious processes stressing the inter-relationships of specialized techniques, diagnostic sera, and antigen used for means of identifying pathogenic organisms. Autogenous vaccines and specialized diagnostic tests are considered. Advanced principles of the life activities, growth and morphology of bacteria, fungi, and viruses are considered. Prerequisite: MA 208, 221.

MA 313. Human Helminthology.  
(Formerly MA 225. Human Helminthology. 4 hours credit.)

The helminths in general and of man including: classification, life cycle, morphology, procedures of laboratory diagnosis, specialized techniques for means of identification and emphasis on staining and mounting procedures. Individual research problems are carried out. Prerequisite: MA 209.

MA 314. Urinalysis.  
(Formerly MA 226. Urinalysis. 4 hours credit.)

Study of structure and physiology of the excretory system of man, and principles, theories, procedures, and interpretations of qualitative and quantitative chemical, physical, and microscopic tests of urine. Prerequisite: MA 145.

MA 320. Advanced Hematology.  
(Formerly MA 301. Hematological Dyscrasias. 5 hours credit.)

Classification, physiology, laboratory findings, correlation of laboratory results, and specialized techniques regarding blood disorders of various types (involving anemias and leukemias) are studied and practiced. With the consent of the instructor the student may conduct special projects. Prerequisite: MA 219.

MA 321 Quantitative Chemistry.  
(Formerly MA 303. Spectrophotometric Chemistry. 5 hours credit.)

Lectures and laboratory on the use of instruments in quantitative analysis, standardization of instruments, volumetric preparations, calibration curves and tables, principles of and techniques in absorption spectrophotometry, fluorometry, potentiometry, electrophoresis, flame photometry. Laboratory emphasis in the clinical laboratory field. Prerequisite: MA 307.
MA 322. Clinical Serology.
(Formerly MA 304. Clinical Serology. 5 hours credit.)

Blood grouping, ABO system, Rh-Hr system (qualitative and quantitative), blood antigens and antibodies (subgroups with Rh-Hr included) of the blood and serum of man. Prerequisite: MA 308.