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REGULAR MEETING OF THE BOARD OF REGENTS
OF THE UNIVERSITY OF WISCONSIN

Madison, Wisconsin

Held in the President's Office

Friday, September 9, 1960, 9 A.M.

Continued on

Saturday, September 10, 1960

President Steiger presiding

PRESENT: Regents Bassett, DeBardleben, Friedrich, Gelatt, Jensen, Rennebohm, Steiger, Werner. (Regents Gelatt and Rennebohm entered the meeting at 9:35 A.M.)

ABSENT: Regents Konnak and Watson.

The Secretary presented the following recommendations for correction of the minutes of the regular meeting of the Board of Regents of the University of Wisconsin held on July 8, 1960:

- (a) That the title of Gale Vandenberg appearing on page 12 of the Regent minutes of July 8, 1960, be corrected from Associate Professor to Professor.
- (b) That the title of Alfred Kadushin appearing on page 12 of the Regent minutes of July 8, 1960, be corrected from Associate Professor to Professor.
- (c) That the phrase "in which there was a shortage", be corrected to read "in which there was not a shortage", where it appears in the second sentence in the second full paragraph on page 3 of the Regent minutes of July 8, 1960.

Upon motion of Regent Werner, seconded by Regent DeBardleben, it was VOTED, That the minutes of the regular meeting of the Board held on July 8, 1960, as corrected in accordance with the above recommendations of the Secretary, be approved as sent out to the Regents; and that the minutes of the meeting of the Executive Committee held on July 26, 1960, as sent out to the Regents, be approved, ratified and confirmed.

REPORT AND RECOMMENDATIONS OF THE PRESIDENT
OF THE UNIVERSITY

Upon motion of Regent Bassett, seconded by Regent Jensen, it was VOTED, That the gifts and grants listed in EXHIBIT A and EXHIBIT A-1 be accepted; and that the Vice President - Business and Finance be authorized to sign the agreements.

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Upon motion of Regent Werner, seconded by Regent DeBardeleben, it was VOTED, That the actions taken by the President of the University since the last meeting of the Regents, relating to appointments, resignations, leaves of absence, and change of status of personnel with rank less than that of Associate Professor, which are included in the file of employment forms presented at this meeting, and the non-resident tuition remissions, be approved, ratified, and confirmed.

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ADDITIONAL RECOMMENDATIONS OF THE PRESIDENT
OF THE UNIVERSITY

Upon motion of Regent Werner, seconded by Regent Bassett, it was VOTED, That the bequest by the late William Henry Dawson, of the City of Milwaukee, Wisconsin, of a violin, violin bows, and violin music, be accepted by The Regents of The University of Wisconsin, successor to Wisconsin State College (formerly Milwaukee State Teachers' College), in memory of his daughter, Marjory Stuart Menzies Dawson, in accordance with the terms and conditions of the Last Will and Testament of William Henry Dawson, Deceased; and that the Secretary, or Assistant Secretary, be authorized to sign a receipt for this bequest in the name of The Regents of The University of Wisconsin.

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Upon motion of Regent Werner, seconded by Regent Friedrich, it was VOTED, That the bequests of the late William Harold Peterson, Madison, Wisconsin, Professor Emeritus of Biochemistry, University of Wisconsin, the income of which is to be used for graduate fellowships at the University of Wisconsin in the Departments of Biochemistry, Agricultural Bacteriology and Home Economics, be accepted in accordance with the terms and conditions of the Last Will and Testament of William Harold Peterson, Deceased; and that the Secretary, or Assistant Secretary, be authorized to do all things necessary, in the name of The Regents of The University of Wisconsin, to effect the transfer of these bequests to the University of Wisconsin.

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Upon motion of Regent DeBardleben, seconded by Regent Friedrich, it was VOTED, That the bequest by the late Mary C. Richards, Madison, Wisconsin, to The Regents of The University of Wisconsin, in memory of her late husband, Harry S. Richards, former Professor and Dean of the University of Wisconsin Law School, be accepted by The Regents of The University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Mary C. Richards, Deceased; that the income from this bequest be used to purchase books for the Library of the University of Wisconsin Law School; and that the Secretary, or Assistant Secretary, be authorized to do all things necessary in the name of The Regents of The University of Wisconsin to effect the transfer of this bequest to the University of Wisconsin.

Upon motion of Regent Jensen, seconded by Regent Werner, it was VOTED, That \$100,000.00 furnished by the Office of Education, Department of Health, Education and Welfare, Washington, D.C., be accepted as the Federal capital contribution for the continuation of the National Defense Student Loan Fund at the University of Wisconsin and its Extension Centers, to be administered in accordance with the provisions of Title II of Public Law 85-864, and that \$3,396.00 from the Student Loan Fund Interest Account and \$7,715.00 from the President's Special Fund (Trust) be allotted to the National Defense Student Loan Fund, representing the one-ninth (1/9th) contribution by the University required by the terms of the program.

Upon motion of Regent DeBardleben, seconded by Regent Friedrich, it was VOTED, That, in the event the student enrollment for the first semester of 1960-61 results in an increase in estimated receipts from student fees for 1960-61, the Executive Committee be authorized to act for the Board in requesting the Board on Government Operations to approve an appropriate increase in the expenditure ceiling in the 20.830(401) General Operation appropriation for the fiscal year 1960-61, and that the Executive Committee be authorized to approve an increase in the 1960-61 operating budget by the amount of such additional student fee receipts, to be credited to President's Unassigned.

President Elvehjem presented the 1961-63 Proposed Legislative Budget Requests, for which schedules and explanatory material had been sent to each Regent in advance of the meeting. President Elvehjem presented a statement in explanation of the proposed budget requests for operation of the University for the 1961-63 biennium (see EXHIBIT C attached).

Regents Gelatt and Rennebohm entered the meeting at 9:35 A.M.

Following the presentation by President Elvehjem, Professor William H. Young conducted a discussion of the major categories of the 1961-63 proposed budget requests, including detailed explanations of the increases being requested for various activities. The discussion included many questions by individual Regents relating to details of the proposed budget requests, with answers being furnished by members of the administration.

The meeting was recessed at 12:15 P.M. for lunch.

The meeting reconvened at 1:45 P.M. with
President Steiger presiding.

PRESENT: Regents Bassett, DeBardeleben, Friedrich, Gelatt, Rennebohm, Steiger, Werner. Regent Jensen re-entered the meeting at 2:45 P.M.

ABSENT: Regents Konnak and Watson.

The discussion of details of the 1961-63 Proposed Legislative Budget Requests was continued.

Regent Jensen re-entered the meeting at 2:45 P.M.

Upon conclusion of this discussion the recommendation for approval of the 1961-63 Legislative Budget Requests was presented. Upon motion of Regent Jensen, seconded by Regents DeBardeleben and Rennebohm, it was

VOTED, That, upon the recommendation of the President of the University, the biennial budget estimates for the University of Wisconsin for the period of July 1, 1961 to June 30, 1963, as contained in the schedules presented to the Board, be approved, and that the request for appropriations of State Tax Funds totalling \$34,572,008 for the fiscal year 1961-62 and \$38,559,120 for the fiscal year 1962-63 be revised to reflect an upward revision in enrollment in the amount of \$200,000 for 1961-62 and \$300,000 for 1962-63, less estimated student fees, and that the amount budgeted for Research be increased by \$30,000 for each year of the biennium, and that the budget so revised be approved for presentation to the Coordinating Committee for Higher Education.

Regent Bassett was present but not voting on the above motion.

Professor William H. Young briefly explained the 1961-63 Proposed Hospitals Budget, for which the schedules and explanatory material had been sent to each Regent in advance of this meeting. Upon motion of Regent Werner, seconded by Regent Bassett, it was

VOTED, That, upon the recommendation of the President of the University, the biennial budget estimate for the University Hospitals for the period July 1, 1961

to June 30, 1963, as contained in the schedules presented to the Board, be approved, and that the estimated appropriations of State Tax Funds of \$2,282,370 in 1961-62 and \$2,282,370 in 1962-63 be approved for presentation to the Governor.

Regent Jensen commended Professor Young and the members of the University staff who had worked on the preparation of the 1961-63 budget requests for this excellent and understandable budget they had created for the consideration of the Regents. Regent Rennebohm concurred in Regent Jensen's commendation. Professor Young stated that this had been the fullest and most complete discussion of a University budget that he had ever experienced. President Steiger expressed the appreciation of all the Regents for the work done by Professor Young and the members of the staff in preparing and presenting the proposed budget requests.

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At the suggestion of President Elvehjem, President Steiger ordered that the balance of the report and recommendations of the President of the University be deferred until later in the meeting (in order to permit the holding of committee meetings on this day prior to the conclusion of this Regent meeting).

Vice President Peterson presented the recommendations and report of the Vice President - Business and Finance.

Upon motion of Regent Werner, seconded by Regent Bassett, it was VOTED, That recommendation No. 1., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Werner, seconded by Regent Friedrich, it was VOTED, That recommendation No. 2., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Gelatt, seconded by Regent Rennebohm, it was VOTED, That recommendation No. 3., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Jensen, seconded by Regent Friedrich, it was VOTED, That recommendation No. 4., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Bassett, seconded by Regent DeBardeleben, it was VOTED, That recommendation No. 5., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Gelatt, seconded by Regent Friedrich, it was VOTED, That recommendation No. 6., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Regent Werner moved the adoption of recommendation No. 7., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), and the motion was seconded by Regent Gelatt. Vice President Peterson reported on the operation of the buses on the University campus during 1959-60. The question was put on the motion and it was voted.

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Upon motion of Regent Gelatt, seconded by Regent Rennebohm, it was VOTED, That recommendation No. 8., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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Upon motion of Regent Rennebohm, seconded by Regent Friedrich, it was VOTED, That recommendation No. 9., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

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The Vice President - Business and Finance presented, for the information of the Regents, Report of Actions Taken by the State Building Commission on July 18, 1960, Affecting the University (see Item II. of the Recommendations and Report of the Vice President - Business and Finance, EXHIBIT B attached).

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The Vice President - Business and Finance presented, for the information of the Regents, Reports of Actions Taken by the State Building Commission on August 22, 1960, Affecting the University (see Item III. of the Recommendations and Report of the Vice President - Business and Finance, EXHIBIT B attached).

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Upon motion of Regent DeBardleben, seconded by Regent Gelatt, it was VOTED, That the Reports of Actions Taken numbered IV., V. and VI., listed under the Recommendations and Report of the Vice President - Business and Finance (EXHIBIT B attached), be approved, ratified and confirmed.

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The Vice President - Business and Finance presented, for the information of the Regents, a report of Lease Agreements - Space - Madison and Milwaukee (pursuant to Regent authorization of June 7, 1960) (see Item VII. of the Recommendations and Report of the Vice President - Business and Finance, and Exhibit B-2 appended to EXHIBIT B attached).

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The Vice President - Business and Finance presented, for the information of the Regents, a Report of Actions Taken (pursuant to Regent authorization of March 14, 1942) (see Item VIII. of the Recommendations and Report of the Vice President - Business and Finance, and Exhibit B-1 appended to EXHIBIT B attached).

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The Vice President - Business and Finance presented the report of budget transfers from July 19, 1960 through July 27, 1960, for the information of the Regents. (See Exhibit B-3 appended to EXHIBIT B attached)

President Elvehjem distributed, for the information of the Regents, copies of a Report on University Business Operations, 1949-50 - 1959-60. The report was explained by Vice President Peterson.

President Steiger presented an invitation from the President of St. Louis University, St. Louis, Missouri, inviting a representative from the Regents of the University of Wisconsin to attend a conference of the American Assembly of Federal Government and Higher Education on the subject of "Federal Government and Higher Education" to be held on October 27 through October 30, 1960, to be attended by representatives from twelve midwest states.

For the purpose of holding Regent Committee meetings,
the meeting recessed at 4:30 P.M., to be reconvened
at 9 A.M. on September 10, 1960

The meeting reconvened at 9:05 A.M. on
Saturday, September 10, 1960, with
President Steiger presiding.

PRESENT: Regents Bassett, DeBardeleben, Friedrich, Gelatt, Jensen, Rennebohm,
Steiger, Werner.

ABSENT: Regents Konnak and Watson.

President Elvehjem continued with the presentation of his recommendations.

President Elvehjem reported on the 1960-61 University Building Program recommended by the State Building Commission. He stated that copies of the memorandum dated August 19, 1960, and presented on August 22, 1960, to the State Building Commission by the Executive Committee of the Coordinating Committee for Higher Education, and copies of the report of the Commissioner of Administration to the State Building Commission on August 22, 1960, had been sent to each Regent with the agenda for this meeting. He reported that the State Building Commission held an introductory meeting on the State Building Program on July 18, 1960; and that the meeting of the State Building Commission on August 22, 1960, included a further study of the proposed building programs of all state departments and authority to proceed with analysis sketches. The program for the University includes seven major projects at Madison and two at Milwaukee, for a total of nine projects, at an estimated cost of from twenty-two million to twenty-five million dollars. President Elvehjem stated that he was encouraged to find that there is a definite program being sponsored by the State Building Commission for the construction of academic buildings for the

University in the next biennium. President Steiger stated that he assumed that the Regents had all read the two reports which had been sent to them and were aware of the fact one of the questions raised in the report of the State Building Commission by the Commissioner of Administration had to do with the size of the University at Madison. He noted that this problem is also being studied by the Special Regent Committee on Future Development of the University.

President Elvehjem presented the following recommendation:

That the revised final plans and specifications for the Gymnasium Unit #1 be approved; and that authority be granted to advertise for bids.

State Architect Karel Yasko explained that the plans for the Gymnasium Unit #1 had been revised to meet the request of the State Building Commission that the space in this facility to be used for the Physical Education Program be increased and the space for the Intercollegiate Athletic Program decreased. The changes involved removal of the crew rowing tanks and some locker space for the crew, and the elimination of locker space and attendant space for gymnastics. He stated that 10,665 square feet of space was changed from intercollegiate athletics to physical education usage, of which about 8,000 square feet comprised floor space and the balance locker space. He noted that the State Building Commission had requested that the originally planned seating for the natatorium be reduced to 500 capacity. He stated that the State Building Commission agreed that it would not be necessary to make this deduction in seating because of the explanation that other space would have to be found to house the mechanical facilities which were planned for under the originally planned seating.

Regent Gelatt moved the adoption of the above recommendation, the motion was seconded by Regent Bassett, and it was voted.

President Elvehjem presented the following recommendation:

That the preliminary sketches for the Mathematics Building be approved; and that authority be granted to prepare the preliminary plans and specifications.

State Architect Yasko presented a model of a portion of the campus between University Avenue and Lake Mendota and east of Charter Street, on which were located models of existing buildings, a model of the proposed Social Studies Building, and of the proposed Mathematics Building development. He stated that many problems were involved in developing the proposed Mathematics Building facilities, and that the architects, John J. Flad and Associates, had considered many possibilities before arriving at the one being presented. Mr. Yasko stated that he believed the solution to be a superb one. He noted that the principal problems in developing the area for

the Mathematics Building southwest of Bascom Hall and northeast of Sterling Hall were the great slope of the ground, the area being surrounded by other buildings, and the difficulty of bringing in large amounts of fill. He showed the location of the tower portion of the Mathematics Building, which would be occupied by offices, and explained the use of the plaza area, between the tower and Sterling Hall, which would be occupied by reading room, lecture rooms, classrooms, and laboratories, with part of the latter being below ground. He indicated that the tower portion, while dominating the top of the hill and designing it as such from a distance, nevertheless would not offend the appearance of Bascom Hall. Mr. Yasko introduced Mr. Joe Flad of John J. Flad and Associates who explained the model of the proposed Mathematics Building development to the Regents. The majority of the Regents then left the meeting for an inspection of the site of the proposed Mathematics Building.

Upon the return of the Regents from the inspection of the site of the proposed Mathematics Building, Mr. Flad continued the explanation of the plan. He showed the site plan and a perspective of the development from the west, noting that the tower portion is an office building structure. He showed cross-section plans of the buildings and the plaza. He showed floor plans of the plaza area, with the reading room in the top level of each of the three sub-plaza levels containing lecture rooms and classrooms, of the below-ground level for physics laboratories and offices, and of a typical floor of the tower containing offices for faculty and graduate assistants. The sketch of the south elevation of the development was also shown.

In answer to questions by the Regents, information was furnished relating to the handling of storm water and snow from the plaza area, to the amount of space as distributed between classrooms, lecture rooms, and offices, to the type of exterior treatment of the tower to harmonize with surrounding buildings, and to the possibility of reversing the floor arrangement in the tower building to reduce possible light interference with the use of telescopes on Sterling Hall.

Regent Gelatt moved the adoption of the above recommendation and the motion was seconded by Regent DeBardeleben.

Regent Jensen left the meeting at 10:25 A.M.

In answer to a question as to what department will occupy the offices in the tower portion of the Mathematics Building, President Elvehjem stated that they eventually would be used mostly by the Mathematics Department, but that some other office usage would be made of part of the offices until they are all required by the Mathematics Department.

The question was put on the motion and it was voted.

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President Elvehjem presented the following recommendation:

That the proposed Mathematics Building be named "Edward Burr Van Vleck Hall," in honor of Edward Burr Van Vleck, Instructor

(Cont.)

in Mathematics from 1893 to 1895 and Professor of Mathematics from 1906 until his retirement as Professor Emeritus in 1929.

It was suggested that some of the writings of Professor Van Vleck be placed in the cornerstone of the proposed building.

Regent Friedrich moved the adoption of the above recommendation, the motion was seconded by Regent Bassett, and it was voted.

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President Elvehjem presented the following recommendation:

That the plans, dated August 22, 1960, for the Observatory Hill Overlook, be approved.

Dean Wendt showed a plot plan of the proposed Observatory Hill Overlook and a sketch showing the north elevation. He explained that the north side of Observatory Drive had been widened to provide limited parking in this area. He showed a proposed walk north, and at a lower level, from the present walk, on the north side of Observatory Drive west of Elizabeth Waters Hall, with plantings and seats. He noted that a small overlook platform might be provided north of the lowered walk, if funds are available. President Elvehjem stated that if this project is constructed, it will be done with gift funds. Dean Wendt noted that this is part of the overall plan for the lakeshore development, which the Regents had previously approved in principle with the understanding that the specific plans for each portion of the development would be brought to them for approval.

Regent Bassett moved the adoption of the above recommendation, the motion was seconded by Regent Gelatt, and it was voted.

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President Elvehjem presented the following recommendation:

That, subject to investigation of the service utilities and with the understanding that the National Institutes of Health will be asked to finance the land costs as well as the whole cost of the building, the area immediately west of the present Primate Laboratory be approved as the site of a Regional Primate Laboratory; and that, subject to the availability of financing by NIH or other outside sources, authority be granted to request approval of the project by the State Building Commission and for the preparation of plans and specifications.

It was explained that approval of this recommendation would permit investigating the possibility of obtaining the funds for the proposed Regional Primate Laboratory. The location of the proposed facility was shown on a map.

(Cont.)

Regent Rennebohm moved the adoption of the above recommendation, the motion was seconded by Regent DeBardeleben, and it was voted.

President Elvehjem requested Dean Wendt to present the proposal relating to sites for additional dormitories. Dean Wendt showed on a map the areas which had been indicated in the Sketch Plan of the Madison Campus, previously approved by the Regents, as being reserved for University student housing facilities required in connection with the expansion of the student enrollment. He noted that these areas include additional married student housing in the Eagle Heights area with additional student housing being proposed for east of Park Street and south of University Avenue. He noted that the present proposal was in accord with the Sketch Plan of the Madison Campus. He showed a map of the area south of University Avenue, east of Park Street, north of the Illinois Central Railroad, and west of Frances Street as being the area for the next student housing developments with the exception of the portion along University Avenue north of Conklin Place, which is to be reserved for commercial properties. Dean Wendt presented a schedule, shown on a map, for the proposed acquisition of various portions of this area by 1961, 1962 and 1963. Three types of structures are contemplated for this area consisting of two blocks of conventional-type dormitories between Park Street, Dayton Street, Lake Street and West Johnson Street, with dining facilities for these units to be located south of West Dayton Street and connected to the dormitory units by tunnels; apartment-type units for both men and women in the portion of the area east of North Lake Street; and graduate dormitory facilities in the area between North Park Street, West Johnson Street, North Murray Street and Conklin Place. The half block immediately east of the last mentioned area would be reserved for a possible recreation-type building, which will be necessary when a large student population is reached in this general area. The two blocks for conventional-type dormitories for single students would each include a large outdoor recreation area, which is essential where a large number of students are concentrated in one area. In addition to the above mentioned dining facility there would also be parking and possibly one apartment-type structure to be located between West Dayton Street and the railroad. Dean Wendt noted that, on the basis of these plans, about 4000 students would be provided for by the University in this area. Studies for the proposed dormitory for 1000 students, authorized by the Regents at their previous meeting, cover the site to be located in the block bounded by North Park Street, West Dayton Street, North Murray Street and West Johnson Street, with a dining facility located south of West Dayton Street. In discussing the proposed timetable for acquisition of property in this area it was pointed out that, if these 1000 single student units were to be opened in 1963, it would be necessary to acquire the property by 1961.

Regent Rennebohm inquired what was being planned in the way of University housing for poorer students who work for their meals and do not require dining facilities with their housing. Director Newell J. Smith indicated that such students could be accommodated in the cooperative-type dormitory units, of which the University now has two, and stated that it was planned to add another one to accommodate an additional 50 students in the near future, with additional units for approximately 500 later. He suggested that such cooperative dormitory units might be located in various places south of University Avenue and west of North Park Street as property becomes available.

(Cont.)

Regent Gelatt left the meeting at 10:50 A.M.

He also noted that the University can probably better provide the conventional-type housing with dining facilities than can the private housing operators; and that, therefore, he hoped that the type of student referred to by Regent Rennebohm could be accommodated in private housing facilities.

Dean Wendt noted that the University now provides housing for about 27% of the students, with the balance being provided by private housing operators. The present plans of the University anticipate that this proportion may be continued with the increased enrollment. In reply to a question by Regent Bassett, Dean Wendt indicated that the 4000 students for which facilities are planned in the area south-east of North Park Street and University Avenue would replace about 900 students now living in that area.

Vice President Peterson urged that the Regents take some action on a timetable of acquisition of property in this area in the interests of efficiency of planning for the development of this area and in fairness to the property owners in this area who make frequent inquiries as to the plans of the University for acquiring their property. Regent Friedrich inquired whether, if such a timetable were approved, the Regents would have any reasonable assurance that they will have the funds to purchase the property within the times specified in the schedule. Vice President Peterson stated that it was a very difficult question to answer, but that an application had been filed with the Housing and Home Finance Agency, in accordance with authority granted by the Regents, for the financing of 1000 spaces for single students, which application includes a provision for land purchase of about one million dollars. He noted, however, that there is uncertainty at this time as to whether additional HHFA loan funds will be available. He also noted that the University has included in the Legislative requests for the Building Program about two million dollars for land purchases. Regent Friedrich reiterated his question as to whether a time schedule for property acquisition in this area could be adopted at this time, because of the possibility that funds would not be available in time.

Vice President Peterson explained that, if the Regents approve such a timetable, the necessary authorizations would then have to be obtained from the State Building Commission. He presented the following recommendation:

That the schedule presented at this meeting for the acquisition of land for student residence halls to be located in the area bounded by University Avenue, North Frances Street, the Illinois Central Railroad right-of-way, and North Park Street (copy of schedule and map filed with the papers of this meeting) be approved for presentation to the State Building Commission; and that the Vice President - Business and Finance be authorized to obtain appraisals of the properties scheduled for acquisition in 1960 and 1961 plus any of the properties in the area scheduled for later acquisition which are offered to the University prior to the scheduled acquisition date: option payments to be charged temporarily to the Residence Halls revolving appropriation until permanent financing is arranged.

Vice President Peterson explained that, subject to the approval of the State Building Commission, the procedure to be followed would be to obtain apprais-

als of the properties, start negotiations, and try to get options for six months, or preferably a year, with option payments of probably at least \$500 which would be applied on the purchase prices, if the options are exercised. He noted that the approval of the above recommendation by the Regents would enable the University administration to go to the Legislature, to the State Building Commission, or arrange loans for the necessary financing.

Regent DeBardleben questioned whether the proposed timetable was accelerated enough and questioned whether the University could rely on the Madison property owners providing housing for about 73% of the contemplated student enrollment, in view of the great expense involved in constructing private student dormitories. Director Newell Smith replied that the University student housing program would probably have to be speeded up, but that he did not expect that the private housing operators would necessarily provide facilities for the additional students in new structures. He hoped that the private operators of student housing would continue to acquire existing facilities, outside the present student housing area, and convert them to student housing facilities. Vice President Peterson stated that the Student Housing Bureau is undertaking a survey aimed at encouraging the expanding of student housing for next fall. He noted that the University administration is also concerned about speeding up the University student housing development, as indicated by the revision of the proposed timetable for property acquisition in the area southeast of North Park Street and University Avenue by accelerating the time for acquisition of property from 1965 to 1963. He noted also that the University is limited as to the amount of University-operated student housing that can be placed on the market at one time, if the private housing operators are not to be discouraged from expanding their facilities.

Regent Steiger suggested the possibility of constructing additional student apartments in the Eagle Heights area and using them for single students. He was advised that this had been considered but that, in addition to the problem of transportation from the Eagle Heights area for a large number of students, it was deemed better to provide additional apartments for married students in the Eagle Heights area, which would result in spaces being released for single student occupancy in privately-operated housing occupied by married students who would transfer to the University married student apartments. Director Smith indicated that the problem of housing for married students would increase right along with that for single students.

Director Smith explained the need for the recreational areas in connection with the proposed student housing development southeast of North Park Street and University Avenue. He explained that with 4000 students concentrated in that area, ranging in age from seventeen to twenty-two years, space is extremely necessary to permit the students to let off steam and have recreational opportunities outside the confines of the large dwelling structures. He noted that large outdoor recreational facilities in connection with the University dormitories along the lakeshore had proven to be extremely helpful in controlling the student population. He noted that the recreational areas in the proposed development would also be available to other students residing in adjacent areas.

Regent DeBardleben inquired as to the extent that the proposed dormitory facilities would be self-liquidating. Vice President Peterson explained that the University student dormitories have usually been entirely self-liquidating but noted that this is the first time there will be an item for land acquisition in connection

with a conventional-type dormitory. He hoped that the Legislature would assume the responsibility for providing the site. He explained the financing of the existing University student housing projects, which were all self-liquidating with the exception of Barnard Hall, original Chadbourne Hall, and the Short Course Dormitories, which had been constructed from State appropriations, the two cooperative dormitories which were approximately one-half subsidized by State appropriations, and Elizabeth Waters Hall and the Kronshage Dormitories which were partially financed by Public Works Administration grants. In answer to a question by Regent DeBardeleben, Vice President Peterson estimated that the cost of the cooperative dormitories are about \$3000 per student without food service, and about \$3800 per student with food service. Director Smith noted that cooperative dormitories were a lower quality construction than the conventional-type dormitories and, being only two or three stories high, would be constructed at a lesser cost per student. The time for the construction of a cooperative-type dormitory was estimated at less than a year compared to one or two years for a conventional-type dormitory. The shortage of land, from a long-range viewpoint, and the cost per student space per land acquisition of from \$800 to \$1000 per student, even in high-rise dormitories, were given as reasons for limits on the number of the less expensive cooperative-type dormitories that the University could expect to provide.

President Steiger suggested, in view of the proposed large concentration of students southeast of Park Street and University Avenue, that perhaps the minority of the Regents who objected to the location of the Gymnasium west of Elm Drive were possibly correct. Dean Wendt explained that this proposed student housing development had been considered in recommending the Gymnasium site.

Regent Friedrich moved the adoption of the recommendation previously presented by Vice President Peterson. Regent DeBardeleben inquired whether the recommendation met the approval of the University administration. President Elvehjem stated that he believed it would be the best that could be hoped for. Regent DeBardeleben inquired whether the University administration thought the time schedule should be speeded up. President Elvehjem suggested that, if feasible, it could be speeded up later.

The motion was seconded by Regents Bassett and Werner and it was voted.

President Elvehjem presented the following recommendation:

That the Vice President - Business and Finance be authorized to secure the services of a consultant at a cost not to exceed \$3000 to study the application of urban renewal principles to the approved expansion plans of the University and advise as to the appropriate procedures and applications required to qualify for aid under the Federal Urban Renewal Program. Costs chargeable to President's Unassigned.

Professor Leo Jakobson explained that approval of this recommendation would permit exploring the possibility of hiring a consultant to advise the University as to the possibility of obtaining financial aid under the Federal Urban Renew-

al Law in developing areas for the expansion of the University. Dean Wendt stated that this possibility had been discussed with the Mayor and representatives of the City of Madison administration who indicated their willingness to cooperate with the University in this matter. Regent DeBardeleben questioned whether an expenditure of \$3000 would be for merely employing someone to fill out forms. Professor Jakobson explained that the problem involved working out a program with the City of Madison and, because of the inadequate staff and the limited time available, it had been deemed desirable by the Campus Planning Committee that an expert in urban renewal matters be employed to advise the University.

Regent Friedrich moved the approval of the above recommendation. Regent Rennebohm inquired whether the recommendation should not include obtaining approval of the Legislature, in view of the fact that the University had been criticized for not obtaining the approval of the Legislature in connection with the 1946 proposals relating to expansion areas. Regent Werner stated that he did not believe that this was the appropriate time, in the development of such a program, to ask for approval by the Legislature; and he seconded the motion. Regent Friedrich stated that approval of this recommendation would merely authorize studying the feasibility of such a program and that the necessary authorizations could be requested when the matter of feasibility is determined. Vice President Peterson explained that the program of land acquisition of the University had been discussed with the State Building Commission and with members of the State administration, and he believed these people all were aware of the extent of the University planning in these matters.

The question was put on the motion and it was voted.

President Steiger presented the report of the Executive Committee.

Upon motion of Regent Werner, seconded by Regent DeBardeleben, it was VOTED, That recommendation No. 1., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, be approved, ratified and confirmed.

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Upon motion of Regent Werner, seconded by Regent DeBardeleben, it was VOTED, That recommendation No. 2., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, be approved, ratified and confirmed.

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Upon motion of Regent Werner, seconded by Regent Friedrich, it was VOTED, That recommendation No. 3., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, be approved, ratified and confirmed.

Upon motion of Regent Rennebohm, seconded by Regent Werner, it was VOTED, That recommendation No. 4., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, be approved, ratified and confirmed.

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Upon motion of Regent Werner, seconded by Regent Rennebohm, it was VOTED, That recommendation No. 5., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, be approved, ratified and confirmed.

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Regent Werner moved confirmation of Recommendation No. 6., listed under the Report of the Executive Committee (EXHIBIT D attached) and adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board. The motion was seconded by Regent DeBardeleben.

Vice President Peterson explained the action that had been taken by the Regents on January 9, 1960, relating to the leasing and purchasing of the Wisconsin University Building Corporation properties referred to in this action of the Executive Committee. He stated that, subsequent to the action of the Regents in January, the State Building Commission had determined that the funds that had been requested for the purchase of Wisconsin University Building Corporation properties should be used for University construction and remodeling projects. Therefore, an amount had been included in the 1960-61 budget, as approved by the Regents, to cover the annual payment of rent for leasing all of the Wisconsin University Building Corporation properties, referred to in the January 9, 1960, action of the Regents, on a basis which would permit the amortization of the balance of the loans on such properties by the maturity dates of the loans.

The question was put on the above motion and it was voted.

Regent DeBardeleben presented the report of the Educational Committee.

Upon motion of Regent DeBardeleben, seconded by Regent Friedrich, it was VOTED, That the resignation of Gwen F. Arnold, Associate Professor of Education, be accepted; to take effect August 13, 1960.

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Upon motion of Regent DeBardeleben, seconded by Regent Friedrich, it was VOTED, That the following recommendations of the Educational Committee be adopted:

1. That Willard E. Downing, Professor of Social Work, UW-M, be granted leave of absence, without pay, for the academic year 1960-61.
2. That William G. Harley, Professor of Radio-Television Education, be granted leave of absence, without pay, from September 1, 1960 to August 31, 1961.

(Cont.)

3. That Joseph V. Totaro, Associate Professor of Education and Director of Teacher Placement Bureau, be granted leave of absence, without pay, from December 1, 1960 to October 14, 1961.

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Upon motion of Regent DeBardleben, seconded by Regent Friedrich, it was VOTED, That the salary of Ugo Camerini, Associate Professor of Physics, be increased from \$7,500 to \$9,800 for the academic year 1960-61; salary to be charged as follows: Sem. I, increase \$1,150 to Asst. Prof. #2; Sem. II, \$2,613.33 to Atomic Energy Commission contract (484-3118); and \$2,286.67 to Atomic Energy Commission contract renewal.

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Upon motion of Regent DeBardleben, seconded by Regent Rennebohm, it was VOTED, That the following recommendations of the Educational Committee be adopted:

1. That George G. Town, Professor Emeritus of Chemistry, be employed on a special service contract, for the administration of the Extension Chemistry Department, for the academic year 1960-61, on a part-time basis; at a salary of \$5,442 for the academic year; charge to 1A-1B-FSP-3-Instr.-Staff.
2. That Benjamin G. Elliott, Professor Emeritus of Mechanical Engineering, be employed on a special service contract to assist with the work in connection with the India contract, for the period September 1, 1960 to December 31, 1960; salary for the period \$700.00; charge to India I.C.A. Contract, 86-2889.

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Upon motion of Regent DeBardleben, seconded by Regent Friedrich, it was VOTED, That the following recommendations of the Educational Committee be adopted:

1. That the retirement of William S. Middleton, former Dean of the Medical School and Professor of Medicine, be approved; and that he be granted the status of Dean Emeritus and Professor Emeritus of Medicine; to take effect July 1, 1960.
2. That Mrs. Linnea C. Dennett, retired Associate Professor of Home Economics (Foods and Nutrition), be granted emeritus status, beginning June 30, 1960.

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Upon motion of Regent DeBardeleben, seconded by Regent Friedrich, it was VOTED, That the following recommendations of the Educational Committee be adopted:

1. That Harold A. Senn be appointed Professor of Botany (L & S) and Director of the Biotron (Graduate School) beginning September 1, 1960, on the annual basis; salary \$13,333.33 for the period September 1, 1960 to June 30, 1961, to be paid by the Graduate School (no salary from the Botany Department); charge to Fund 47-1114, University Houses (Graduate School Research).
2. That James A. Schinneller be appointed Associate Professor of Art Education, Extension Division, and Agricultural Extension Education, on the annual basis, beginning September 1, 1960; salary \$7,500 for the period September 1, 1960 to June 30, 1961; charge \$2,348.75 to 1A-1B-Spec. Classes-30-Ext.-Staff, \$2,348.75 to 1A-1B-O-Inst.-31-Ext.-Staff, and \$2,802.50 to 1A-1B-Agric. Ext.-Educ.-Staff.
3. That Harry B. Peters be appointed Professor of Music, beginning with the academic year 1960-61; at a salary of \$8,500 for the academic year; charge \$6,030 to p. 91, Music (Dominik - resigned), and \$2,470 to p. 91, L & S - Music.

Upon motion of Regent DeBardeleben, seconded by Regent Bassett, it was VOTED, That permission be granted to Robert Brome, the author, to adapt his one-act play, "The Return of Papa", which is copyrighted in the name of The Regents of The University of Wisconsin, for television, radio, and any other entertainment medium and to sell it for production in any medium.

Upon motion of Regent DeBardeleben, seconded by Regent Bassett, it was VOTED, That, except for the assignment or sale of copyrights held in the name of The Regents of The University of Wisconsin, the President of the University be authorized to grant to others the use of materials copyrighted in the name of The Regents of The University of Wisconsin, and that he be authorized to delegate such authorization to the directors or chairmen of departments responsible for the publications concerned.

Regent DeBardeleben reported that the Educational Committee had considered the report and recommendations relating to Student Counseling contained in the last

annual report of the Board of Visitors to the Regents and referred to the recommendation of the Board of Visitors on this subject, which read as follows:

"Because the counseling problem is one that affects the entire state educational program, the Visitors propose that the University of Wisconsin arrange a comprehensive conference on guidance at an early date. We suggest that such a conference to determine the needs, and the capacity of the state to meet them, should include representatives of the University administration, the Board of Regents, Board of Visitors, Coordinating Committee, State Department of Public Instruction, and members of the Legislature interested in education."

He stated that the Educational Committee had met with the representatives of the University administration and staff concerned with student counseling on the Madison and Milwaukee campuses, and that the reports referred to in the following recommendation of the Educational Committee, were a result of such meetings:

That the report, "Counseling and Advising at The University of Wisconsin - Madison Campus", and the report, "Counseling and Related Services University of Wisconsin - Milwaukee" (copies attached as EXHIBIT E), be sent to the Board of Visitors; and that these reports be referred to the Coordinating Committee for Higher Education together with the recommendation, relating to student counseling, contained in the Annual Report of the Board of Visitors, dated April 22, 1960.

Regent DeBardleben moved the adoption of the above recommendation of the Educational Committee and the motion was seconded by Regent Rennebohm. Regent Bassett inquired as to why the Visitors' recommendation was being referred to the Coordinating Committee for Higher Education. Regent DeBardleben stated that it was being referred to the Coordinating Committee for whatever action the Coordinating Committee desires to take, since the recommendation of the Board of Visitors recommends a conference on student counseling on a statewide basis.

The question was put on the above motion and it was voted.

Regent Werner presented the report of the Business and Finance Committee and stated that the Business and Finance Committee met on Friday afternoon, September 9th. The Committee discussed negotiations still in progress for financing construction of Gymnasium Unit #1. The Committee also discussed possible purchases of property near the campus. The Committee has no recommendations on these matters for the Board's action at this time.

Upon motion of Regent Werner, seconded by Regent DeBardleben, it was VOTED, That Regent Friedrich be authorized to represent the University of Wisconsin at the conference on "Federal Government and Higher Education" in St. Louis, Missouri, on October 27 through October 30, 1960.

Upon motion of Regent Werner, seconded by Regent DeBardleben, it was VOTED, That the meeting adjourn.

The meeting adjourned at 11:57 A.M.

Clarke Smith, Secretary

GIFTS AND GRANTS

GIFTS:

1. \$ 255.00 - Anonymous contributions to be added to the Christina Cameron Murray Memorial Fund. (Trust)
2. \$ 395.00 - Members of Rainbo Lodge, Inc., Wausau, Wisconsin, an additional contribution for the continuation of a research project for the purpose of an investigation of high-level bass-trout competition in Dadek Lake, Vilas County, Wisconsin, Department of Zoology. (47-2031)
3. \$ 65.00 - Friends and neighbors of the late Bobby Schalon, Ripon, Wisconsin, given in his memory, to further research in the cause and cure of cancer - Medical School. (47-1038)
4. \$ 40.00 - Monroe High School Student Council, Monroe, Wisconsin, a gift in support of muscular dystrophy research in the Medical School. Additional contributions may be added to this fund from time to time. (47-2603)
5. \$ 10.00 - Mr. and Mrs. Lawrence Lauwasser, Milwaukee, Wisconsin, given in memory of Mrs. Zelda Schuckman and Mrs. Bella Berson;
10.00 - Mr. James T. Carr, Chicago, Illinois, given in memory of Mr. C. W. D. Hanson;
15.00 - Mr. Samuel Ratner, Miami Beach, Florida, given in memory of Mr. Harry Cody;
10.00 - Mr. Hugh Kuechenmeister, Milwaukee, Wisconsin, given in memory of Mr. Norman C. Henderson;
3.00 - Mr. Joseph T. Daley, North Lake, Wisconsin, given in memory of Mr. Wayne Nicks;
3.50 - Mr. and Mrs. Ervin Klawitter, Brandon, Wisconsin, given in memory of Mr. Arden Fietz;
15.00 - Mrs. Elizabeth Stanley, Dolton, South Dakota;
\$67.50 to further research in the cause and cure of cancer - Medical School. (47-1038)
6. \$ 200.00 - Kraut Foundation Incorporated, Fond du Lac, Wisconsin, a gift to be used for cancer research in the Department of Surgery - Medical School. Additional contributions may be added to this account from time to time. (47-2836)
7. \$ 420.00 - School of Nursing Alumnae, to be added to the Christina Cameron Murray Memorial Fund. (Trust Fund)
8. \$ 10.00 - Miss Alice E. Smith, Madison, Wisconsin, to be added to the George Urdang Medal fund, in accordance with the terms and conditions of the trust agreement with The Regents of The University of Wisconsin. (Trust Funds)

GIFTS AND GRANTS

GIFTS:

9. \$ 116.00 - Friends of the late Mrs. Zelda Schuckman, given in her memory;
168.50 - Friends of the late Mr. Ronald S. Stewart, given in his memory;
63.50 - Friends of the late Mr. Lloyd Forsberg, given in his
\$348.00 memory;
to further research in the cause and cure of cancer -
Medical School. (47-1038)
10. \$ 100.00 - Thorp Finance Foundation, Inc., Thorp, Wisconsin, an unrestricted gift to be added to the President's Special Fund. (Trust)
11. \$ 25.00 - Rennebohm Drug Stores, Inc., Madison, Wisconsin, to be added to the George Urdang Medal fund, in accordance with the terms and conditions of the trust agreement with The Regents of The University of Wisconsin. (Trust Funds)
12. \$ 500.00 - Tobacco Industry Research Committee, New York, for the support of a scholarship to aid a medical student during the summer of 1960. The recipient will be selected by the School of Medicine as approved by the Dean of the Medical School. (47-2035)
13. \$ 1,000.00 - International Minerals and Chemical Corporation, Skokie, Illinois, for the establishment of the Louis Ware Scholarship in the College of Agriculture, during the year 1960-61. The recipient shall be a senior in the College of Agriculture, selected by the Dean of the College of Agriculture upon the recommendation of the College Committee on Loans, Fellowships and Scholarships. (47-3433)
14. \$ 1,000.00 - Robin C. Buerki, M. D., Detroit, Michigan, given in memory of the late Thomas E. Brittingham, Jr. (Trust)
15. \$ 3,275.00 - Campbell Soup Company, Camden, New Jersey, for continued support of the Campbell Soup Fellowship in food technology in the Department of Dairy and Food Industries. The recipient will be paid a stipend of \$2,000 if single or \$2,400 if married. In addition \$275 shall be provided for tuition and fees and \$1,000 is to be credited to the department in which the fellow majors for the purpose of defraying expenses in connection with the fellowship. (47-2588)

GIFTS AND GRANTS

GIFTS:

16. \$ 25.00 - An anonymous donor, a gift to be used for research in Psychotherapy, Department of Psychiatry. Additional contributions may be added to this fund. (47-2796)
17. \$ 5,000.00 - Wisconsin Eastern Alumni Scholarship Fund, an additional contribution to be added to the Scholarship Fund supported by this organization, to be administered in accordance with terms previously approved. (47-541)
18. \$ 15.00 - Drexel D. Journey, Washington, D. C., an additional contribution to be added to the Washington Law Alumni Scholarship Fund, to be expended in its entirety at the discretion of the Dean of the Law faculty for Law scholarships. (47-2166)
19. \$ 1,200.00 - American Cyanamid Company, Lederle Laboratories Division, New York City, to support two fellowships for \$600 each in the Medical School, during the 1960 summer period. Recipients shall be selected by the Committee on Scholarships and Fellowships of the Medical School. (47-1137)
20. \$ 220.00 - National Office Management Association, Madison, Wisconsin, for the support of a scholarship equivalent to one year of resident tuition, to be awarded annually to a fully registered student in the School of Commerce or Business Teacher Program. The selection of the student for the award will be made by the Committee on Awards, consisting of a representative of the Madison Chapter of the National Office Management Association, the Dean of the School of Commerce, a Commerce School Professor appointed by the Dean, and the Chairman of the Scholarship Committee of the School of Commerce. (47-2853)
21. \$ 375.00 - Mount Horeb Community Welfare Association, Mount Horeb, Wisconsin, representing the share of the Mount Horeb Community Welfare Association 1959 drive for the rehabilitation of polio patients, Department of Physical Medicine. (47-2818)
22. \$ 100.00 - Vice President Fred H. Harrington, Madison, Wisconsin, an unrestricted gift to be added to the President's Special Fund. (Trust)
23. \$ 500.00 - Mrs. Hilda B. Hollister, Williams Bay, Wisconsin, given in memory of her late husband, Lawrence A. Hollister, to be added to the Medical Library Building Fund. (Trust)

GIFTS AND GRANTS

GIFTS:

24. \$ 5,000.00 - University of Wisconsin Student Aid Fund, Chicago, Illinois, for the support of an undergraduate scholarship program at the University during 1960-61. The Athletic Department shall submit to the University Committee on Undergraduate Scholarships the names of and the amounts to be received by needy and worthy students from the Chicago, Illinois, area; such recommended students as are approved by the Committee on Loans and Undergraduate Scholarships and by the Regents of the University of Wisconsin shall receive scholarships from this fund within the limits of the amounts to be indicated; freshman students eligible for aid from this fund must have ranked in the upper half of their high school graduating classes, and other students who are not freshman must have a minimum grade of "C". (47-958)
25. \$ 250.00 - Allied Chemical & Dye Corporation, General Chemical Division, Morristown, New Jersey, an unrestricted gift to be used upon recommendation of the Dean of the College of Agriculture for research on the control of flies on cattle and in dairy barns, Department of Entomology. (47-3439)
26. \$ 1,500.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by the Davis and Duehr Eye Clinic, Madison, Wisconsin, in partial support of an instructor in the Department of Surgery (Ophthalmology). (47-3437)
27. \$ 100.00 - Wisconsin Interfraternity Association, Madison, Wisconsin, a contribution to be added to the Wisconsin Student Association Scholarship Fund. (Trust)
28. \$ 25.00 - Westby - Coon Prairie Lutheran Church, Westby, Wisconsin, given in memory of the late Rodney Swenson, Westby, Wisconsin, for research in Neurological Surgery, Medical School. (47-616)
29. \$ 400.00 - Oscar Mayer Foundation, Inc., Chicago, Illinois, for the continuation of "The Oscar Mayer Foundation, Inc., Farm Short Course Scholarships" during the 1960-61 Farm Short Course. Two scholarships of \$200 each are to be awarded to farm boys from Southern Wisconsin upon their selection by the Dean of the College of Agriculture and the Director of the Farm Short Course. (47-160)
30. \$ 50.00 - A. O. Smith Corporation, Milwaukee, Wisconsin, for use at the discretion of the Dean of the School of Pharmacy. (47-2286)

GIFTS AND GRANTS

GIFTS:

31. \$ 400.00 - Rock County Bankers Association, to continue the Rock County Bankers Association Farm Short Course Scholarship program during the 1960-61 session. Scholarships of \$200 each shall be awarded to two youths upon their selection and enrollment in the Farm Short Course. (47-3009)
32. \$ 400.00 - The State Bank of Elkhorn, Elkhorn, Wisconsin, for the continuation of the State Bank of Elkhorn Farm Short Course Scholarship Fund. This fund is to be used to award two scholarships of \$200 each to students enrolled in the 1960-61 Farm Short Course. Selection is to be made by the State Bank of Elkhorn and approved by the Dean of the College of Agriculture. (47-3011)
33. \$ 2,500.00 - Nekoosa-Edwards Foundation, Inc., Port Edwards, Wisconsin, sixth of ten yearly contributions for the support of The NEKOOSA-EDWARDS PAPER COMPANY FOUNDATION FUND, to be used to support or compensate research fellows or trainees in either Medicine or Surgery, or to aid in the support of research in the field of Clinical Medicine or Surgery. Conditions of grant were approved by the Regents on September 10, 1955. (47-2082)
34. \$ 500.00 - Abbott Laboratories, Scientific Divisions, North Chicago, Illinois, for the support of a research project entitled "Clinical Investigations on the Effects of Triiodothyropropionic Acid Ointment on Radiation Reactions in the Skin," Department of Radiology, Medical School. (47-3438)
35. \$ 5.00 - Mr. and Mrs. Louis E. Bines, Milwaukee, Wisconsin, given in memory of the late Mrs. Zelda Churchman, to further research in the cause and cure of cancer, Medical School. (47-1038)
36. \$ 638.00 - University of Wisconsin Foundation, a gift to continue support of the Edith and Michael Agazim Memorial Scholarship Fund, to be used to assist out-of-state football players who qualify according to Western Intercollegiate Conference Rules. (47-2624)
37. \$ 340.00 - Ex Club (Ex Officers, Ex Directors), Milwaukee Chapter, National Association of Cost Accountants, a gift to be used for the purchase of books on industrial accounting and management for the library at the University of Wisconsin - Milwaukee. (47-2619)

GIFTS AND GRANTS

GIFTS:

38. \$ 400.00 - The First National Bank of Fort Atkinson, Wisconsin, for the continuation of Farm Short Course Scholarships, during the period of the 1960-61 session of the Farm Short Course. Two scholarships of \$200 each shall be made available to farm youths, upon nomination of the donor, subject to final approval of the Dean of the College of Agriculture and the Loans, Fellowship and Scholarship Committee, and enrollment in the Farm Short Course. (47-3014)
39. \$ 1,200.00 - United States Rubber Company Foundation, New York, New York, to continue a program to support undergraduate scholarships at the University of Wisconsin. Recipients shall be selected who qualify under the following terms:
- 1) Need for financial assistance, that is, the difference between normal total cost to the student and the availability of personal resources, as appraised by the University.
 - 2) Successful completion of at least two years of college, during which leadership, capacity for higher education, and a recognition of its cultural and economic value have been demonstrated.
 - 3) Willingness of the beneficiary to assume a moral obligation to repay over a reasonable period at least 25% of the scholarship aid received as worked out with the University. Such repayment would be made to the scholarship fund of the University to provide help to future students in the same position and to supplement any future funds donated by the United States Rubber Company Foundation.
 - 4) Some demonstration of interest in a career in industry, as evidenced by the courses of study or other factors. (47-2469)
40. Arthur W. Quan, Madison, Wisconsin, a gift to the Department of Anthropology of 214 numbers of the Wisconsin Archeologist and twelve reference books dealing with North American Indians and their prehistory.
41. \$ 500.00 - Fahr Foundation, Manitowoc, Wisconsin, an additional contribution for the continuation of a graduate research fellowship in the fishery biology, Department of Zoology, and for the construction of ponds to be used to study the life history and production of the muskellunge, and for equipment, supplies and travel. (47-49)

GIFTS AND GRANTS

GIFTS:

42. A. O. Smith Company, Milwaukee, Wisconsin, the gift of a welding machine valued at approximately \$235 for use in the Welding Laboratory of the College of Engineering.
43. \$ 50.00 - Euterpe Music Club of Madison, a gift to support a scholarship to be given to a girl from Wisconsin enrolled in the Music School, above freshman level, who is musically talented, in good standing and in need of financial aid. (47-2890)
44. \$ 2,500.00 - The University of Wisconsin Foundation, to be added to the University of Wisconsin Foundation Scholarship Fund established to provide scholarships for students enrolled in the University of Wisconsin. (47-711)
45. \$ 400.00 - The Wisconsin-Upper Michigan Florists Association, Madison, Wisconsin, a contribution to be added to a fund established to support floricultural work in the Department of Horticulture. (47-920)
46. \$ 1,000.00 - University of Wisconsin Foundation, a gift of the Oscar Rennebohm Foundation, Inc., restricted for use in the School of Pharmacy; \$600.00 shall be used for awards to graduate assistants for outstanding teaching, and \$400.00 to be used at the discretion of the Dean for lectures and other items. (47-2282)
47. \$ 50.00 - University of Wisconsin Alumnae Association, Los Angeles, California, an additional contribution to be added to the Edward Schildhauer Loan Fund. (Student Loan)
48. \$ 5.00 - Mr. and Mrs. Erling Johnson, Milwaukee, Wisconsin, given in memory of the infant daughter of Mr. and Mrs. Gerald Natzke, Milwaukee, Wisconsin, to be used in support of instructional and research programs in the Medical School. (47-2345)
49. \$ 70.00 - Friends of the late Mr. and Mrs. John Mount, Sun Prairie, Wisconsin, to be added to the Medical Library Building Fund. (Trust)
50. \$ 196.00 - Various Donors, to be added to the George Urdang Medal Fund, in accordance with the terms and conditions of the Trust Agreement with The Regents of The University of Wisconsin. (Trust Funds)

GIFTS AND GRANTS

GIFTS:

51. \$ 10,000.00 - The Rockefeller Foundation, New York City, an unrestricted outright fellowship-expense grant, in recognition of the disparity between the cost to the University and its income from tuition in connection with Rockefeller Foundation Fellows attending the University of Wisconsin, to be used at the discretion of the University administration. (47-3451)
52. \$ 6,000.00 - The Rockefeller Foundation, New York City, an unrestricted outright fellowship-expense grant, in recognition of the disparity between the cost to the University and its income from tuition in connection with Rockefeller Foundation Fellows attending the University of Wisconsin, to be used at the discretion of the University administration. (47-2694)
53. \$ 5.00 - Frances Robbins, Lenox, Massachusetts, a contribution to be added to the Urdang Medal Trust Fund.
54. Food Machinery and Chemical Corporation, Princeton, New Jersey, a gift of an 8" 18 plate fractionating column, and condenser, valued at approximately \$5,465.00 for use by the College of Engineering.
55. \$ 500.00 - The Ralston Purina Company, St. Louis, Missouri, to provide an undergraduate scholarship in the College of Agriculture for the academic year 1960-61. (47-2005)
56. \$ 137.50 - Dr. William Kiekhof, Madison, Wisconsin, a gift to be used for any purpose connected with the Department of Gynecology and Obstetrics of the Medical School at the discretion of the department chairman, without regard to the limitations imposed by state fiscal procedures or regulations. (47-3218)
57. \$ 5.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by Hilda Steinweg, Detroit, Michigan, to be added to the George C. Allez Memorial Fund. (Trust)
58. \$ 1,000.00 - William Pollock, Miami Beach, Florida,
100.00 - Jeanne M. Wright, Princeton, New Jersey,
100.00 - Jessica S. Bartlett, Princeton, New Jersey,
1,000.00 - David Bartlett, Oshkosh, Wisconsin,
- John Bartlett, Oshkosh, Wisconsin, 100 shares of common stock having a value of approximately \$2,500, to be added to the Kathryn Bartlett fund for support of Cancer Research in the Department of Surgery. (47-3281)

GIFTS AND GRANTS

GIFTS:

59. \$ 500.00 - The Green Tree Garden Club, Milwaukee, Wisconsin, for the continuation of the Aldo Leopold Scholarship in the College of Agriculture for a one-year period, 1960-61. The scholarship is to be awarded by the Dean upon the recommendation of the Loans, Fellowships and Scholarships Committee to a graduate student who has demonstrated talent and ability in any of the fields of Wildlife Management, Conservation, or Horticulture. (47-976)
60. \$ 200.00 - The First National Bank of Neenah, Wisconsin, to continue a scholarship in the 1960-61 Farm Short Course known as the "First National Bank of Neenah Farm Short Course Scholarship." The donor reserves the right to nominate the recipient of the scholarship, subject to the approval of the Dean of the College of Agriculture and Loans, Fellowships and Scholarships Committee. (47-2516)
61. \$ 1,000.00 - The Kroger Company, Cincinnati, Ohio, for the continuation of the four "Kroger Scholarships," of \$250 each in the College of Agriculture, during 1960-61. Two scholarships are to be awarded to high school graduates enrolling in Agriculture and two to high school graduates enrolling in Home Economics. (47-3007)
62. \$ 900.00 - The Sears-Roebuck Foundation, Minneapolis, Minnesota, for continuation during the academic year 1960-61 of their scholarship program in the School of Home Economics. Scholarships of \$300 each, to be identified as the "Sears-Roebuck Scholarships in Home Economics," are to be made available to three Wisconsin farm girls enrolling as freshmen in the School of Home Economics. (47-3010)
63. \$ 5,400.00 - The Sears-Roebuck Foundation, Minneapolis, Minnesota, for continuation during 1960-61 of their scholarship program in the College of Agriculture. The scholarship plan as revised for 1960-61 provides:
- | | |
|--|---------|
| 16 freshman scholarships in agriculture @ \$300 each | \$4,800 |
| 1 sophomore scholarship in agriculture | 300 |
| 3 scholarships in the farm short course @ \$100 " | 300. |
- (47-180)
64. \$ 534.00 - Cheever Memorial Loan Fund, representing repayments of loans made against the above discontinued fund, to be added to the Cheever Alumni Fund, as approved by the Regents on May 9, 1959. (Loan Fund)

GIFTS AND GRANTS

GIFTS:

65. \$ 150.00 - The Kable Foundation, Mount Morris, Illinois, an additional contribution to the J. W. Watt Agricultural Journalism Memorial Loan Fund. (Trust)
66. \$ 400.00 - Government of France, additional contribution to continue during the 1960 summer session, the scholarship program for awards to outstanding American students of French residing at the Maison Francaise. Awards may be made to either graduate or undergraduate students who are recommended by the faculty of the French Department to the Committee on Loans and Undergraduate Scholarships or the Graduate School, as the case may be. (47-874)
67. \$ 400.00 - Government of France, a contribution to continue the scholarship program for awards to outstanding American students of French residing at the Maison Francaise. Awards may be made to graduate or undergraduate students recommended by the faculty of the French Department to the Committee on Loans and Undergraduate Scholarships or the Graduate School, as the case may be. (47-874)
68. \$ 5.00 - Willy Jacobson, Los Angeles, California,
 25.00 - Max N. Lemberger, Milwaukee, Wisconsin, and
 10.00 - Gerda W. Oldham, Yellow Springs, Ohio -
40.00 to be added to the George Urdang Medal Fund, in accordance with the terms and conditions of the trust agreement with The Regents of The University of Wisconsin. (Trust Funds)
69. \$ 1,500.00 - Edward A. Uhrig Foundation, Milwaukee, Wisconsin, a contribution in support of the Uhrig Foundation Scholarship Fund at The University of Wisconsin - Milwaukee, for the year 1960-61. (47-2686)
70. \$ 2,777.00 - Union Carbide Ore Company, a Division of Union Carbide Corporation, New York, for the Union Carbide Corporation Fellowship for the academic year 1960-61, Department of Geology. (47-226)
71. Mrs. Carl Fischer-Niemann, Madison, Wisconsin, a valuable collection of opera scores assembled and used by Carl Fischer-Niemann, deceased, who was a world-renowned tenor. (The collection is to be identified by a special plate bearing the inscription, "Donated in memory of Carl Fischer-Niemann by his wife."), School of Music.

GIFTS AND GRANTS

GIFTS:

72. \$ 1,500.00 - Oscar Mayer Foundation, Inc., Chicago, Illinois, an unrestricted gift, given in connection with its College Scholarship Program, to be added to the President's Special Fund. (Trust)
73. \$ 500.00 - Mirro Aluminum Company, Manitowoc, Wisconsin, an unrestricted gift to be added to the President's Special Fund. (Trust)
74. \$ 100.00 - Various donors, to be added to the Christina Cameron Murray Memorial Fund. (Trust)
75. \$ 1,234.10 - Friends of the late Mrs. H. F. Halverson, Beloit, Wisconsin, given in her memory, for the support of research conducted by Dr. Manucher Javid, Medical School. (47-3254)
76. \$ 2,000.00 - United Fund of Marathon County, Inc., Wausau, Wisconsin, to be used for support in connection with the Heart Research Program conducted by the University of Wisconsin Medical School and Hospitals. (47-2366)
77. \$ 125.00 - Tuttle's Drug Store, Fort Atkinson, Wisconsin, a gift to be added to the School of Pharmacy Grant and Scholarship Fund. (47-1078)
78. \$ 220.00 - Osco Drug, Inc., Chicago, Illinois, to continue support of a scholarship fund for pharmacy students in accordance with terms approved by the Regents on February 1, 1960. (47-2554)
79. \$ 1,000.00 - United Fund of Portage County, Stevens Point, Wisconsin, to be used for research in the field of cancer, Medical School. (47-2534)
80. \$ 1,500.00 - CUNA Mutual Insurance Society, Madison, Wisconsin, for the renewal of the Robert E. Cotterman Fellowship in the School of Commerce. The fellowship is to be awarded to a graduate student of the School of Commerce who shall be selected by the Fellowships and Scholarships Committee of the School of Commerce. (47-2995)
81. \$ 1,500.00 - CUNA Mutual Insurance Society, Madison, Wisconsin, for the renewal of the Thomas W. Doig Fellowship in the School of Commerce. The fellowship is to be awarded to a graduate student in the School of Commerce who shall be selected by the Fellowships and Scholarships Committee of the School of Commerce. (47-2194)

GIFTS AND GRANTS

GIFTS:

82. \$ 250.00 - CUNA Mutual Insurance Society, Madison, Wisconsin, for the renewal of the CUNA Scholarship in the School of Commerce. (47-2970)
83. The Texas Instruments Foundation, Dallas, Texas, a supply of transistors, valued at approximately \$3,000 for use in teaching and research in the Department of Electrical Engineering.
84. \$ 10.00 - Mr. Robert B. Brooks, Cross Plains, Wisconsin, a contribution given in memory of Mr. Lewis C. Brooks, to be used for leukemia research in the Department of Medicine. (47-2736)
85. \$ 750.00 - Sprague-Dawley, Inc., Madison, Wisconsin, to continue support of a scholarship in memory of Robert Worthington Dawley, to be awarded to an undergraduate student in Biochemistry. (47-2815)
86. \$ 2,226.50 - Alumni and Friends of the Medical School, contributions to be added to the Medical Library Building Fund. (Trust)
87. \$ 19.00 - Various donors, to be added to the Friends of the University of Wisconsin Library Fund. (47-822)
88. \$ 10,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by the Wisconsin Society for Jewish Learning, Milwaukee, Wisconsin, for the development of Hebrew studies at the University of Wisconsin - Milwaukee. An additional \$40,000 for this purpose will be made available as required. (47-3466)

GIFTS AND GRANTS

GRANTS:

1. \$ 19,250.00 - Life Insurance Medical Research Fund, New York, for the support of research on the chemistry and enzymology of polynucleotides, during the period October 1, 1960 to June 30, 1962, Institute for Enzyme Research. (G-59-38) (47-3285)
2. \$ 2,000.00 - Dow Chemical Company, Midland, Michigan, for the support of an industrial research project during the period June 1, 1960 to May 31, 1961, having for its purpose a study of the control of flies in dairy barns and grubs in dairy cattle, Department of Entomology. (47-3423)
3. \$ 36,000.00 - National Association for Retarded Children, Inc., New York, New York, for the support of an NARC Scholar at the rate of \$12,000 per annum, for a three-year period, beginning September 1, 1960, School of Education. (47-3422)
4. \$ 6,642.00 - Muscular Dystrophy Associations of America, Inc., New York, for the continued support of research entitled, "Histochemical Studies on Muscle under Altered Physical Conditions," for the period July 1, 1960 to June 30, 1961, Department of Pathology, Medical School. (47-2946)
5. \$ 1,000.00 - Muscular Dystrophy Associations of America, Inc., New York, a grant to help defray laboratory expenses incurred by the Medical School in connection with the Dr. Joseph L. Lilienthal Postdoctoral Fellowship, during the period July 1, 1960 through June 30, 1961. (47-2671)
6. \$ 2,640.42 - Rutgers University, New Brunswick, New Jersey, representing the unexpended balance of a National Institutes of Health Foreign Fellowship Grant (FF-106) for the period June 1, 1960 to November 1960. (484-3191)
7. \$ 2,350.00 - Red Dot Foods, Inc., Madison, Wisconsin, for the continued support of an industrial research project, having for its purpose a study of the genetic factors in potatoes which determine the color of potato chips, during the period September 1, 1960 to August 31, 1961, Department of Genetics. (47-2448)
8. \$ 400.00 - The Edward A. Uhrig Foundation, Milwaukee, Wisconsin, to finance the publication of lectures delivered under the Edward A. and Rosa Uhrig Memorial Lectureship at the University of Wisconsin - Milwaukee. (47-3148)

GIFTS AND GRANTS

GRANTS:

9. \$ 10,000.00 - Baker Laboratories, East Troy, Wisconsin, for the support of an industrial research project during the period September 1, 1960 to August 31, 1962, having for its purpose a study of the factors involved in heat stability of milk, Department of Dairy and Food Industries. (47-3427)
10. \$ 4,000.00 - The Johnson Foundation, Racine, Wisconsin, for the support of an industrial research project, during the period July 1, 1960 to June 30, 1961, having for its purpose a study of the methods of isolating lipid anthogen hormones and determining effective uses for these plant extracts, Department of Horticulture. (47-3426)
11. \$ 2,500.00 - Aunt Nellies Foods, Inc., Clyman, Wisconsin, for the support of an industrial research project during the period September 1, 1960 to August 31, 1961, having for its purpose a study of the causes of discoloration of processed onions, Department of Dairy and Food Industries. (47-3432)
12. \$ 4,800.00 - Chas. Pfizer & Company, Inc., Groton, Connecticut, for the support of an industrial research project, during the period May 1, 1960 to April 30, 1961, having for its purpose a study of the biochemistry of antibiotics, Department of Biochemistry. (47-3431)
13. \$ 1,000.00 - The Squibb Institute for Medical Research, New Brunswick, New Jersey, for the support of an industrial research project during the period July 1, 1960 to August 31, 1960, having for its purpose the study of metabolism of fungi, with special emphasis upon the terminal electron transport systems in *P. chrysogenum*, Department of Bacteriology. (47-3430)
14. \$ 8,000.00 - Sugar Research Foundation, Inc., New York, New York, for the support of an industrial research project, during the period September 1, 1960 to August 31, 1962, having for its purpose the study of consumer acceptance of levels of sweetness and acidity in cranberry products, Department of Dairy and Food Industries. (47-3429)
15. \$ 4,000.00 - Medical Sciences Research Foundation, Stanford University, California, for the support of a research project entitled, "The Characteristics of Staphylococci of Different Animal Origins," during a one-year period beginning July 1960, Department of Bacteriology. (47-3434)

GIFTS AND GRANTS

GRANTS:

16. \$ 1,000.00 - Dr. and Mrs. William Taylor, Portage, Wisconsin, for the support of an investigation of a new method of treating scoliosis, Department of Surgery (Orthopedic Section). A portion of the grant (\$488.13) shall be used to defray the expenses of certain instruments and materials to be used in the investigation, purchased by the donors and delivered to the Department of Surgery. (47-3428)
17. \$ 3,000.00 - Chesapeake Instrument Corporation, Shadyside, Maryland, for the continued support of an industrial research project, having for its purpose a study of the acoustic properties of milk, during the period ending June 30, 1961, Department of Dairy and Food Industries. (47-2415)
18. \$ 3,000.00 - Merck and Company, Inc., Rahway, New Jersey, to continue a research project to study the factors that affect the nature and production of antibiotics, September 1, 1960 through August 31, 1961, Departments of Biochemistry and Bacteriology. (47-361)
19. \$1,454,000.00 - Wisconsin Alumni Research Foundation, Madison, Wisconsin, a grant-in-aid to defray a portion of the costs of constructing and equipping the new Chemistry Building. (47-2840)
20. \$ 1,500.00 - Monsanto Chemical Company, St. Louis, Missouri, for the renewal of an industrial research project to study the nutritional value of supplemental amino acids in purified and natural chick rations, during the period July 1, 1960 through June 30, 1961, Department of Biochemistry. (47-1107)
21. \$ 9,974.00 - National Live Stock and Meat Board, Chicago, Illinois, for continued support of an industrial research project, having for its purpose a study of the comparative digestibility of meat and other proteins, with emphasis on the availability of essential amino acids, during the period July 1, 1960 to June 30, 1961, Department of Biochemistry. (47-2277)
22. 6,500.00 - Mink Farmers' Research Foundation, Milwaukee, Wisconsin, for the continued support of an industrial research project having for its purpose a study of methods of controlling urinary tract infections in ranch mink, with special reference to a virus enteritis, during the period July 1, 1960 through June 30, 1961, Department of Veterinary Science. (47-2663)

GIFTS AND GRANTS

GRANTS:

23. \$ 35,000.00 - Purdue Research Foundation, Lafayette, Indiana, for the support for a one-year period of a University Facilities Research Center to serve the Western Conference Universities and the University of Chicago in planning their physical requirements for the next decade. The Center will endeavor to improve cooperation in the physical facilities field; explore means of saving money, or making the best possible use of funds available; and to make available to each other, and to educational institutions generally, information concerning successful and unsuccessful experiments in the educational facilities field. (47-3282)
24. \$ 3,500.00 - Slinger Foundry Company, Slinger, Wisconsin, for the continued support of an industrial fellowship, for a study of "Liner Temperatures in Sleeved Die-Cast Aluminum-Alloy Engines," in the Department of Mechanical Engineering. The stipend for the student shall be \$2,400 on a twelve-month basis, with the balance of the fund to be used by the Department for supplies and expenses. (47-2860)
25. \$ 10,000.00 - State Highway Division of Wisconsin, Madison, Wisconsin, to cover a pilot study of the Economic Impact of highway development on the economic base of the Fox River Valley, Wisconsin, with primary emphasis centered on the manufacturing segment of the economy, School of Commerce. (47-3436)
26. \$ 40,000.00 - State of Wisconsin, Department of Resource Development, Madison, Wisconsin, a grant in support of investigations of "Small Businesses Use of Cooperative Arrangements to Achieve the Advantages of Large Scale Enterprise in the Agricultural Processing Industries," Department of Agricultural Economics. (47-3435)
27. \$ 3,500.00 - Badger Breeders Cooperative, Shawano, Wisconsin; East Central Breeders Cooperative, Waupun, Wisconsin; Southern Wisconsin Breeders Cooperative, Madison, Wisconsin; Tri-State Breeders Cooperative, Westby, Wisconsin; and Consolidated Breeders Cooperative, Anoka, Minnesota, for the support of an industrial research grant during the period July 1, 1960 to June 30, 1961, having for its purpose a study of the role of heredity in early embryonic death in cattle, Department of Genetics. (47-2940)
28. \$ 56,250.00 - Department of Health, Education and Welfare, Public Health Service, Division of Nursing Resources, Washington, D. C., for the support of a Professional Nurse Traineeship Program during the period September 1, 1960 through August 31, 1961, School of Nursing. (NT-13-C4) (484-3214)

GIFTS AND GRANTS

GRANTS:

29. \$ 3,000.00 - The Upjohn Company, Kalamazoo, Michigan, for the continuation of an industrial research project entitled, "Studies of Methods for Detecting and Standardizing Effects Exerted by Steroids and Related Compounds," July 1, 1960 to June 30, 1961, Department of Zoology. (47-44)
30. \$ 5,500.00 - Pittman-Moore Company, Division of Allied Laboratories, Inc., Indianapolis, Indiana, for the continued support of pharmaceutical research, having for its purpose the partial synthesis of veratrum ester alkaloids, during the period July 1, 1960 to June 30, 1961, School of Pharmacy. (47-2382)
31. \$ 17,340.00 - American Cancer Society, Inc., New York, New York, in support of research entitled "The Enzymatic Basis for Cellular Inhibitions by Purine Analogues," during the period September 1, 1960 through August 31, 1961, Department of Pharmacology and Toxicology. (47-3442)(T-94C)
32. \$ 500.00 - American Heart Association, New York, New York, a contribution to defray expenses incurred by a research fellow appointed by the donor. (47-3445)
33. \$ 1,000.00 - Consumers Union, Mount Vernon, New York, for the support of a conference on the subject of consumer credit counseling. (Extension Division) (47-3440)
34. \$ 27,500.00 - American Cocoa Research Institute, Washington, D. C., for the support of a research project to study the identification, biology and habits of insects in relation to pollination and the role they play in reducing the quantity and quality of cocoa harvested, during the period May 1, 1960 through April 30, 1962, Department of Entomology. (47-2369)
35. \$ 15,500.00 - American Cancer Society, Inc., New York, New York, in support of research entitled "Metabolic Regulatory Mechanisms" for a period of one year from September 1, 1960, Institute for Enzyme Research. (P-36C) (484-3441)
36. \$ 4,950.00 - American Cancer Society, Inc., New York, New York, in support of a study of "Growth Requirements of Insect Gall and Normal Tissue Cultures," for the period September 1, 1960 through August 31, 1961 - Department of Plant Pathology. (P-187E) (484-3443)

GIFTS AND GRANTS

GRANTS:

37. \$ 20,706.00 - American Cancer Society, Inc., New York, in support of research entitled "Studies on the Mode of Action of Ionizing Radiations on Growth of Malignant Tumors," during the period September 1, 1960 through August 31, 1961, Department of Radiology. (47-3444)
38. \$ 2,600.00 - The Fund for the Advancement of Education, New York, a grant in support of publication of report resulting from experimental study to evaluate the role and effectiveness of 170 telefilms in the teaching of high school physics, Department of Education and the Extension Division. (47-2353)
39. \$ 5,000.00 - The Trustees of the Gerber Baby Food Fund, Oakland, California, a grant-in-aid for continuation during the 1960-61 school year of a study of anemia in infants, Department of Pediatrics. (47-2418)
40. \$ 1,700.00 - American Petroleum Institute, New York, for the support of research entitled "Applicability of Surface-Tension Viscous-Flow Mechanisms to Two-fluid Flow in Porous Media," during a period of approximately one year, Department of Physics. (API-99) (47-3446)
41. \$ 8,000.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, for the support of a pharmaceutical research project entitled "Studies in Alkaloid Chemistry," during the period September 1, 1960 through August 31, 1961, School of Pharmacy. (47-3447)
42. \$ 26,000.00 - Department of Health, Education and Welfare, Public Health Service, Washington, D. C., for the support of nine trainees in the Public Health Nursing Program, School of Nursing, Medical School. The estimated cost of the program is \$26,000 during the period September 1, 1960 through August 31, 1961. (61-160) (484-3248)
43. \$ 2,000.00 - Chas. Pfizer & Co., Inc., Brooklyn, New York, for the continued support of research entitled "The Study of the Complexing Characteristics of the Oxytetracycline, Tetracycline and Structurally Related Compounds in Their Solubility Relationships," School of Pharmacy. (47-2130)
44. \$ 1,000.00 - American Cyanamid Company, Princeton, New Jersey, for the continued support of an industrial research project having for its purpose a study of the value of systemic insecticides for the control of insects on potatoes, during the period ending December 31, 1960, Department of Entomology. (47-2666)

GIFTS AND GRANTS

GRANTS:

45. \$ 6,500.00 - S. E. M. Foundation, Inc., Milwaukee, Wisconsin, a gift in support of the Summer Evenings of Music project at The University of Wisconsin - Milwaukee. (47-2593)
46. \$ 694.00 - The National Foundation, New York, a grant to defray departmental costs in connection with a fellowship awarded directly by the donor, during the period July 1, 1960 through January 31, 1961, Department of Physiology. (47-2735)
47. \$ 5,000.00 - Rotary International, Evanston, Illinois, for the support of a research project relating to the legislative procedure of Rotary International - Institute for World Affairs Education, University of Wisconsin - Milwaukee. (47-3448)
48. \$ 2,500.00 - Rutgers University, New Brunswick, New Jersey, for the support of a research project entitled "A Socio Psychological Secondary Study of Adolescent Conformity and Deviating Behavior," to be conducted in the Department of Sociology. (47-3450)
49. \$ 3,000.00 - E. R. Squibb & Sons, Division of Olin Mathieson Chemical Corporation, New Brunswick, New Jersey, for the continuation of a research project to study the factors affecting the production and isolation of types of penicillin produced by molds, July 1, 1960 to June 30, 1961, Departments of Biochemistry and Bacteriology. (47-129)
50. \$ 500.00 - Abbott Laboratories, North Chicago, Illinois, for the support of a study of the isodose curves for cobalt 60 applicators of various types, Department of Gynecology and Obstetrics. (47-3453)
51. \$ 264.50 - Ethyl Corporation, Ferndale, Michigan, for the support of research studies on internal combustion engines, Department of Mechanical Engineering. (47-3452)
52. \$ 8,632.00 - Office of Vocational Rehabilitation, Department of Health, Education and Welfare, Washington, D. C., in support of Teaching and Traineeship Grant--Occupational Therapy for the period September 1, 1960 through August 31, 1961, Department of Physical Medicine. (87-61) (484-3264)
53. \$ 5,000.00 - Texaco Incorporated, Beacon, New York, for the support of research by graduate students in the field of microbiology under the direction of Professor Elizabeth McCoy. (47-3449)

GIFTS AND GRANTS

GRANTS:

54. \$ 1,700.00 - United States Steel Corporation, Pittsburgh, Pennsylvania, for the support of an industrial research project, during the period May 1, 1960 to April 30, 1961, having for its purpose the study of the basic and clinical aspects of experimental flourine toxicosis, Department of Biochemistry. (47-3220)
55. \$ 5,000.00 - Winnebago Lake Fly Research, Inc., for continued support of an industrial research project having for its purpose a study of methods of controlling lake flies in the vicinity of Lake Winnebago, July 1, 1960 to June 30, 1961, Department of Entomology. (47-2450)
56. \$ 6,000.00 - Oscar Mayer and Company, Madison, Wisconsin, for the renewal of an industrial research project to study the bacteriological and chemical changes occurring during the curing and storage of processed meats, during the period July 1, 1960 to June 30, 1962, Department of Bacteriology. (47-731)
57. \$ 45,634.00 - Office of Vocational Rehabilitation, Department of Health, Education and Welfare, Washington, D. C., in support of teaching and traineeship program in Speech Pathology and Audiology for the period September 1, 1960 through August 31, 1961, Department of Speech. (484-3284)
58. \$ 38,612.00 - Office of Vocational Rehabilitation, Department of Health, Education, and Welfare, Washington, D. C., in support of a rehabilitation training project in the field of Rehabilitation Counseling for the period September 1, 1960 through August 31, 1961, School of Education. (OVR-197-61) (484-3285)
59. \$ 11,772.00 - Office of Vocational Rehabilitation, Department of Health, Education and Welfare, Washington, D. C., in support of Physical Therapy Teaching grant for the period September 1, 1960 through August 31, 1961, Department of Physical Medicine. (OVR No. 210-61) (484-3292)
60. \$ 5,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, a grant made by The Oscar Rennebohm Foundation, Inc., of Madison, to be used for the purchase of an artificial kidney and equipment, supplies and expenses related thereto, for the Department of Medicine. (47-3454)
61. \$ 500.00 - American Cancer Society, Inc., New York, a contribution toward the expenses to be incurred in connection with a Postdoctoral Fellow supported by the donor, Department of Biochemistry. (PF-77) (47-3456)

GIFTS AND GRANTS

GRANTS:

62. \$ 13,162.00 - The Ford Foundation, New York City, for support for approximately one year of one Faculty Research Fellowship under Program in Economic Development and Administration, Department of Economics. (47-3459)
63. \$500,000.00 - Wisconsin Alumni Research Foundation, Madison, Wisconsin, to defray a portion of the cost of the purchase of a high-speed computer (CDC 1604) (47-3455)
64. \$ 12,000.00 - American Cancer Society, Wisconsin Division, Inc., Madison, Wisconsin, an emergency grant in support of the Radioisotope Research program in McArdle Memorial Laboratory, August 1, 1960 to June 30, 1961, Department of Oncology. (47-3457)
65. \$ 45,000.00 - National Academy of Sciences, Washington, D. C., for the support of a research program to conduct gravity measurements and analyses of the earth's gravity field, during a period of approximately one year, Department of Geology. (IGY-50.7)(484-3302)
66. \$ 1,800.00 - Abbott Laboratories, North Chicago, Illinois, for the support of research entitled "The Effect of Arsanilic Acid and of Potassium Arsenate on Skin Carcinogenesis," McArdle Memorial Laboratory. (47-3458)
67. \$ 500.00 - Rotary Club of Madison West, Madison, Wisconsin, for the partial support of the expenses of the Extension Division Branch (in Wausau) of the Research and Guidance Laboratory for Superior Students. (47-3460)
68. \$ 4,000.00 - Wisconsin Anti-Tuberculosis Association, Milwaukee, Wisconsin, for the support of research entitled "Immunization of Guinea Pigs against Tuberculosis with Non-Living Vaccines," during the year 1960-61, Department of Medical Microbiology. (47-3461)
69. \$ 6,500.00 - American Foundrymen's Society Training and Research Institute, Des Plaines, Illinois, for the continued support of research on malleable cast iron during the period July 1, 1960 through June 30, 1961, Department of Mining and Metallurgical Engineering. (47-2561)
70. \$ 1,800.00 - Lakeside Laboratories, Inc., Milwaukee, Wisconsin, for the support of a pharmaceutical research project entitled, "Compounds Affecting Mental States," during the period August 1960 to July 1961, School of Pharmacy. (47-2698)

GIFTS AND GRANTS

GRANTS:

71. \$ 2,400.00 - American Cyanamid Company, Pearl River, New York, for the continuation of an industrial research project having for its purpose a study of the factors affecting the production and action of antibiotics, October 1, 1960 through September 30, 1961, Departments of Biochemistry and Bacteriology. (47-126)
72. \$ 2,000.00 - Walnut Grove Products Company, Inc., Atlantic, Iowa, for the support of an industrial research project during the period August 1, 1960 to July 31, 1961, having for its purpose a study of the causes of bloat in cattle, Department of Veterinary Science. (47-3464)

GIFTS AND GRANTS

GRANTS:

73.

National Institutes of Health, Bethesda, Maryland,
to support the following research projects:

- 1) \$ 3,800.00 - "Relation of nucleic acid metabolism to induction of lymphoma," for the period June 1, 1960 through February 28, 1961, Department of Pathology. (C-5446) (484-3189)
- 2) \$ 8,050.00 - "Biosynthetic activities of leukemic cells in vitro," for the period June 22, 1960 through March 31, 1961, Department of Medicine. (CY-3936(C2S1))(484-3069)
- 3) Termination date of research project entitled "The Detection of Liver Damage by Serum Enzymes," extended to August 31, 1960, Department of Medicine. (E-2014(C1)) (484-2851)
- 4) \$ 6,480.00 - A supplement to Training Grant in Neurology, for the period June 28, 1960 through March 31, 1961, Department of Neurology. (G2B-5098(C3S1))(484-3074)
- 5) \$ 17,233.00 - "Purification and Study of Pituitary Gonadotrophins," during the period August 1, 1960 - July 31, 1961, Department of Zoology. (EG-2154(C11))(484-3204)
- 6) \$172,500.00 - "Long Term Radiation Effects on Subhuman Primates," for the period September 1, 1960 through August 31, 1961, Department of Psychology. (RG-4857(C4)) (484-3208)
- 7) \$ 15,606.00 - "Analysis of mouse thymus morphogenesis," for the period September 1, 1960 through August 31, 1961, Department of Zoology. (C-5281) (484-3209)
- 8) \$ 39,720.00 - "Cell Virus Relationships in the Rous Sarcoma," for the period September 1, 1960 through August 31, 1961, Department of Oncology. (C-5250)(484-3210)
- 9) \$ 28,810.00 - "Translocation of Insecticides from Soils into Crops," for the period September 1, 1960 through August 31, 1961, Department of Entomology. (RG-6516(C1)) (484-3211)
- 10) \$ 67,992.00 - In support of a training grant in Neurophysiology, for the period July 1, 1960 through June 30, 1961, Department of Neurophysiology. (2B-5326) (484-3212)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 11) \$ 54,970.00 - "Mutagenesis in bacterial and mammalian cell lines," for the period September 1, 1960 through August 31, 1961, Department of Oncology. (CY-5215(C1))(484-3213)
- 12) \$ 10,365.00 - "Submicroscopic Organization of Chromosomes," for the period September 1, 1960 through August 31, 1961, Department of Zoology. (RG-4738(C4))(484-3215)
- 13) \$ 40,745.00 - In support of a Community Cancer Demonstration Project for the period July 1, 1960 through June 30, 1961, Department of Preventive Medicine. (T5301A60)(484-3216)
- 14) \$ 10,000.00 - "Studies in Oxidative Phosphorylation," for the period September 1, 1960 through August 31, 1961, Department of Medicine. (RG-5606(C2))(484-3217)
- 15) \$ 15,628.00 - "Growth and Developmental Processes in Simple Slime Molds," for the period September 1, 1960 through August 31, 1961, Department of Bacteriology. (C2119(C6))(484-3218)
- 16) \$ 16,100.00 - "Formation and Metabolism of Hydroxykynurenine," for the period September 1, 1960 through August 31, 1961, Department of Surgery. (C-3274(C3))(484-3219)
- 17) \$ 56,859.00 - "Study of Citruline and Carbamylaspartate Biosynthesis," for the period September 1, 1960 through August 31, 1961, Department of Physiological Chemistry. (C-3571(C3))(C-3571(C3S1))(484-3220)
- 18) \$ 18,400.00 - "Metabolism of Carcinogens Labeled with Radiocarbon," for the period September 1, 1960 through August 31, 1961, Department of Oncology. (C-1132(C10))(484-3221)
- 19) \$ 31,107.00 - "Structure of Biological Macromolecules," for the period September 1, 1960 through August 31, 1961, Department of Physics (484-3222) & Department of Biochemistry (484-3238) (E-1466(C4))
- 20) \$ 19,909.00 - "Protein Metabolism in Yeast," for the period September 1, 1960 through August 31, 1961, Department of Bacteriology. (E-1459(C4))(484-3223)
- 21) \$ 14,053.00 - "Physiology of the Superficial Dermatophytes," for the period September 1, 1960 through August 31, 1961, Department of Bacteriology. (E-1201(C4))(484-3224)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 22) \$ 16,779.00 - "Viral Mutants in the Study of Viral Multiplication," for the period September 1, 1960 through August 31, 1961, Department of Medical Microbiology. (E-1688(C3)) (484-3225)
- 23) \$ 16,088.00 - "Persistence of Viruses in Animal Cells," for the period September 1, 1960 through August 31, 1961, Department of Medical Microbiology. (E-1214(C4)) (484-3226)
- 24) \$ 25,000.00 - An undergraduate training program - Clinical Cardiovascular - for the period September 1, 1960 through August 31, 1961. (HT-5038(C8)) (484-3227)
- 25) \$ 4,536.00 - In support of Cancer Clinical Traineeship grant for the period July 1, 1960 through June 30, 1961, Department of Pathology. (CLT-7091) (484-3228)
- 26) \$ 5,292.00 - In support of a Cancer Clinical Traineeship grant for the period July 1, 1960 through June 30, 1961, Department of Medicine. (CLT-7132) (484-3229)
- 27) \$ 3,703.00 - "Synthesis of 8-OH Quinoline Derivatives," during the period September 1, 1960 through August 31, 1961, Pharmaceutical Chemistry. (E-1784(C3)) (484-3231)
- 28) \$ 36,512.00 - "Proliferation and Differentiation in Physarum," during the period September 1, 1960 through August 31, 1961, Department of Oncology. (C-3584(C3)) (484-3232)
- 29) \$ 6,382.00 - "Nutrition and Virulence of Leptospira Pomona," during the period September 1, 1960 through August 31, 1961, Department of Bacteriology. (E-1664(C3)) (484-3233)
- 30) \$ 25,995.00 - In support of a training program in cardiovascular physiology, for the period August 1, 1960 through July 31, 1961, Department of Physiology. (HTS-5375(C1)) (484-3234)
- 31) \$ 22,310.00 - "Interepidemic Survival of Influenza Virus," for the period September 1, 1960 through August 31, 1961, Department of Veterinary Science. (E-2255(C2)) (484-3235)
- 32) \$ 90,648.00 - "Metabolism of fixed nitrogen by plants and bacteria," for the period September 1, 1960 through August 31, 1961, Department of Biochemistry. (E-848(C5)) (484-3236)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 33) \$ 10,000.00 - "Interactions of Organic Molecules in Water," for the period September 1, 1960 through August 31, 1961, School of Pharmacy. (RG-5830(C2)) (484-3237)
- 34) \$ 10,350.00 - "Pathogenesis of Listeriosis," for the period September 1, 1960 through August 31, 1961, Department of Veterinary Science. (E-1638(C3)) (484-3239)
- 35) \$ 10,648.00 - "Genetic Studies of Antigens," for the period September 1, 1960 through August 31, 1961, Department of Genetics. (E-1643(C7)) (484-3240)
- 36) \$ 10,177.00 - "Energy Sources for Renal Tubular Excretion," for the period September 1, 1960 through August 31, 1961, Department of Pharmacology and Toxicology. (H-1634(C8)) (484-3241)
- ~~37) \$ 9,200.00 - "Flavor and Quality in Processed Vegetables," for the period September 1, 1960 through August 31, 1961, Department of Dairy and Food Industries. (RG-5701(C2)) (484-3242)~~
- 38) \$ 18,170.00 - "Alpha-Keto acid oxidation by the tubercle bacillus," for the period September 1, 1960 through August 31, 1961, Institute for Enzyme Research. (E-2416(C2)) (484-3243)
- 39) \$ 11,500.00 - "Role of Bicarbonate in the Synthesis of Fatty Acids," for the period September 1, 1960 through August 31, 1961, Institute for Enzyme Research. (RG-5873(C2)) (484-3244)
- 40) \$ 5,750.00 - "Synthesis of some Inosamine O-glycosides," for the period September 1, 1960 through August 31, 1961, Department of Biochemistry. (E-385(C8)) (484-3247)
- 41) \$ 18,889.00 - "Effect of Urea on Intracranial Pressure in Neurologic Problems," during the period September 1, 1960 through August 31, 1961, Department of Neurosurgery. (B-2185(C1)) (484-3249)
- 42) \$ 33,539.00 - "Anatomy and Function of the Cerebral Cortex," during the period September 1, 1960 through August 31, 1961, Department of Physiology. (B-2911) (484-3250)
- 43) \$ 11,500.00 - "Arthritis and Metabolic Diseases," during the period September 1, 1960 through August 31, 1961, Department of Medicine. (A-4249) (484-3251)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 44) \$ 13,547.00 - "Cytomorphology and Cell Differentiation in Hydra," for the period September 1, 1960 through August 31, 1961, Department of Anatomy. (RG-6934(C1))(484-3252)
- 45) \$ 13,188.00 - "The Effect of Algae on BOD Measurements," for the period September 1, 1960 through August 31, 1961, Department of Hydraulic and Sanitary Laboratory, Engineering Experiment Station. (K-15(C3))(484-3253)
- 46) \$ 18,400.00 - "Separation and Analysis of Subcellular Particles," for the period September 1, 1960 through August 31, 1961, Institute for Enzyme Research. (RG-6762(C1))(484-3254)
- 47) \$ 12,465.00 - "Characteristics of Circular Sedimentation Basins," for the period September 1, 1960 through August 31, 1961, Department of Hydraulic and Sanitary Laboratory, Engineering Experiment Station. (RG-6736(C1))(484-3255)
- 48) \$ 8,395.00 - "The Chemistry of Some Natural Products," for the period September 1, 1960 through August 31, 1961, Department of Chemistry. (RG-6646(C1))(484-3256)
- 49) \$ 8,705.00 - "Expression and Reduction of Hostility," for the period September 1, 1960 through August 31, 1961, Department of Psychology. (M-1540(C3))(484-3257)
- 50) \$ 8,165.00 - "Endocarditis and Arthritis in Swine Erysipelas," during the period September 1, 1960 through August 31, 1961, Department of Veterinary Science. (A-502(C7))(484-3258)
- 51) \$ 13,139.00 - "Intermediary Metabolism of Carbohydrates," during the period September 1, 1960 through August 31, 1961, Institute for Enzyme Research. (A-531(C13))(484-3259)
- 52) \$ 2,472.00 - "Pubertal growth of bone and soft tissues in mongolism," during the period September 1, 1960 through August 31, 1961, Psychiatric Institute. (M-3322(C1))(484-3260)
- 53) \$ 8,222.00 - "Metabolism of Anticholinesterase antagonists," for the period September 1, 1960 through August 31, 1961, Department of Pharmacology. (B-1930(C1))(484-3261)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 54) \$ 9,200.00 - "Flavor and Quality in Processed Vegetables," for the period September 1, 1960 through August 31, 1961, Department of Dairy and Food Industries. (RG-5701(C2)) (484-3262)
- 55) \$ 43,571.00 - In support of Graduate Training Program in Pharmacology and Toxicology, for the period September 1, 1960 through August 31, 1961, Department of Pharmacology and Toxicology. (2G-54(C2)) (484-3263)
- 56) \$ 14,600.00 - "Photochemistry of Carbonyl Group Containing Molecules," during the period September 1, 1960 through August 31, 1961, Department of Chemistry. (RG-7487) (484-3265)
- 57) \$ 17,227.00 - "The Chemistry of the Veratrum Alkaloids," during the period September 1, 1960 through August 31, 1961, School of Pharmacy. (H-2275(C5)) (484-3266)
- 58) \$ 11,000.00 - "Genetic Carriers of Heredity Spherocytosis," during the September 1, 1960 through August 31, 1961, Department of Medicine. (H-3227(C3)) (484-3267)
- 59) \$ 14,331.00 - "Chemistry of Microbial Growth," for the period September 1, 1960 through August 31, 1961, Department of Biochemistry. (E-2967(C1)) (484-3268)
- 60) \$ 7,820.00 - "Immunity in Blood Flagellate Infections," for the period September 1, 1960 through August 31, 1961, Department of Medical Microbiology. (E-2949(C1)) (484-3269)
- 61) \$ 10,982.00 - "Structure of Antibiotics," for the period September 1, 1960 through August 31, 1961, Department of Chemistry. (E-585(C6)) (484-3270)
- 62) \$ 5,497.00 - "Acenaphthene Tolerance in Fungi," for the period September 1, 1960 through August 31, 1961, Department of Botany. (E2543(C1)) (484-3271)
- 63) \$ 18,323.00 - "Enzyme Systems in Tubercle Bacillus," for the period September 1, 1960 through August 31, 1961, Institute for Enzyme Research. (E-1816(C3)) (484-3272)
- 64) \$ 14,260.00 - "Influence of Diet and Hormones on Tissue Enzymes," for the period September 1, 1960 through August 31, 1961, Department of Biochemistry. (A-753(C5)) (484-3273)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 65) \$ 14,775.00 - "Chemistry of Pyridinium Rings," for the period September 1, 1960 through August 31, 1961, Department of Chemistry. (EG-7272(C3))(formerly E-1608(C2)) (484-3274)
- 66) \$ 17,250.00 - "Functional Capacities of Decorticated Primates," for the period September 1, 1960 through August 31, 1961, Department of Physiology. (B-1460(C3)) (484-3275)
- 67) \$ 18,630.00 - "Virulence Factors in Staphylococcal Infections," for the period September 1, 1960 through August 31, 1961, Department of Veterinary Science. (E-2962(C1)) (484-3276)
- 68) \$ 26,732.00 - "A Study of Mammalian Placentas and Fetal Membranes," for the period September 1, 1960 through August 31, 1961, Department of Anatomy. (H-3331(C3))(484-3277)
- 69) \$ 17,250.00 - "Stress and Infection in Shipping Fever in Cattle," for the period September 1, 1960 through August 31, 1961, Department of Veterinary Science. (E-2384(C2))(484-3278)
- 70) \$ 12,990.00 - "Studies on Continuous Fermentation," for the period September 1, 1960 through November 30, 1961, Department of Biochemistry. (E-3629)(484-3281)
- 71) \$ 20,000.00 - "Effect of Adrenal Steroids on Lipid Metabolism," for the period September 1, 1960 through August 31, 1961, Department of Medicine. (H-3380(C3)) (484-3282)
- 72) \$ 24,955.00 - "Biological Properties of Tubercle Bacillus Fractions," for the period September 1, 1960 through August 31, 1961, Department of Medical Microbiology. (E-646(C6)) (484-3283)
- 73) \$ 18,170.00 - "Anthelmintic Resistance in Parasitic Nematodes," for the period September 1, 1960 through November 30, 1961, Department of Veterinary Science. (E-3611)(484-3287)
- 74) \$ 32,064.00 - "Biochemistry of Latent Virus Production (Lysogeny)," for the period September 1, 1960 through November 30, 1961, Department of Biochemistry. (E-3603)(484-3288)
- 75) \$ 17,250.00 - "Morphological and Chemical Aspects of Myelinization," for the period December 1, 1960 through November 30, 1961, Department of Zoology. (B-2608(C1))(484-3289)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 76) \$ 20,000.00 - In support of a Training Program in Pathology for the period September 1, 1960 through August 31, 1961, Department of Pathology. (2G-130(C3)) (484-3293)
- 77) \$ 48,187.00 - "Chemotherapy of Solid Tumors," during the period September 1, 1960 through August 31, 1961, Department of Cancer Research. (CY-2859(C4)) (484-3294)
- 78) \$ 14,835.00 - "Clostridium Perfringens as Related to Food Poisoning," for the period September 1, 1960 through November 30, 1961, Department of Foods and Nutrition. (E-3534) (484-3295)
- 79) \$140,121.00 - "Enzyme Activity in Heart Muscle," for the period October 1, 1960 through September 30, 1961, Enzyme Institute. (H-458(C11)) (484-3296)
- 80) \$ 11,327.00 - "Synthesis of Alkaloids," for the period September 1, 1960 through August 31, 1961, Department of Chemistry. (RG-3892(C6))(484-3297)
- 81) \$ 44,495.00 - "Physical-Chemical Studies of Enzymes," for the period September 1, 1960 through August 31, 1961, Department of Chemistry. (RG-6688(C1))(484-3298)
- 82) \$ 27,543.00 - "Metabolism and Selectivity of Organophosphates," for the period September 1, 1960 through August 31, 1961, Department of Entomology. (RG-5304(C3))(484-3299)
- 83) \$ 16,937.00 - "Biological Action of Adrenal and Related Steroids," for the period September 1, 1960 through August 31, 1961, Department of Zoology. (A-804(C13))(484-3300)
- 84) \$ 20,907.00 - "Serine and Hydroxyaspartic Acid Metabolism," for the period September 1, 1960 through August 31, 1961, Department of Physiological Chemistry. (A-922(C5)) (484-3301)
- 85) \$ 6,210.00 - "Lung Function Studies," during the period October 1, 1960 through September 30, 1961, Department of Medicine. (H-4559(C1))(484-3308)
- 86) \$ 11,258.00 - "Role of the Adrenals in Movements of Bone Sodium," during the period September 1, 1960 through August 31, 1961, Department of Pediatrics. (A-2815(C1))(484-3309)

GIFTS AND GRANTS

GRANTS:

73. (Continued)

- 87) \$ 25,121.00 - "Iron, Copper and Plasma Proteins in Anemias of Infancy," for the period September 1, 1960 through August 31, 1961, Department of Pediatrics. (A-2709(C1))(484-3310)
- 88) \$ 10,005.00 - "New Aspects of Chemistry and Function of Flavoproteins," during the period September 1, 1960 through August 31, 1961, Institute of Enzyme Research. (A 2512(C2))(484-3311)
- 89) \$ 25,684.00 - "Specific Relation of Attitude to Physiological Change," for the period September 1, 1960 through August 31, 1961, Department of Medicine. (M-2011(C3))(484-3312)
- 90) \$ 15,065.00 - "The Study of Nitrogen Metabolism in Fetal Tissues," for the period September 1, 1960 through August 31, 1961, Department of Gynecology and Obstetrics. (A-3313(C1))(484-3313)
- 91) \$ 8,050.00 - "Relaxin, Its Mechanism of Myometrial Action and Assay," for the period September 1, 1960 through August 31, 1961, Department of Pharmacology and Toxicology. (A 3392(C1))(484-3314)
- 92) \$ 4,025.00 - "Chemotherapeutic Agents as Adjuvants to Cancer Surgery," for the period September 1, 1960 through August 21, 1961, Department of Surgery. (CYP-3529(C3))(484-3315)
- 93) Termination date of grant in support of research entitled "Segmental Weight Reduction - 'Spot' or General Exercise" extended through January 31, 1961, Department of Physical Education - Women. (A-2652)(484-2635)

GIFTS AND GRANTS

GRANTS:

74.

National Science Foundation, Washington, D. C., to support the following research projects:

- 1) \$ 635.00 - An additional sum for support of a "Summer Institute in Physics for High School Teachers of Physics," Department of Physics. (G10287, Amendment No. 1) (484-3011)
- 2) \$ 26,300.00 - "Development of a Portable Apparatus for Determination of Absolute Gravity to One Milligal or Better," Department of Geology. (G13472)(484-3194)
- 3) \$104,000.00 - "Economic Model Formulation and Analysis," for a period of approximately three years (July 1, 1960 to July 1, 1963), Social Systems Research Institute. (NSF-G13645) (484-3195)
- 4) \$125,490.00 - "Establishment of a Polar and Geophysical Research Center at The University of Wisconsin," for a period of approximately one year, Department of Geology. (G13890) (484-3197)
- 5) \$ 6,700.00 - "Construction of a Spectroscopic Laboratory," for partial support of the costs, Department of Physics. (G13814) (484-3198)
- 6) \$ 7,450.00 - For support of "Reconstruction of Two Rooms as Laboratories and Renovation of One Laboratory Room," Department of Soils. (G13793) (484-3199)
- 7) \$ 9,700.00 - For the renovation of Botanical Research Greenhouses, Department of Botany. (G13711) (484-3200)
- 8) \$ 13,400.00 - For support of "Modernization of Graduate Research Laboratories in the Department of Mining and Metallurgy." (G13821) (484-3201)
- 9) \$ 9,800.00 - For support of "Renovation of Zoological Research Laboratories," Department of Zoology. (G13714) (484-3202)
- 10) \$ 50,000.00 - For "Modernization of Facilities for Graduate Mathematics Research," Department of Mathematics. (G13794) (484-3203)
- 11) \$ 6,000.00 - For support of "Renovation of Veterinary Pathology Research Laboratory," Department of Veterinary Science. (G13715)(484-3205)

GIFTS AND GRANTS

GRANTS:

74. (Continued)

- 12) \$480,000.00 - For construction of a "Hydrobiology Laboratory," Department of Zoology. (G13741) (484-3206)*
- 13) \$ 97,500.00 - For partial support of the cost of "Construction of Laboratories for Research on Macromolecules," (Chemistry Building) for a period of approximately 3 years. (G-13717) (484-3207)
- 14) \$ 15,200.00 - "Interactions of Genes and Cytoplasm in Pollen Sterile Plants," for a period of approximately two years, Department of Horticulture. (G14117) (484-3245)
- 15) \$ 9,700.00 - "Biochemistry of Repressed Virus Production (Lysogeny)," for a period of approximately one year, Departments of Biochemistry and Genetics. (G14008) (484-3246)
- 16) \$ 3,500.00 - "Interactions between Two Species of Fish," for a period of approximately one year, beginning on or about September 1, 1960, Department of Zoology. (G14293) (484-3279)
- 17) \$ 75,700.00 - "Genetic Determination of Protein Structure," for a period of approximately three years, beginning on or about September 1, 1960, Department of Medical Genetics. (G14240) (484-3280)
- 18) \$ 7,800.00 - "Preparation of a Gravity Map of the United States," for a period of approximately six months, Department of Geology. (G14176) (484-3286)
- 19) \$400,000.00 - A grant to defray a portion of the cost of the purchase of a high-speed computer (CDC 1604). (NSF G13941) (484-3290)
- 20) \$ 29,400.00 - "Genetic Studies of Human Populations," for the period beginning on or about September 1, 1960 for two years, Department of Medical Genetics. (G14207) (484-3291)
- 21) \$ 78,700.00 - "Physical Chemical Studies of Enzymes," for a period of approximately four years, Department of Chemistry. (G14414) (484-3303)
- 22) \$ 10,000.00 - "Determination of Enzymic Mechanisms by Kinetic Studies," for a period of approximately two years, Department of Biochemistry. (G14388) (484-3304)
- 23) \$ 71,400.00 - "Studies in Analysis," for a period of approximately two years, Department of Mathematics. (G-14362) (484-3305)

GIFTS AND GRANTS

GRANTS:

74.

- 24) \$ 40,700.00 - "In-Service Program of Studies of Basic Concepts of Mathematics by Directed Group and Individual Study Using Correspondence Study Materials," for a period of approximately one year, beginning on or about July 1, 1960, Department of Mathematics, University Extension Division. (G13839) (484-3196)

GIFTS AND GRANTS

Supplemental Information

September 1960

	<u>September 1960</u>	<u>September 1959</u>
Research	\$3,812,386.10	\$2,030,622.07
Instruction	413,901.00	601,280.00
Libraries	359.00	361.00
Physical Plant	2,035,071.50	16,900.66
Student Aid	47,470.42	108,142.89
Unrestricted	19,200.00	9,410.00
Miscellaneous	46,597.50	11,586.09
Gifts-in-Kind	<u>8,700.00</u>	<u>62,015.50</u>
Totals, September	\$6,374,485.52 ⁽¹⁾	\$2,480,318.21 ⁽²⁾
Previously Reported	<u>1,529,921.55</u>	<u>2,456,200.61</u>
Grand Totals	\$7,904,407.07	\$5,296,518.82

(1) Includes \$3,896,415 from Federal agencies.

(2) Includes \$1,607,456 from Federal agencies.

SUPPLEMENTAL LIST - GIFTS AND GRANTS (Amounts not included in
totals for Exhibit A)

GIFTS AND GRANTS

GIFTS:

89. \$ 92,500.00 - University of Wisconsin Foundation, Madison, Wisconsin,
representing Miscellaneous gifts received for the Medical
Library Building Fund (Trust).
90. \$ 3,000.00 - The Johnson Foundation, Racine, Wisconsin, for the support
of a research fellowship in industrial psychology during
the year 1960-61. (Graduate School) (47-3469)

GRANTS:

75. \$ 5,330.00 - National Educational Television and Radio Center, Ann Arbor,
Michigan, for the partial support of costs of producing a
series of thirteen radio programs entitled "To Every Man His
Due," - Radio and Television. (47-3467)

RECOMMENDATIONS AND REPORT OF THE VICE PRESIDENT - BUSINESS AND FINANCE

to the

BOARD OF REGENTS

September 9, 1960

I. Recommendations

1. That Wisconsin State Agencies Building Corporation be authorized, subject to the approval of the Governor and the Director of the Bureau of Engineering, to award a contract for construction of Sanitary and Storm Sewers to serve the new Science Building at the University of Wisconsin (Kenwood Campus) - Milwaukee (Project No. 5082) to Joseph E. Dean, Milwaukee, on the basis of his low bid in the amount of \$16,592. (Chargeable to item for Utility Extensions in Schedule of Costs for Milwaukee Science Building approved by the Regents on March 12, 1960. Source of Funds: Wisconsin State Agencies Building Corporation Educational Facilities Building Bonds--Series A of 1959.)

2. That, subject to the approval of the Governor and the Director of the Bureau of Engineering, the contract for bituminous concrete repair of roads and repair of concrete curbs, in the University Houses Area, be awarded to the Construction Supply Company, Madison, Wisconsin, on the basis of the low bid of \$3.33 per square yard for bituminous concrete repair of roads (estimated cost of \$8,325.00 for estimated 2,500 square feet) and \$3.50 per lineal foot for repair of concrete curbs (estimated cost of \$906.50 for estimated 259 lineal feet), chargeable to Fund 472, University Houses Operating Account; and that the Vice President - Business and Finance be authorized to sign the contract.

3. That the Wisconsin 4-H Club Foundation, Incorporated, in accordance with its offer to construct and make available to the University certain facilities at Camp Upham Woods, be authorized to construct an additional cabin on the Camp Upham Woods property in accordance with plans and specifications approved by the College of Agriculture and the Department of University Planning and Construction.

4. That authority be granted to raze Temporary Building No. 14 (Inventory No. 762), and to develop the site as an addition to the hospital visitors' parking lot until it is needed as a part of the site for the Medical School Library.

5. That the attached form (Schedule I) of Memorandum of Agreement with local communities for the operation of Extension Centers and for the operation and maintenance of facilities to be provided by the local communities be approved; that the Vice President - Business and Finance be authorized to sign agreements in this form with communities in which the Regents have authorized the establishment and operation of Extension Centers; and that such agreements, when executed, be reported to the Regents for the record.

Recommendations and Report of the Vice President - Business and Finance
to the Board of Regents - September 9, 1960

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I. Recommendations (Contd.)

6. That the Vice President - Business and Finance be authorized to sign an agreement on behalf of The Regents of The University of Wisconsin covering the transfer from the State Radio Council to the University of Wisconsin of certain equipment furnished by the Fund for Adult Education.

7. That the Vice President - Business and Finance be authorized to sign a renewal agreement with the Madison Bus Company for the operation of the campus bus service on substantially the same terms and conditions as are contained in the agreement for the period September 16, 1959 to September 15, 1960, except that the renewal agreement shall be for an indefinite term, subject to availability of appropriations and subject to cancellation by the Madison Bus Company on September first of any year on six months advance notice to the University. (The University's option to cancel will continue to be sixty days.)

8. That Robert S. Jenks, employee in the Department of Protection and Security, be deputized a University Police Officer.

9. That \$10,000 be transferred from President's Unassigned to Buildings and Grounds - Rent - for the rental of laboratory and office space for the Departments of Astronomy and Meteorology.

B. J.

II. Report of Actions Taken by the State Building Commission on July 18, 1960, Affecting the University

1. On the recommendation of the Governor, the Commission requested the University to re-study the plans for the Gymnasium in an effort to increase the amount of space available to the general student body. It was suggested that the spectator seating capacity be reduced from 2,000 to 500 or 600, that the rowing tanks be eliminated, and that the space for lockers be reduced. In the meantime, the Commission authorized the University and the Secretary of the Building Commission to seek private financing for the construction of the Gymnasium.

2. The Commission authorized the remodelling or construction of the following structures at the Arlington Farm:

Remodelling of two old residences, and construction of a new residence, a poultry brooder house, a livestock shelter for swine, and a swine growing and finishing house.

Costs are chargeable to proceeds from the sale of University Hill Farms.

3. Approved the purchase of the property at 308 North Mills Street, Madison, and appropriated \$18,500 to cover the purchase and related costs.

4. Received from the Department of Administration a preliminary report of a proposed building program for 1961-63, which would include seven major projects at the University of Wisconsin - Madison and two major projects at the University of Wisconsin - Milwaukee. Total estimated cost - \$22,500,000.

III. Report of Actions Taken by the State Building Commission on August 22, 1960, Affecting the University

1. Approved the construction of the First Unit of the Gymnasium to be financed by the Division of Intercollegiate Athletics.

2. Transferred \$15,000 from the allotment for remodelling the Elementary School in Milwaukee to the Milwaukee Heating Plant project to finance the construction of a new 26.4 KV Primary Service Substation.

3. Authorized the preparation of analysis sketches and budget preliminaries for dormitories to house approximately 1,000 single undergraduate students and for apartments to house about 200 married students.

4. Authorized preparation of analysis sketches and budget preliminaries for additional facilities to be constructed in the Memorial Union Building - Wisconsin Center area.

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Recommendations and Report of the Vice President - Business and Finance
to the Board of Regents - September 9, 1960

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III. State Building Commission Actions - August 22, 1960 (Contd.)

5. Agreed to revise the program of analysis sketches for 1961-63 building projects by substituting a free-standing classroom building for an addition to Bascom Hall and to include two schemes for the Engineering facility-- (a) the total facility requested by the University at a cost of some \$5,000,000, and (b) approximately half of the total as proposed by the Department of Administration.

6. Authorized an increase from \$40,000 to \$60,000 in the estimated cost for construction of the Penthouse Addition to the Primate Laboratory on the Madison campus of the University (total chargeable to grant funds). (For action re award of contracts and approval of schedule of costs, see Report of Executive Committee to Regents, September 9, 1960, Item 2.)

7. Requested the Coordinating Committee and the University to prepare certain data relating to estimated student enrollments and housing requirements between 1960 and 1970.

IV. Report of Actions Taken - Contracts and Leases with United States Government for research work, educational programs and services requested by the Government for military personnel and veterans

<u>Agency</u>	<u>Contract No.</u>	<u>Mod. No.</u>	<u>Addnl. Funds Provided</u>	<u>Termination Date</u>	<u>Department</u>	<u>Fund No. (484)</u>
<u>AIR RESEARCH</u>						
1. National Aeronautics and Space Administration	NASw-66	1	\$104,992	4/30/61	Astronomy	2808
<u>ARMY RESEARCH</u>						
2. Chemical Center	Grant DA-CML-18-108- 61-G-6	--	\$ 10,000	Approx. 1 yr. from 9/1/60	Entomology	3323
3. Chemical Center	DA-18-108-CML-5753	12	\$ 433.74	6/30/59	Pharmacy	2014
4. Chicago Ordnance District	DA-11-022-ORD-1851	5	\$ 97.38	6/30/58	Mathematics	2018
5. Signal Supply Agency	DA-36-039-SC-80282	2	\$ 15,800	6/30/61	Meteorology	2837

IV. Report of Actions Taken - Contracts and Leases with United States Government (Contd.)

<u>Agency</u>	<u>Contract No.</u>	<u>Mod. No.</u>	<u>Addnl. Funds Provided</u>	<u>Termination Date</u>	<u>Department</u>	<u>Fund No. (484)</u>
<u>ARMY RESEARCH (Contd.)</u>						
6. Signal Supply Agency	DA-36-039 SC-85188	--	\$ 26,985	8/31/62	Elec. Engin.	3306
7. Office of Surgeon General	DA-49-007-MD-668	8	\$ 13,890	8/31/61	Medicine	2052
<u>ATOMIC ENERGY COMMISSION RESEARCH</u>						
8. Chicago Operations Office	AT(11-1)-64 Project 16	5	\$ 8,710	8/31/61	Chemistry	2129
<u>NAVY RESEARCH</u>						
9. Office of Naval Research	Nonr(F)1640(00)	2	(Re Transfer of Equipment)	Indefinite	Various (Equipment Contract)	
10. Office of Naval Research	Nonr-1202(05)	4	\$ 14,813	9/30/61	Geography	2439
11. Office of Naval Research	Nonr-1202(07)	7	\$ 69,223	1/31/62	Meteorology	2495
<u>HEALTH, EDUCATION, AND WELFARE RESEARCH</u>						
12. Office of Education	SAE-7135	1	\$ 167 (To correct Report of 7/8/60, which gave increase as being \$250)	7/1/61	Education	2346
13. Office of Education	SAE-8961	--	\$ 62,710	7/31/62	Education	3193
14. Office of Education	SAE-8970	--	\$ 57,130	7/31/65	Education	3230
15. Office of Education	SAE-9006	--	\$ 29,042	8/31/63	Education (UW-M)	3307

Recommendations and Report of the Vice President - Business and Finance
to the Board of Regents - September 9, 1960

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IV. Report of Actions Taken - Contracts and Leases with United States Government (Contd.)

<u>Agency</u>	<u>Contract No.</u>	<u>Mod. No.</u>	<u>Addnl. Funds Provided</u>	<u>Termination Date</u>	<u>Department</u>	<u>Fund No. (484)</u>
<u>MISCELLANEOUS: RESEARCH, SERVICE, INSTRUCTION</u>						
16. U.S.Department of Agriculture - Institute of Home Econ. - Human Nutrition Research Div.	12-14-100-1012(61) (Research)	1	\$394 (Reduction)	11/13/60	Foods & Nutrition	2406
17. U.S.Department of Agri- culture - Forest Pro- ducts Laboratory	12-11-012-448 (Rental of IBM Machines)	--	Unit Prices	6/30/61	Numerical Anal.Lab.	--
18. U.S.Department of Inter- ior - Geological Survey	Coop. Agreement Dated 7/1/60 (Water Resources)	--	\$45,000 by each party	6/30/61	Wis.Geological & Natural History Survey	--
19. U.S.Department of Inter- ior - Geological Survey	Coop. Agreement Dated 7/1/60 (Mineral Investi- gations)	--	\$14,000 by each party	6/30/61	Wis.Geological & Natural History Survey	--
20. U.S.Army Support Center Chicago, Illinois	DA-11-175-AV-2241 (Instruction)	2	Tuition & Fees (Extension)	9/13/61	Various	--
21. U.S.Army Central Pro- curement Office Fort Sheridan, Ill.	DA-11-074-AV-2733 (Instruction)	--	Tuition & Fees	12/31/61	Various	--
22. U.S.Armed Forces Insti- tute	IE-47-043-69-61 (Furnishing of Textbooks)	--	\$ 6,039	--	Extension	--
23. U.S.Navy Purchasing Office, Wash., D.C.	N600(22)55589 (Instruction)	Contract & Mod. 1	Tuition & Fees	6/30/61	Various	--

V. Report of Actions Taken - Miscellaneous Non-Federal Contracts, Leases, and Agreements

1. State of Wisconsin Conservation Commission, Madison	Jointly-financed Forestry Research Project - Funds provided for 1960-61 by Commission as follows:		<u>Fund No.</u>
			(47)
	Forest Entomology	\$58,000	3250
	Forest Pathology	52,153	3252
	Forest Soils	32,000	3253
	Forest Genetics	23,000	3251
	Forest Management & Silviculture	8,347	2936
	Forest Economics	3,000	3463

VI. Report of Actions Taken - Contracts and Leases Not in Excess of \$5,000 (Pursuant to Regent Authorization of
January 12, 1957)

<u>Contractor</u>	<u>Project</u>	<u>Chargeable</u>	<u>Amount</u>
1. Madison Silos - Division of American-Marietta Co., Madison	Construction of two silos - Dairy Cattle Research Center - Madison (Project No. 5342)	Gift funds and capital budget of College of Agriculture	\$1,983
2. <u>Lease Agreement - Space - Antigo - College of Agriculture</u> - (See Exhibit B-1, Attached)			

VII. Lease Agreements - Space - Madison and Milwaukee (Pursuant to Regent Authorization of June 7, 1960) (See Ex. B-2, At-
tached)

VIII. Report of Actions Taken - Memorandum Agreements - U.W. Press (Pursuant to Regent Authorization of March 14, 1942)
(See Exhibit B-1, Attached)

IX. Budget Transfers - (See Exhibit B-3, Attached)

MEMORANDUM AGREEMENTS - UNIVERSITY OF WISCONSIN PRESS

<u>Title of Publication</u>	<u>Author</u>
PARTIAL DIFFERENTIAL EQUATIONS AND CONTINUUM MECHANICS	Rudolph E. Langer
OLD GENTLEMEN'S CONVENTION: The Washington Peace Conference of 1861	Robert G. Gunderson
THE INQUIRING MIND	Cyril O. Houle

LEASE AGREEMENT - SPACE - COLLEGE OF AGRICULTURE

<u>Purpose</u>	<u>Lessor</u>	<u>Space</u>	<u>Period</u>	<u>Amount</u>
Potato seed certification work	Charles P. Drab Antigo, Wisconsin	Single room office 720 Superior Street Antigo, Wisconsin	July 1, 1960 to June 30, 1961	\$150 per year (Wisconsin Dept of Agric. shares this office and also pays \$150)

Lease of Space - Authorized by the Board of Regents June 7, 1960

<u>Lessor</u>	<u>Space</u>	<u>Term</u>	<u>Amount</u>
Nathan Paschen	2,200 square feet 3122 N. Downer Avenue Milwaukee, Wisconsin	July 1, 1960 to June 30, 1962	\$350 per month
R. M. Hilgert	750 square feet 319 N. Park Street Madison, Wisconsin	July 1, 1960 to June 30, 1963	\$125 per month
George J. Leonhard	5000 square feet 502 State Street Madison, Wisconsin	September 1, 1960 to August 31, 1966	\$1,000 per month
P & C Incorporated	6,100 square feet 548-550 State Street Madison, Wisconsin	September 1, 1960 to August 31, 1966	\$1,275 per month
Leon Perssion	350 square feet 237 W. Gilman Street Madison, Wisconsin	September 1, 1960 to August 31, 1966	\$80 per month

Note: Space at 520 University Avenue was not leased because its physical layout did not satisfactorily meet our special requirements.

Space at 237 W. Gilman Street is a substitute location that provides a special purpose room thirty feet long required by a Speech Department project.

BUDGET TRANSFERS

<u>Date</u>	<u>Amount</u>	<u>From</u>	<u>To</u>	<u>Purpose</u>
7-19-60	\$300	1-41 President's Unassigned	1-41, Gen Univ Serv, Telephones Equipment, Gen Adm & Gen Exp	Cooling and dehumidifying equipment for telephone switchboard room
8-1-60	\$5,570	1-41 University Extension Sup & Expense, Extension	1-41 University Extension Equipment, Extension	Collator for Duplicating Department
8-17-60	\$ 100	1-41 Naval Science & Tactics Sup & Expense, Instr	1-41 Naval Science & Tactics Equipment, Instr	Copier for office use
7-27-60	\$6,000	1-41 President's Unassigned	1-41 UW-Milw. Summer Session, Salaries & Wages, Instr \$ 900 Sup & Expense, Instr 5,100	Chamber Orchestra Series

President's Unassigned Balance 9-7-60 \$89,132.00

MEMORANDUM OF AGREEMENT
BETWEEN

AND
THE REGENTS OF THE UNIVERSITY OF WISCONSIN

This memorandum of agreement entered into this _____ day of _____
19____, by and between the Regents of the University of Wisconsin, a Wisconsin
Corporation, hereinafter referred to as the University, and _____
_____, hereinafter referred to as _____.

WITNESSETH, That, Whereas, the University and the _____
deem it mutually advantageous to serve the educational needs of the people of the
_____ area by maintaining an Extension Center of the
University of Wisconsin, and,

WHEREAS, _____ owns the following described buildings and
premises to wit, _____

NOW, THEREFORE, in consideration of the mutual covenants hereinafter
contained, the University and the _____ agree as follows:

First: The _____ agrees to, and does by these
presents, lease said aforementioned premises to the University as an Extension
Center during the term of this agreement.

Second: The _____ agrees to provide one-half the
janitorial costs.

Third: The _____ agrees to provide all other
maintenance, including heat, light, water, and gas, as well as repairs and improve-
ments to the buildings and the surrounding premises.

Fourth: The University agrees to maintain, during the term of this
agreement, an Extension Center of the University of Wisconsin in the aforementioned
buildings and to provide an adequate instructional and administrative staff.

Fifth: The University agrees to furnish at its own expense all classroom, library, laboratory and office equipment and supplies necessary for the operation of instructional programs offered in said Extension Center and it is expressly agreed that the University shall permanently retain title to all such equipment and supplies.

Sixth: The University agrees to provide one-half the janitorial costs.

Seventh: The University agrees to provide for payment of telephone service.

Eighth: This agreement shall commence on _____ and extend for an indefinite period subject to the following terms and conditions:

1. It being understood and agreed by and between the University and _____ that this agreement shall be automatically terminated as of June of any year if:

a. Appropriations by the Legislature are insufficient to permit the continued operation of the Extension Center.

b. State legislation concerning higher education in Wisconsin involves a fundamental change in the University's Extension Center Program.

2. It is agreed by and between the County and the University that this agreement may be terminated by either the County or the University as of June 30 of any year upon receipt of written notice to terminate ninety (90) or more days prior to June 30.

IN WITNESS hereof the County and University have hereunto set their
hands and seals this _____ day of _____, 196__.

THE REGENTS OF THE UNIVERSITY OF WISCONSIN

Attests:

Secretary

By _____
Vice President - Business
and Finance

In the presence of:

By _____

REMARKS BY UNIVERSITY OF WISCONSIN PRES. CONRAD A. ELVEHJEM
INTRODUCING THE 1961-63 BUDGET RECOMMENDATIONS TO THE
BOARD OF REGENTS, FRIDAY, SEPT. 9, 1960.

MEMBERS OF THE BOARD:

I am pleased to present at this time, for your consideration, my proposed budget recommendations for the 1961-63 biennium. This is the operating budget for the biennium and does not include our building needs. As you recall, the building priorities were established by you some time ago, and presented to the State Building Commission last month.

The budget I am about to present provides for the enrollment increases and for vital improvements in many key programs which would not be possible without the building improvements recommended. I have been pleased with the awareness of our building needs shown by the governor and the Building Commission and I trust that our most crucial needs for construction will be met in the biennium ahead.

The operating budget I am presenting, then, is based upon that trust, and the figures included were developed as a result of many discussions during the past two years and the suggestions you have made in past meetings. It is in line with the policies which have been emerging from your discussions on the future of the University, and with the policies set down by the Coordinating Committee for Higher Education.

Futhermore, the budget suggested is based upon the needs of our present organized faculty with considerable emphasis on balancing our programs.

The theme of the budget is the desperate need of the University to make progress in fulfilling its obligations to the students, to the people of Wisconsin, and to the nation. For a decade or more the major emphasis of University requests has been to raise salaries in order to attract and retain the kind of faculty and staff required by one of the greatest institutions of higher learning in the United States. Our salaries still lag behind those of most of our institutional competitors and our need for general salary improvement, both faculty and civil service, remains as acute as ever. We can no longer, however, afford to forego major advances in our

research, teaching, and service programs. We need to raise salaries, but we need just as badly to bring our whole operation in line with the best and most fruitful developments in the field of higher education.

This University has operated for more than a decade without significant state-supported improvements except for salary raises. This budget is aimed at halting this lag in our progress and is a budget that, if approved, will enable Wisconsin to face a challenging future with some confidence that the youngsters coming on will find, in their state university, the sort of educational opportunity they need and deserve.

One further point. This is an unfinished budget...open to modifications when necessary. Time and events move so quickly, and what seems like a fact today becomes less certain tomorrow. Looking three years ahead is a difficult task--to say the least. In a moment I expect to suggest possible changes you might like to consider.

But first I would like to call your attention to the general format of the budget document, without going into great detail.

The request is summarized on the opening page--Roman i. This indicates that while the total operational expenditures for the University this year--1960-61 are \$62,913,478, we are suggesting a total budget for next year, 1961-62, of \$71,983,181, and for 1962-63 a total of \$76,370,858.

These figures do not include University Hospitals which are covered in a separate budget, to be presented later. Also on page one of the budget document is an expanded discussion of the budget theme.

The budget analysis begins on Page ii with a separating out of those additional expenditures required to meet established obligations. It will be noted that without any improvements, it will cost more than 600-thousand dollars more next year to operate this University than it now does, and an additional 334-thousand will be required in 1962-63 just to meet these fixed obligations.

The second major category in our budget analysis begins on page iii, the enrollment and service increases the budget was developed to underwrite. Increases in this category--other than enrollments--will be covered by earnings from the services...they are merely a reflection on what you might call business improvements, if educational operations can properly be termed a business.

The enrollment increase figures brings me to the first suggestion for change in the budget figures shown. I risk making Bill Young, Neil Cafferty, Ed Horkan and all the others who have worked to perfect this document, unhappy by doing so, but I am going to recommend, strongly, that they recompute their entire instructional budget in the light of the new information we have gained in the past few days.

The enrollment estimates on which the instructional budget was based were the best we could make, some weeks ago when this part of the request was developed. At that time we expected, for example, that we would have 3,400 new freshmen on the campus this fall, and the figures reflect carrying that number, discounted for the usual dropouts, into the sophomore year next year, the junior year the following fall.

But, as of last night, we had 3,900 new freshmen enrolled--500 more than anticipated when the budget was built. We also underestimated our new freshmen last year, and though the new numbers are included in the computations before you, they were not given much weight in the advanced projections of freshmen next year and the following, since we thought that enrollment spurt probably was a one-time phenomenon caused by the last year's availability of housing.

But with the increase continuing this year, in spite of a tight housing situation, it appears that we should revise our thinking about the future. I therefore am suggesting that we anticipate an additional 400 students next year and an additional 200 in 1961-62, beyond the increase projected in the budget, and provide an additional \$200,000 the first year and 100,000 for the second year of the biennium for their instruction. This figure is based on an average cost of approximately \$500 per student--a compromise between the freshman-sophomore year cost and the junior-senior year cost which is developed in a formula that Bill Young will explain to you later, if you are interested.

The third budget category in the analysis--and the key to this budget request--covers improvement programs and begins on page iv. You will find in this section, in some detail, the major changes we propose for the biennium ahead--the changes we hope will keep this a great university.

Among the most important to these in the instructional area is a program aimed at removing the major disadvantages associated with wide reliance on graduate teaching assistants, support for identification of our most gifted students and challenging them to new heights of achievement, a number of moves to strengthen programs in Milwaukee and to broaden our offerings at the Centers, and a major proposal to move ahead with the use of television in instruction.

A special discussion of a bold new advance recommended in our fine arts area is carried on page v. It is perhaps in this area that the least progress has been made here in the past decade and we propose to remedy the situation with an allotment of "seed money" from the state sufficient to attract major support from other sources. I would not hesitate to predict that for every dollar invested by the state in an enrichment of the fine arts program, we will be able to attract ten to twenty dollars from private sources.

In this category, incidentally, I offer another possible budget change for your consideration. Included in this area is a request for \$25,000 the first year and \$15,000 additional the second, to provide a modest start in the field of architecture--probably courses in design and in the history of architecture.

We have, available for your consideration, a more ambitious proposal in this field--a proposal closer to that made to you and to the Coordinating Committee by a group of Wisconsin architects during the past year. If you have interest in expanding work in this area, we can supply a brief description of a practical start, based on a \$100,000 appropriation and building toward the goal which the architects recommended--a full-scale School of Architecture.

The research improvements recommended on page vi are mainly aimed at achieving the better balance in our research and scholarly endeavors which some of you have advocated. We have asked sufficient to balance the program in relation to state needs and national demands, between applied and fundamental work, between industry and agriculture, and, of prime importance, among the natural sciences, the social studies, and the humanities.

Again, however, I have a change in the stated figures which I would like to recommend to you. Alvin C. Eurich, vice president and director of the Fund for Advancement of Education, in a recent article proposing New Strategy for America's Schools, has pointed out that while agriculture, industry, and almost every other walk of life has reaped huge benefits from research, we in education have slighted our own field--educational research--most seriously.

The budget, as submitted to you, does just that--but quite accidentally. Through a misunderstanding which was discovered only this week, we did not provide for the sort of educational research improvement which we intended and which seems urgent at this time. The budget provides only 15-thousand dollars additional next year and a further increase of 15-thousand in 1961-62. Dr. Eurich, in his well-developed thesis, suggested that at least one half of one per cent of all state educational expenditures should be invested in educational research. The change I propose is more modest...tempered by our School of Education's recent success in obtaining research funds from foundations and other non-state sources. I recommend strongly that \$30,000 be added to the educational research budget in each of the years of the biennium...a minor sum but one that will mean much to our schools and colleges in Wisconsin.

Also among the improvements recommended are changes for the better in our physical plant operation and maintenance which include the development of a reasonable formula for maintenance of 1.25 per cent of the building value in the years immediately ahead, to be reduced to 1 per cent in about five years when we have made up for past deficiencies. Book-buying improvements in the Centers and in Milwaukee especially,

and on the Madison campus particularly in the Law Library, are budgeted and other improvements are recommended in extension and public service programs and in student records and counselling.

Although faculty salary adjustments are not discussed until we get to page x of our analysis, and although we have stressed program improvement throughout the budget, the need for salary increases and the amount budgeted for them are no less than in past years.

At the close of the fiscal year 1959-60 the University of Wisconsin ranked in the lower half of the Big Ten and 19th out of 26 of the major degree-granting institutions of the nation in average academic salaries. In 1960-61, while most of the Big Ten schools granted 8 per cent raises, Wisconsin had only 4 per cent to distribute and therefore lost ground. Our proposal is for a 16 per cent increase next year--sufficient to bring us to the top third of the Big Ten's present averages, and an additional 6 per cent in 1962-63 to keep us in the running.

Without such increases Wisconsin cannot attract the calibre of faculty it needs in the years of stiff competition for good teachers that are ahead.

Similarly, we must make marked improvements in our scholarship program which has lagged behind that of the State Colleges and most other institutions.

For further analysis, we have isolated budget provisions for the University of Wisconsin-Milwaukee on pages xi and xii, and for the Centers on page xiii, though the provisions earlier discussed are University-wide in their application.

I would like to give Bill Young an opportunity, now, to give you further details on the budget but before I do I want to pay a personal tribute to him, to the other members of my administration, the deans, directors, department chairmen and all who have had a hand in developing this request.

It is, I believe, the most forward-looking budget we have developed in some years...a budget that is clear and fully justified...a budget built to fill the needs of this state in a most economical and sound fashion...the sort of budget you and I can stand behind and support, in every detail.

Further, from my contacts out through the state, I gather the impression that it is the sort of budget the people of Wisconsin want, a budget that will enable their University to meet a challenging future with strength and adequacy. It is a budget that will keep the University of Wisconsin great.

##

REPORT OF THE EXECUTIVE COMMITTEE

to the

BOARD OF REGENTS

September 9, 1960

The following resolutions have been adopted by the Executive Committee since the July 8, 1960, regular meeting of the Board, and are presented to the Board for confirmation and for the record:

1. That the President and the Secretary be authorized to execute an easement granting to the Wisconsin Electric Power Company the right, permission and authority to install, maintain and replace an overhead guy wire over and across Lot numbered Six (6), Block One hundred sixty-six (166), Plat of the East one-half ($E\frac{1}{2}$) of the Northwest one-quarter ($NW\frac{1}{4}$) of Section numbered Twenty-nine (29), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, City of Milwaukee, Milwaukee County, Wisconsin.
(Mail vote initiated July 20, 1960)

2. That, subject to the approval of the Governor and the State Director of Engineering, contracts for the Penthouse Addition to the Primate Laboratory be awarded as follows:

General Construction

Roy Kippert Contractors (Low Bidder)	Base Bid No. 1	\$ 31,226.00
Deductions: as per drawing of 7-15-60 which replaced combination spectra-glazed concrete block wall and glass block to concrete block bearing wall; changed 32 aluminum vents to stock units; reframed roofing to use 1 1/2" metal decking throughout; added four (4) sky domes 3'-0" x 3'-0".		
		<u>\$ 3,109.00</u>
All for the total sum of		\$ 28,117.00
Revised Contract Amount		

Plumbing Work

Pharo Heating Company (Low Bidder)	Base Bid No. 2	\$ 4,397.00
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Heating and Ventilating Work

Pharo Heating Company (Low Bidder)	Base Bid No. 3	\$ 19,175.00
Deductions for elimination of steam service, piping and units at Room No. 1		
		<u>\$ 3,866.00</u>
Revised Contract Amount		\$ 15,309.00

Electrical Work

Berman Electric Company (Low Bidder)	Base Bid No. 4	\$ 1,489.00.
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That the Vice President - Business and Finance be authorized to sign the contracts.

2. (Contd.)

That the following schedule of costs for the Penthouse Addition to the Primate Laboratory be approved:

General Construction Work	\$ 28,117.00
Plumbing Work	4,397.00
Heating and Ventilating Work	15,309.00
Electrical Work	1,489.00
Bureau of Engineering, including partial supervision	8,500.00
Contingencies	<u>2,188.00</u>
Total	\$ 60,000.00

Source of Funds:

Grant from National Institutes of Health	\$ 20,000.00
Grant from Ford Foundation	15,000.00
Grant from Research Committee (Original \$5,000)	<u>25,000.00</u>
Total	\$ 60,000.00.

(Mail vote initiated July 21, 1960)

3. That, subject to the approval of the Governor and the Director of the Bureau of Engineering, a contract in the amount of \$5,808.17 (Base Bids 1, 2, and 3) be awarded to Madison Silos, Division of American-Marietta Company, Madison, for the construction of a silo and related work at the Dairy Unit, University Emmons Blaine Farm, Lake Mills (Chargeable to the Emmons Blaine Trust Fund - 99-407), and that the Vice President - Business and Finance be authorized to sign the contract.
(Mail vote initiated August 22, 1960)

4. That, subject to the approval of the Governor and the Director of the Bureau of Engineering, contracts be awarded in the amounts and to the bidders indicated for Remodeling of the High Voltage Laboratory in the Electrical Engineering Building on the Madison campus of the University; and that the Vice President - Business and Finance be authorized to sign the contracts:

General Construction

Roy Kippert, Madison

Base Bid No. 1	\$13,489.00	
Deduct Alt. Bid 1A	200.00	
Deduct Alt. Bid 1B	<u>900.00</u>	
Total Contract Amount		\$12,389.00

Heating & Ventilating

Hyland, Hall & Co., Madison 5,947.00

Electrical

Capital Electric Co., Madison

Base Bid No. 3	\$ 7,821.00	
Deduct Alt. Bid 3A	52.00	
Deduct Alt. Bid 3C	579.00	
Add Alt. Bid 3B	<u>54.00</u>	
Total Contract Amount		<u>7,244.00</u>
TOTAL CONSTRUCTION CONTRACTS		\$25,580.00

(Contd. on page 3)

4. (Contd.)

That the following schedule of costs be approved for Remodeling of the High Voltage Laboratory in the Electrical Engineering Building on the Madison campus of the University:

Total Construction Contracts	\$25,580.00
Contingency	1,120.00
Bureau of Engineering	<u>3,300.00</u>
TOTAL	\$30,000.00.

(Chargeable to State Building Commission appropriation of \$30,000.00 - August 27, 1959.)

(Mail vote initiated August 26, 1960)

5. Approval of Award of Contracts and Schedule of Costs - Six Buildings at University Experimental Farm, Arlington.

(See attached).

(Mail vote initiated August 23, 1960)

6. Resolution Relating to Leasing of Certain Properties of Wisconsin University Building Corporation.

(See attached).

(Mail vote initiated August 19, 1960)

APPROVAL OF AWARD OF CONTRACTS AND SCHEDULE OF COSTS

Poultry Brooder House (Project No. 5292)
 Livestock Shelter for Swine (Project No. 5293)
 Swine Growing and Finishing House (Project No. 5293)
 Residence at Farm Service Center (Project No. 5294)
 Sheep Center (Halsor Residence) (Project No. 5296)
 Sheep Center (McLeish Second Residence) (Project No. 5296)

University Experimental Farm - Arlington, Wisconsin

5. That, subject to the approval of the Governor and the Director of the Bureau of Engineering, contracts to the bidders and in the amounts indicated be awarded for the six projects (all located at the University Experimental Farm - Arlington) listed below; and that the Vice President - Business and Finance be authorized to sign the contracts:

Poultry Brooder House

General Construction - Base Bid #1		
Maier Construction Co., Box 2022, Madison, Wisconsin	\$16,700	
Plumbing - Base Bid #2		
Thier Hardware, DeForest, Wisconsin	320	
Heating and Ventilating - Base Bid #3		
Thier Hardware, DeForest, Wisconsin	1,850	
Electrical - Base Bid #4		
Fred Polnow, Rio, Wisconsin	<u>815</u>	\$19,685

Livestock Shelter For Swine

General Construction - Base Bid #1	\$8,912	
Deduct Alternate Bid #1A-b	-1,143	
H. A. Sylvester and Robert Morgan, Madison, Wisconsin	<u>7,769</u>	
Plumbing - Base Bid #2		
Thier Hardware, DeForest, Wisconsin	795	
Electrical - Base Bid #3		
Thier Hardware, DeForest, Wisconsin	<u>272</u>	\$ 8,836

Swine Growing and Finishing House

General Construction - Base Bid #1B		
Chase, Inc., Sun Prairie, Wisconsin	\$20,700	
Heating and Ventilating - Base Bid #2		
Thier Hardware, DeForest, Wisconsin	1,526	
Electrical - Alt. Bid #4A		
Fred Polnow, Rio, Wisconsin	<u>797</u>	\$23,023

New Residence at Farm Service Center

General Construction - Base Bid #1		
Maier Construction Co., Madison, Wisconsin	\$13,900	
Plumbing - Base Bid #2		
Oasen Plumbing Co., Madison, Wisconsin	2,140	
Heating and Ventilating - Alternate Bid #3A-1		
Bob G. Engler Co., Horicon, Wisconsin	1,060	
Electrical - Base Bid #4		
Fred Polnow, Rio, Wisconsin	<u>773</u>	\$17,873

Sheep Center (Halsor Residence Repair)

General Construction - Base Bid #1	\$4,940	
Shutters - Unit Bid #1U-1	40	
Fred Bachman, Sun Prairie, Wisconsin	<u> </u>	\$ 4,980
Plumbing - Base Bid #2		
Thier Hardware, DeForest, Wisconsin	720	
Heating and Ventilating - Base Bid #3	\$1,320	
Kitchen Fan - Base Bid #3A	77	
Thier Hardware, DeForest, Wisconsin	<u> </u>	\$ 1,397
Electrical - Base Bid #4		
Thier Hardware, DeForest, Wisconsin	545	
Electrical for Sheep Barns - Base Bid #5		
Fred Polnow, Rio, Wisconsin	<u>447</u>	\$ 8,089

Sheep Center (McLeish Residence Repair)

Heating and Ventilating - Base Bid #1		
Bob G. Engler Co., Horicon, Wisconsin	665	
Plumbing - Base Bid #2		
Thier Hardware, DeForest, Wisconsin	1,495	
Electrical - Base Bid #3		
Wiersma Electric Co., Randolph, Wisconsin	<u>320</u>	\$ 2,480.
		\$79,986.

That the following schedule of costs be approved for the foregoing six projects at the University Experimental Farm - Arlington:

Contract Totals

Poultry Brooder House	\$19,685	
Livestock Shelter for Swine	8,836	
Swine Growing and Finishing House	23,023	
New Residence at Farm Service Center	17,873	
Sheep Center (Halsor Residence Repair & Electrical System)	8,089	
Sheep Center (McLeish Residence Repair)	<u>2,480</u>	\$79,986
Contingent Fund		4,139
Engineering		<u>1,875</u>
TOTAL		\$86,000

(Chargeable to proceeds from sale of Agricultural Lands - Section 20.830(49)).

RESOLUTION RELATING TO LEASING OF CERTAIN PROPERTIES OF
WISCONSIN UNIVERSITY BUILDING CORPORATION

6. That the action of the Regents adopted on January 9, 1960, appearing on pages 13 and 14 of the minutes of the meeting of the Regents held on that date, relating to the leasing and purchasing of the properties of Wisconsin University Building Corporation as listed on Schedule I-A and Schedule I-B, attached to said minutes, be rescinded; and that the following action, covering all of said properties, be adopted in lieu thereof:

That, subject to the approval of the Governor and the Commissioner of the Department of Administration, the properties listed in Schedule I attached, all located in the City of Madison, Dane County, Wisconsin, be leased for the period July 1, 1960 to October 21, 1981, from Wisconsin University Building Corporation at the annual cash rentals listed in Schedule I attached, payable annually on or before July 10th, beginning with July 10, 1960, and ending with the rental payment due July 10th immediately preceding the termination date, with respect to each property, as listed in Schedule I attached, with all charges for maintenance, operation, insurance, taxes, and other costs to be borne by the lessee, with the option to prepay rents with respect to any or all of the properties, and with the provision that the lease shall be terminated, with respect to any property, whenever the lessor shall have received rentals sufficient to pay the principal and interest on its indebtedness on such property and shall have been reimbursed by the lessee for its otherwise unreimbursed costs, including recording fees and fees for continuing the abstract of title to show title to such property in the name of The Regents of The University of Wisconsin; and that the President and the Secretary be authorized to sign the lease.

SCHEDULE I

<u>Properties</u>	<u>Annual Rentals</u>	<u>Termination Dates</u>
(1) Lots One (1), Two (2), Three (3), Four (4), Five (5), Fourteen (14), Fifteen (15), Sixteen (16), Seventeen (17), and Eighteen (18), Block Three (3), Central Homes Addition. (Parcel Nos. 199-1, 199-2, 199-3, 199-4, 199-5, 199-14, 199-15, 199-16, 199-17, 199-18, respectively).	\$557.28	January 20, 1976
(2) West One-half ($W\frac{1}{2}$) of South One-half ($S\frac{1}{2}$) of Lot Ten (10), Block Two (2), University Addition. (938-40 West Johnson Street-Parcel No. 137-18.2).	843.07	July 18, 1976
(3) West One-half ($W\frac{1}{2}$) of Lot Nine (9), Block Five (5), University Addition, subject to right of way agreements (Doc. No. 548536 and Doc. No. 551315). (730-36 University Avenue - Parcel No. 143-22).	2,141.86	September 12, 1976
(4) East One-half ($E\frac{1}{2}$) of North Eighty (80) feet of Lot One (1), Block Two (2), University Addition. (935 University Avenue - Parcel No. 137-5).	903.84	October 2, 1976
(5) West One-half ($W\frac{1}{2}$) of Lot Two (2), Block Two (2), University Addition, (929 University Avenue - Parcel No. 137-6).	1,192.45	January 8, 1977
(6) The North Forty-one feet ($N41'$) of Lot Ten (10), Block Sixteen (16), University Addition. (Parcel No. 167-22; also known as 209-11 North Brooks Street).	751.93	January 15, 1977
(7) Lot Seventeen (17), Block Two (2), Central Homes Addition. (Parcel No. 197-17).	37.98	February 17, 1977
(8) Lots Three (3) and Four (4), Block Four (4), Central Homes Addition. (Parcel Nos. 201-3, and 201-4, respectively).	37.98	February 17, 1977
(9) Lot Ten (10), Block Four (4), Central Homes Addition. (Parcel No. 201-10)	34.18	February 20, 1977
(10) East One-half ($E\frac{1}{2}$) of South One-half ($S\frac{1}{2}$) of Lot Ten (10), Block Two (2), University Addition. (936 West Johnson Street - Parcel No. 137-18.1).	812.69	April 18, 1977
(11) Lot Nine (9), Block Four (4), Lot Four (4), Block Two (2), and the East One-half ($E\frac{1}{2}$) of Lots One (1) and Two (2), Block Two (2), Central Homes Addition. Parcel Nos. 201-9, 197-4, and 197-1, respectively).	136.71	April 18, 1977

SCHEDULE I (Page 2)

<u>Properties</u>	<u>Annual Rentals</u>	<u>Termination Dates</u>
(12) Lot Five (5), Block Nine (9), Brook's Addition. (Parcel No. 499-5; also known as 1109-11 West Johnson Street).	\$1,129.41	April 22, 1977
(13) The East One-half ($E\frac{1}{2}$) and the West One-half ($W\frac{1}{2}$) of Lot Three (3), Block Sixteen (16), and the West One-half ($W\frac{1}{2}$) of Lot Nine (9), Block Two (2), University Addition. (Parcel Nos. 167-8, 167-7, and 137-17, respectively; also known as 919-923-932 West Johnson Street, respectively).	1,731.72	April 28, 1977
(14) Lots Fourteen (14) and Fifteen (15), Block Two (2), Central Homes Addition; the West One-half ($W\frac{1}{2}$) of Lot Eight (8) and the West One-half ($W\frac{1}{2}$) of Lot Nine (9), Block One (1), Lots Twelve (12), Thirteen (13), and Sixteen (16), Block Two (2), and Lot Eight (8), Block Four (4), Central Homes Addition; the South Forty-nine Feet (S49') of the North Eighty-nine Feet (N89') of Lots Six (6) and Seven (7), Block Fifteen (15), Brook's Addition; and the East One-half ($E\frac{1}{2}$) of Lot Eight (8) and the East One-half ($E\frac{1}{2}$) of Lot Nine (9), Block One (1), Central Homes Addition. (Parcel Nos. 197-14, 197-15, 195-9, 197-12, 197-13, 197-16, 201-08, 511-7, and 195-8, respectively).	318.46	June 4, 1977
(15) Lot Eleven (11), Block One (1), Central Homes Addition. (Parcel No. 195-11).	49.37	June 16, 1977
(16) Lots Four (4) and Five (5), Block One (1), Replat of a part of Outlot One (1), University Addition. (Parcels No. 173-3, and 173-4, respectively).	100.70	September 25, 1977
(17) South Forty (40) feet of Lot Nine (9) and all of Lots Ten (10), Eleven (11), Twelve (12), Thirteen (13), Fourteen (14), Twenty-Two (22), Twenty-Three (23), Twenty-Four (24), and Twenty-Five (25), Block Fifteen (15), Brook's Addition, subject to right-of-way agreement (Doc. No. 474764). (Parcel Nos. 511-11, 511-12, 511-23, 511-24, 511-25, 511-26, respectively).	2,595.70	September 30, 1977
(18) The West One-half ($W\frac{1}{2}$) of Lot Four (4), Block Seventeen (17), University Addition. (Parcel No. 169-13; also known as 1015 West Johnson Street).	683.46	October 31, 1977

SCHEDULE I (Page 3)

<u>Properties</u>	<u>Annual Rentals</u>	<u>Termination Dates</u>
(19) Lots Two (2) and Three (3), Block One (1), Replat of a part of Outlot One (1), University Addition. (Parcel No. 173-2; also known as 101 North Mills Street).	\$1,548.70	January 2, 1978
(20) Lots One (1), Two (2), and Three (3), Block Fifteen (15), Brook's Addition. (Parcel Nos. 511-1, 511-2, 511-3, respectively).	593.42	September 17, 1978
(21) Lot Six (6), Block Three (3), Central Homes Addition. (Parcel No. 199-6).	27.93	April 27, 1979
(22) The South Thirty-five feet (S35') of Lot Five (5), Block Sixteen (16), University Addition. (Parcel No. 167-14; also known as 214 North Park Street).	576.96	March 1, 1980
(23) Lot Twelve (12), Block One (1), Central Homes Addition. (Parcel No. 195-12).	44.50	October 21, 1981

8/26/60

COUNSELING AND ADVISING AT THE UNIVERSITY OF WISCONSIN--MADISON CAMPUS

Counseling and advising are popular topics in both secondary and higher education. Practically all national conferences on education close with recommendations for more counseling services. For several years our Board of Visitors has urged the immediate expansion of our own program.

Along with the discussions of counseling at the University level, there has been considerable misunderstanding about the terms "counseling" and "advising." Actually, there are so many interpretations that these terms are in the category of a "semantic wonderland." To assist in clarifying our thinking on this campus, Dr. Drake, the Director of our Student Counseling Center, has prepared a full statement which defines the terms as we use them. The essence of his report is that counseling aids a student to make a satisfactory adjustment to his academic work, vocational choices, social adjustment and emotional problems. Advising is principally the assistance given a student in selecting appropriate academic courses which provide an orderly sequence of subjects which he will take in pursuit of his degree.

Although there are many justifications for broadening our student counseling program and greatly expanding the staff we presently have, we have not made any final recommendations without first conferring with the college Deans and Associate Deans. We believe our growth will be most helpful to the entire student body when counseling has the chance to become an integral part of the administrative practices and policies of all the colleges.

We wish to grow in harmony with the steadily increased understanding and sympathy for counseling on the part of the entire faculty.

Further, it is our earnest desire to have the advisers, in particular, influenced by the counseling concept. The Counseling Center will, then, be a source of information and reference for professional assistance for the entire University. What we want to avoid is an attitude which will result in the professors and advisers simply referring students to the Center if there is any problem of any kind, rather than to share the responsibility for student guidance. It is our aim to have all of them willing to give what assistance they can and have the understanding which will lead them to referring the more difficult cases to the Center for the professional assistance which is within the competence of our counselors.

During the past four years we have had a modest, but steady growth in our counseling staff. In 1957-58 we had $6\frac{1}{2}$ full-time positions and we currently have $9\frac{1}{2}$. We have also made recommendations for the addition of two counselors in 1961-62 and two more in 1962-63. We have also considered the time of the personnel in the Deans' offices which is devoted to counseling. Following is the estimate of the time, by positions:

Letters and Science	2 1/2
Law	3/4
Medicine	1/2
Commerce	1
Education	1 1/2
Engineering	2 1/2
Pharmacy	1/2
Graduate School	1
Agriculture	1
	<hr/>
	11 1/4

The following statements have been worked out with the Counseling Center staff and representatives from the Deans' offices: (A major portion of these statements were discussed at the July meeting of the Education Committee of the Regents.)

The objective should be that ultimately the student will develop a realistic concept of himself so that he will be able to face new situations as they arise and resolve them.

The faculty adviser is available to assist the student in regard to course requirements, working out class schedules, selection of courses, i.e., registration. He also, has an opportunity to be of more assistance than merely in regard to the routine of registration. If he so desires and if the student is agreeable, the adviser may come to know the student and any problems which appear to be of concern to the student. The adviser, then, may be able to assist the student as a friendly representative of the University or refer the student to some agency on the campus better qualified to deal with the situation. The faculty adviser cannot be expected, and is usually not qualified by training and experience, to treat students who are, for example, in ill health, emotionally disturbed, confused regarding goals, immature, lacking in academic motivation, or in conflict with home or authority.

The persons on the staff of the Associate Deans' Office, besides applying the rules and regulations of the College, can usually go into other matters with the student more thoroughly than can the adviser. This is especially true if the members of the staff have had training and experience in counseling. Also, they usually know more about the student than the advisers. Test-scores, actions of various sorts, reports from instructors, reports from advisers, or comments from living units in special cases are usually kept in a folder for a student and are available to the staff. Often, temporary problems or "blocks" are cleared up or removed so that the student may become more effective. Often, however, problems and situations come to light that cannot be dealt with in the Dean's Office. In such cases the student is then referred to another agency on the campus. What situations may be handled in the Deans' Offices depend upon the time available, the qualifications of the staff, and the facilities available.

There are certain prerequisites for counseling if it is to be in much depth and conducive to growth. Some of these are as follows:

1. The counselor must be well trained in psychology, counseling techniques, and psychometrics.
2. He must confer with the student in private.
3. He must be able to establish a permissive atmosphere so that the student will feel at ease and be able to relate anything without fear of being judged good or bad or that his status in the University will be affected. This means that the conferences must be strictly confidential.

4. There should be sufficient time so that any aspect can be covered that appears to be important.
5. Facilities must be available so that psychological testing, and retesting can be done conveniently.
6. The whole process must be voluntary on the part of the student.
7. Procedures must be established for quick referrals of severely disturbed individuals to psychiatry.

The Student Counseling Center has all these prerequisites and adheres to them rigidly. Some 1,500 to 2,000 students utilize the services annually and it is expected that as more people and agencies on the campus become more familiar with students and develop more of an understanding of students that the number of students coming to the Counseling Center will at least double.

Following are our immediate proposals for improving our counseling program:

1. The addition of four counselors during the coming biennium.

2. The introduction of a pilot study that will be put into operation this fall to spread the counseling services over the campus geographically. "Specifically, it is proposed that a staff member of the Student Counseling Center be assigned several half days a week to an office in the dormitories and another member, part-time, to the Dean of Women's Office. These persons would be available for immediate referrals and would be more conveniently located for all students in these areas, they would however be responsible directly to the Director of the Student Counseling Center and function as they do in the Student Counseling Center, namely, in a confidential relationship with the student.

Comment: Such a pilot study should yield some evidence for planning programs for an expanding campus as well as to find out whether convenience of location is important for students with problems as well as whether or not it would be feasible to spread such a program into other areas, such as academic deans' offices, personnel deans' offices and specific living units.

3. The present program of advising should be continued and expanded. The advisers must be better informed regarding their functions. They should become better acquainted with the special services on the campus and come to see themselves as the representatives of the university to the students.

4. A continuing program of research should be carried on regarding methods of advising and counseling, diagnostic techniques, measurement devices, factors influencing academic progress and factors contributing to or inhibiting the growth and maturation of students within the university.

We will continue to give periodic reports about our Counseling Center program on the Madison campus to the Board of Regents and the Board of Visitors.

A report of counseling on the Milwaukee campus has been prepared by Dr. Sullivan, the Director, and copies of it are being sent to all members of the Education Committee of the Regents.

COUNSELING AND RELATED SERVICES

University of Wisconsin--Milwaukee

A typical student will usually make his initial contact with the Department of Student Counseling via the American College Test program. These tests are administered at intervals during the senior year of high school and during the following summer.

His next contact may occur while his application for admission is being processed if he is required to take entrance examinations. Students who are questionable risks are referred by the Office of Admissions for counseling which may direct the student toward other goals. Similarly those who are refused are advised that they may confer with the Counseling Department.

The students who have been admitted of course, comprise the bulk of those we serve and we intend here to describe the services available to them.

After the student is admitted the Counseling Office is notified of the action and the student then becomes involved in pre-enrollment counseling which includes data-gathering, testing, and counseling.

Initially the parents receive a letter with an enclosed questionnaire. The letter informs them that their child will soon be tested and, at his option, counseled. The letter includes statements concerning the purposes of such testing and counseling and invites them to participate by returning an informational questionnaire.

Subsequently the student receives an envelope containing information about the services available in the Counseling Department, a letter explaining the testing program he is about to participate in, an extensive information booklet which he completes and a notice indicating his testing date.

On the testing date the student completes the same tests as the Madison enrollees plus some of relevance to Milwaukee. At the end of the test period the students are told they will be notified when the tests are scored and they may request a conference (prior to merger these conferences were compulsory; now, though over 90% request conferences we can serve only between 35 and 40% before September registration).

The student who elects to have a conference reports to the Vocational Information Library which is located in our office suite. For approximately twenty minutes he becomes acquainted with information related to his vocational and educational objectives. He then is given a letter which structures the interview he is about to have and he then is introduced to his counselor.

His conference is principally directed toward the consideration of the appropriateness of his selected objective and/or institution. If he can reasonably contemplate a university program, attention is directed toward the university structure and programs and to his specific program. Attention may also be directed toward special curricula or programs such as Honors Programs, College Reading, How to Study Laboratories, Financial Aids or special clinical services.

At the close a conference summary is written with the student participating. A copy is eventually mailed to the student. Another copy with an attached test profile and a more penetrating analysis of the student is sent to the student's adviser and to his Dean.

If in the initial stages of the conference it is obvious that the University program is inappropriate, alternative programs and/or institutions are explored.

The pre-enrollment conference is we feel, the foundation upon which a comprehensive counseling and guidance program can be built. After this conference some students will seek out alternative programs or institutions. For those that remain follow-up or subsequent services are provided.

Withdrawals

All withdrawal actions are begun in the Counseling Office. Students contemplating withdrawal confer with their original counselor to determine the appropriateness of the action. If the student is of University caliber the student's attention is directed toward University or community resources that could make withdrawal unnecessary. If such is impossible, a plan for future re-entry is developed.

For those who demonstrate inadequate potential a departure program is developed which is appropriate to the needs, aptitudes and preferences of the student.

Readmission

Students who have been dropped from the University receive a letter which advises them that they may confer with the Counseling Department. Regardless of whether they do so, before they can be readmitted they must schedule such a conference at which time they are again given the opportunity to evaluate the appropriateness of readmission. Reports of the outcomes of these conferences are forwarded to the Associate Deans and Directors.

Admission with Advanced Standing

These students comprise a special category of admission applicants. The frequency of former educational misadventures is high and such students are routinely referred to the Counseling Department for intensive screening and evaluation.

Admission to Professional Schools

Students not meeting requirements for admission to the School of Education and the School of Commerce may appeal the denial of admission. Not routinely, but very frequently such students are referred to counseling prior to administrative decision.

Honors Program Conferences

At the request of the Honors Committee the Counseling Department evaluates all applicants for Honors Program participation. In addition, the Department invites for interview those students who demonstrate honor potential but have not applied.

Evening School Counseling

Evening school students have the regular services of a counselor one evening per week. Other evenings counselors are available by appointment. These tend to be adults with special type problems not identical with the younger day time group.

Community Counseling Services

The Counseling Department is listed in the National Directory of Approved Counseling Services. This listing results in requests for services not necessarily related to the immediate University community. Similar referrals also originate in community agencies and professional personnel in the Milwaukee area. Such requests are handled on a fee basis. Requests for college guidance services head the list though they range from cases of individuals experiencing job dissatisfaction through emotional disturbance.

Related Services and Activities

College Reading

Students continue to come to the University with reading skills incommensurate with their potentiality. Seven sections enrolling 105 students are offered each semester. Enrollment is by selection.

Two sections for adults are offered each semester in the Evening School program.

How To Study Laboratories

Study laboratories are scheduled before six weeks and final examination periods. Five two hour sections dealing with study techniques accommodate fifty students at each interval.

Psychiatric Referral

Students exhibiting gross personality and/or emotional disorders are screened by the Counseling Department. Students can be referred, for diagnostic purposes to any one of a group of four psychiatrists in cooperation with the Medical Department.

Institution Information Services

The switchboard directs numerous calls to the Counseling Department. Some of these are simple questions for information regarding the University campuses and programs throughout the state. A greater proportion seem to be related to placating individuals registering various levels of ire, such as arousals usually associated with misinformation, misunderstanding or a feeling of having been dealt with unjustly.

In-Service Training Program

This program in Milwaukee has two aspects, one directed toward high school counselors and the second toward faculty advisors.

High School Counselors

About 95% of our students come from high schools whose counselors are members of one of three groups - the Milwaukee Counselors Association, The Suburban Counselors Association, or the Braveland Counselors Association. Meetings to orient these three groups to the University generally, but to the Milwaukee campus specifically have been held. Specific information dealing with problems of admission, expectancy

of success, and attrition has been shared with them.

For the past two summers high school counselors have been employed for six week periods to perform actual counseling duties in the Counseling Department.

Faculty

In-service training for faculty advisers has centered about case conferences.

Veterans Information and Draft Registration

Students obtain information regarding benefit programs and students reaching draft age may register through the Department rather than Draft Headquarters.

Foreign Student Advisement

One counselor of the Department is budgeted 1/10 time for foreign student advisement.

Test Services

College entrance

Students requesting admission at other universities and colleges may request proctoring services which enable them to be tested locally (fee basis). These services are available for undergraduate and graduate applicants.

High School equivalency

Certain training programs and civil service positions require various levels of high school training or its "equivalent." The department administers equivalency examinations which are forwarded to the University's Bureau of Industrial Psychology for scoring and interpretation.

Research Activities

Since integration, studies have principally been concerned with the quality of the student body, development of expectancy tables and similar studies of immediate institutional significance. Questions, for instance, such as "Has the integrated institution (UW--M) attracted a lower quality student than the former separate institutions?" had to be answered.

At present we are conducting an extensive study of the freshmen who entered in the falls of 1957, 1958 and 1959 to determine the quality of the student body and the outcomes of instruction.

Half completed is a two semester study to determine whether the student loan provision of the National Defense Act has had measurable effects on withdrawal.

Also in progress is a study to determine the common characteristics of underachieving but potentially superior students. Inadequate performance of these students is a serious problem.

Requests for New Services

The initiation of the graduate program in psychology has led to an exploration of possibilities that practicum training experiences could be provided. We have been requested to furnish graduate training experiences in psychometrics and case study. Graduate students conducting independent studies related to the work of our department will also be cooperatively supervised.

A similar arrangement is expected to develop with the School of Education.

A series of orientation seminars are being designed for parents. These will enable the parents to become informed about the campus, its organization, the programs of studies and parent-child relationships at the college age interval. With so many students living at home and thereby occasioning unique problems we are faced with the necessity of enabling the home to become acquainted with the campus.

As can be inferred from the above, certain principles related to the development of guidance services on the Milwaukee Campus, have evolved; the Counseling Program should:

1. Provide the services that enable the University to proceed most expeditiously toward the accomplishment of its central purpose - that of instruction.
2. Reflect the special needs and characteristics of the campus it serves.
3. Be related to the needs of the community which the institution serves.
4. Be cognizant of the national problems of identification and development of talent wherever it can be discovered.
5. Begin with the studied needs of students and provide services consonant with such needs.
6. Initiate, design, and conduct continuing research concerning the characteristics of the student body. Further it should be a participant in augmenting the research of others in the University community.
7. Embrace a sufficiently wide range of services to enable the staff to keep professionally alert, competent, and versatile.
8. View a complete and successful university experience as a joint home, school and student effort.
9. Permeate the campus community and have its influence felt in the philosophy, practices and services of the total University program.