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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin: July 8, 1960. 1960**

Madison, Wisconsin: Board of Regents of the University of  
Wisconsin System, 1960

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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, July 8, 1960, 9 A.M.

President Steiger presiding

PRESENT: Regents Bassett, DeBardleben, Friedrich, Gelatt (entered meeting at 9:20 A.M.), Jensen, Rennebohm, Steiger, Watson, Werner.

ABSENT: Regent Konnak.

Upon motion of Regent Werner, seconded by Regent Bassett, it was VOTED, That the minutes of the annual meeting of the Board held on June 7, 1960, be approved as sent out to the Regents.

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REPORT AND RECOMMENDATIONS OF THE PRESIDENT  
OF THE UNIVERSITY

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

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Upon motion of Regent DeBardleben, seconded by Regent Werner, 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 Pro-

fessor, 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 Mae Altpeter, Fort Atkinson, Wisconsin, to the University of Wisconsin, to be added to the Guy Black Scholarship Fund, be accepted by The Regents of The University of Wisconsin according to the terms and conditions of the Last Will and Testament of Mae Altpeter, 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 this bequest to the University of Wisconsin.

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Upon motion of Regent Rennebohm, seconded by Regent Jensen, it was VOTED, That the bequest by the late Rupert G. Kurz, Madison, Wisconsin, to the University of Wisconsin Medical School for heart research at Madison, be accepted by The Regents of The University of Wisconsin according to the terms and conditions of the Last Will and Testament of Rupert G. Kurz, 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 this bequest to the University of Wisconsin.

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Upon motion of Regent Watson, seconded by Regent DeBardeleben, it was VOTED, That the budget for the Anonymous Trust Fund be increased from \$20,000 to \$25,000 for the year 1960-61, with the increase to be used for projects to be recommended by the Anonymous Fund Committee and approved by the President of the University.

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President Elvehjem noted that the Regents had received a report on the proposed ten-year construction program for the Division of Residence Halls (copy on file, covering proposed construction during 1960-70 of University housing units for 6,350 students). President Elvehjem stated that this fall there will be a larger number of students coming to the University than was anticipated; and that, contrary to last fall, there will be a shortage of student housing. He indicated that the University would have to depend on private housing for the increased number of stu-

dents for the next several years and that plans should be begun now for the future expansion of University of Wisconsin housing facilities. He presented the following recommendation:

That, subject to the approval of the Coordinating Committee for Higher Education, the President of the University be authorized to request the State Building Commission to authorize the preparation of analysis sketches and budget preliminaries for dormitories to house approximately 1000 single undergraduate students and for apartments to house about 200 married students at the University of Wisconsin in Madison, and that after approval by the Coordinating Committee for Higher Education Wisconsin University Building Corporation be authorized to sign applications to the Federal Housing and Home Finance Agency for the necessary loan assistance.

At the request of President Elvehjem, Director Newell J. Smith explained the proposal for planning for additional University-operated student housing. He reported that this fall not only would University-operated housing be full, but that private housing would be about 300 spaces short of taking care of the women students. Noting that about a year is required for preparing plans and about a year and a half for construction, Director Smith stated that it would be several years before additional University housing for students could be provided, if plans are begun now.

*Corrected* *Ra* *9-9-60* Regent Rennebohm inquired how long since projected estimates of student housing shortages had come true. He was advised that last year was the only year, since the start of the expansion of the student housing facilities, in which there was <sup>not</sup> a shortage, and it was explained that this was due to placing on the market, at one time, the new facilities provided by Chadbourne Hall, the dormitories West of Elm Drive, and 400 married student apartments. It was also explained that there are normally some vacancies in the University residence halls in the second semester, due to students dropping from the University after receiving their first semester grades. Regent Rennebohm was concerned that the University might be taking property off the tax rolls, eliminating existing private housing to provide sites for University-operated housing of students who could just as well be taken care of by private housing. President Elvehjem distributed a tabulation of private housing facilities for University students. Director Smith estimated that the proposed ten-year construction program of University-operated student housing would take care of about one-half of the total of the increased enrollment and of the students displaced from private housing in the area south of University Avenue during that period. Regent Rennebohm stated that he did not believe it was the job of the Regents to build places for students to live in and then invite them to come to the University. He felt rather that difficulty in finding living quarters would result in a greater portion of the more desirable students entering the University.

(Regent Gelatt entered the meeting at 9:20 A.M.)

Regent Bassett stated that the question goes beyond whether there are vacancies in the University dormitories when millions of tax dollars are contemplated for student housing. President Elvehjem stated that tax funds were not used to provide student dormitories, and stated that the University would have to continue to rely on private housing facilities to handle a large portion of the student housing load.



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

Dean Luberg reported on the situation with respect to the privately-operated student housing facilities.

Regent DeBardleben suggested that the University should be thinking about preliminary plans for University student housing accommodations considerably in excess of 1000 students, in view of the estimated enrollment increases and in view of the length of time required to complete new units after planning is begun. President Elvehjem replied that the recommendation represents a beginning point and that the University will have to continue to plan for construction of additional units. Vice President Peterson explained that the University will have to gear its student housing construction program to what the housing market will bear, in order not to throw too much of a burden on the private landlords by depriving them of too much of the market at any one time. He estimated that about 1000 new spaces a year is about all that the University dare throw on the market at one time. Regent DeBardleben inquired whether private housing could be counted on to provide more housing facilities. Director Smith replied that, due primarily to student housing being a nine-month operation, he did not expect much more private housing construction, but that he expected student housing in private facilities would spread out to a larger area around the campus. Director Smith stated that the University would run the risk of curtailing enrollment by not providing adequate housing. Vice President Harrington stated that the Coordinating Committee for Higher Education has taken the position that lack of student housing should not be used to restrict enrollment.

Vice President Peterson called attention to the fact that in the past the State had provided the land for University dormitories and other student housing facilities; and that, unless the State purchased the land for this program, a substantial increase in dormitory rates will be required, over and above the increase in rates that will be required due to increased operating costs and costs of financing the construction program. Regent Rennebohm inquired whether the University had land available south of University Avenue that could be used for this purpose; and he was advised that land in that area is being reserved for expansion of academic buildings.

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

Vice President Harrington stated that he assumed the Regents have no objection to planning on having 1000 new units a year from now on. Regent Bassett replied that he did not know that that was a fair statement. President Elvehjem stated that the University administration would present another resolution in about a year so that the Regents can determine what they want to do at that time.

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President Elvehjem presented the following recommendation:

That, subject to the approval of the Coordinating Committee for Higher Education to the extent required, the President of the University be authorized to request the State Building Commis-

sion to authorize the preparation of analysis sketches and budget preliminaries for additional facilities to be constructed between the Memorial Union Building and North Lake Street, and between Langdon Street and Lake Mendota, including an auditorium addition for the Wisconsin Center, alumni headquarters facilities, and additional facilities for the Memorial Union.

Vice President Peterson explained that the form of the two recommendations above was due to the fact that the Coordinating Committee for Higher Education had reiterated its requirements that justifications for proposed student housing programs be submitted to it, and to the fact that the new procedures for the State Building Program require the preparation of analysis sketches and budget preliminaries as a first step in building projects in order to determine cost estimates and timing of planning construction. Regent Watson inquired whether tax funds would be involved in providing the facilities contemplated in the foregoing recommendation, and he was advised that they were not. Regent Watson suggested that there would be some virtue in indicating that fact in the recommendation.

Regent Friedrich moved the adoption of the recommendation as amended by inserting the words "with non-tax funds" after the word "constructed". The motion was seconded by Regent Gelatt and it was

VOTED, That, subject to the approval of the Coordinating Committee for Higher Education to the extent required, the President of the University be authorized to request the State Building Commission to authorize the preparation of analysis sketches and budget preliminaries for additional facilities to be constructed with non-tax funds between the Memorial Union Building and North Lake Street, and between Langdon Street and Lake Mendota, including an auditorium<sup>addition</sup> for the Wisconsin Center, alumni headquarters facilities, and additional facilities for the Memorial Union.

President Elvehjem presented a report on "Research Balance at the University of Wisconsin." (See EXHIBIT C attached)

Following the presentation of this report, President Elvehjem requested Professor William H. Young to give some summary figures which had been prepared on research support at the University. Copies of tabulations of budgeted research funds for the years 1953-54 and 1958-59 were distributed (copy on file). Professor Young explained that many years ago college administrators and fiscal officers had agreed on certain classifications of University expenditures, which resulted in there now being two kinds of accounting for research - one being departmental research, which is, essentially, a part of the instructional program, with every academic staff member expected to do an amount of research in connection with his instructional program. A professor is assigned a number of classes and students to teach, and, in connection with that teaching, he does research as part of his regular employment opportunity, and does an amount based very largely on his own sense of time, energy, discipline and imagination. Consequently, Professor Young indicated, there is no effective way that that kind of research can be accounted for in dollars and cents, although it represents a substantial part of an institution's research and a substantial part of the cost of operating a University. He noted that,

in the earlier history of the University, this was the principal type of research and the basis of the early reputation of the University of Wisconsin. He noted that, as University research became more expensive, funds were provided for specific research projects which resulted in the second classification of research, which is budgeted research, supported by state tax funds and by gifts, grants, and contracts with the federal government.

Professor Young pointed out that the tabulations which had been distributed related to budgeted research, which is only part of the total research output of the University. He stated that it is difficult to say whether departmental research would change the balance or imbalance of research between the various disciplines, such as the social sciences and the humanities on the one hand, and the natural sciences on the other. He commented at some length on the various figures in the tabulations, noting the Library expenditures of books, which are tools of research, and calling attention to the relationships between funds going into instructional salaries and to research. He also called attention to the fact that the figures in these tabulations had been based on a number of assumptions (because the budget and accounting records of the University are not maintained on the divisional bases of the social studies, the humanities, the biological sciences, and the physical sciences). He also called attention to lack of proper comparativeness of the figures, because two of the larger units of the University, the College of Letters and Science and the College of Agriculture, have quite different philosophies as to how to account for research. The College of Agriculture has habitually budgeted staff members' salaries partly to instruction, partly to research, and partly to public service; whereas the College of Letters and Science has been inclined to budget most of its salaries to instruction.

Regent DeBardeleben recognized the problem of analyzing the Library expenditures in this regard, but stated that he assumed that they could be broken down as to disciplines as opposed to research and instruction. There was considerable discussion as to the relation of book purchases for the Library to research in the various disciplines. Regent Rennebohm suggested that a substantial part of the cost of constructing the Memorial Library could reasonably be credited to support of the social sciences as opposed to the natural sciences.

Regent Jensen stated that, in his opinion, the dollar approach is extremely misleading, since the real test of research is in terms of hours. Professor Young stated that measuring research by hours is also misleading, since one staff member may work 80 hours a week and another 42 or 45 hours, or some other figure, depending on his profession, his discipline, etc. Regent Jensen, however, believed that a truer measure would be in hours, suggesting that, with a competent faculty, it would not be necessary to worry about the difference in hours devoted to research by different members of the staff. He also suggested that one of the best things that can be done is to give research workers and students a top-notch library which will attract top-notch students and faculty.

President Elvehjem commented on the efforts that had been made, in recent years, to increase the research opportunities in the social sciences and humanities. He called attention to the fact that more of the time of members of the social sciences and humanities staff was being made available for research.

President Steiger reported that a recommendation would be considered in the Educational Committee of the Regents regarding steps to be taken in studying research support. He noted that funds for the support of research in the social

sciences and the humanities has been increasing, and that even more is needed. He also noted that there is much more money available for travel for staff members in the natural sciences than the humanities and social sciences.

Regarding the items for travel in the tabulations which were distributed, Regent Friedrich stated that the allowances for travel seemed rather small in the social sciences as compared to the natural sciences. While not wanting to discount importance of libraries, he suggested that it is just as important that the social scientists have an opportunity to travel rather than being cloistered and kept away from the public. Professor Young stated that other agencies have been building up the funds available for travel by University staff members, since the grantors of research funds for research in the natural sciences have been providing funds for field research travel and for travelling to meetings and conferences with other researchers doing work on similar projects. He noted that during much of the history of the University there have not been adequate funds for travel for the faculty to go to professional meetings. This lack of funds for travel has been the cause of concern on the part of the faculty and the administration, but when consideration has been given to the use to be made of inadequate State appropriations, the decision has been to use them for salary increases rather than for increases in funds budgeted for travel.

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Registrar Trump reported on summer session enrollment and estimated freshmen enrollment for the fall of 1960.

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President Steiger announced that meetings of the committees of the Board would have to be held before the committees' reports could be presented to this meeting; and suggested that this would be an appropriate time to recess for committee meetings, with the formal meeting being reconvened probably not earlier than 2 P.M.

Upon motion of Regent Gelatt, seconded by Regent Jensen, it was VOTED, That the meeting recess, subject to the call of the Chairman.

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(Cont.)

The meeting reconvened at 3:25 P.M.

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

ABSENT: Regent Konnak.

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

Upon motion of Regent Watson, seconded by Regent Gelatt, 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.

Upon motion of Regent Werner, seconded by Regent Gelatt, 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.

Upon motion of Regent Werner, seconded by Regent Gelatt, it was VOTED, That recommendations 3 and 4., listed under the Recommendations and Report of the Vice President - Business and Finance (I. Recommendations) (EXHIBIT B attached), be approved.

Upon motion of Regent Watson, seconded by Regent Gelatt, 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.

The Vice President - Business and Finance presented, for the information of the Regents, Report of Actions Taken by the State Building Commission on June 8, 1960, Affecting the University (see Item II. of the Recommendations and Report of the Vice President - Business and Finance, EXHIBIT B attached).

Vice President Peterson reported that there was some misunderstanding as to the action taken by the State Building Commission on June 8, 1960, relating to the Gymnasium Unit #1 (Item II., 6. of the Recommendations and Report of the Vice President - Business and Finance). He stated that at that meeting of the State Building Commission approval had not been requested of the project, but of a method of temporary financing of the project. The project itself had been approved by the State Building Commission in November, 1958. At the suggestion of the Secretary of the State Building Commission, a proposal was made at the June 8, 1960, meeting of the Commission for the temporary financing of this project from the State Building Trust Fund "float". The temporary financing of this project by a loan from the State Building Trust Fund would have permitted an earlier reduction in the loan, due to the lower interest rate, to the point where it would then be feasible to finance the balance of the loan from private sources. This proposal was turned down by the Commission, because there was no guarantee that the loan could be paid back. Vice President Peterson reported that the Governor had requested considerable additional information regarding details of the proposed use of the Gymnasium Unit #1, and of the present use of all the other physical education facilities. He stated that he understood that all of this requested information had been furnished, and that approval of this project would be considered by the State Building Commission on July 18, 1960. Regent DeBardeleben stated that he would not vote to approve an intercollegiate gymnasium, if it deprived the University of other funds that were available for construction that was needed at the University. Vice President Peterson explained the operation of the State Building Trust Fund, the types of appropriation that are made to it, and stated that the lag between the appropriation of money by the Legislature and the time that it was needed to pay for actual construction resulted in the so-called "float", which was available for investment. He explained that the temporary borrowing from the "float" would not take funds from other State construction projects, providing the loan was repaid. Regent Watson stated that he was intrigued as to why the State Building Commission's approval would be necessary for this project if the financing that the University does is not going to involve State funds, but is to be financed by a private loan to be paid from athletic receipts. Vice President Peterson explained that, according to the Statutes, the State Building Commission must approve every State construction project costing in excess of \$15,000. He also noted that, although the State Building Commission had approved this project in November, 1958, it has taken until just recently to complete the plans and specifications, and in the meantime there has been a change in the membership of the State Building Commission. Regent DeBardeleben inquired whether Vice President Peterson felt the borrowing of funds from private sources for this project would in any way jeopardize the future borrowing capacity for other University construction projects which he, Regent DeBardeleben, felt were more urgent and more important, such as classroom buildings. Vice President Peterson replied that he knew no reason why it should have any effect on the University's ability to borrow in the future, unless the University should default in the payments to be applied on the repayment of the loan.

In regard to Item II., 9. of the Recommendations and Report of the Vice President - Business and Finance, Vice President Peterson stated that he felt that it was necessary to obtain clarification of the action of the State Building Commission requiring that all construction contract change orders over \$15,000 should be presented to the State Building Commission for approval, inasmuch as the Building Commission does not act on the award of the contracts themselves. He stated that it seems unusual that the Commission should be concerned about change orders on contracts that the Commission does not authorize in the first place.

The Vice President - Business and Finance presented, for the information of the Regents, Report of Actions Taken by the Board on Government Operations on June 21, 1960, Affecting the University (see Item III. of the Recommendations and Report of the Vice President - Business and Finance, EXHIBIT B attached).

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

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

The Vice President - Business and Finance presented the report of budget transfers for the period June 3, 1960 through June 30, 1960, for the information of the Regents. (See Exhibit B-1 appended to EXHIBIT B attached)

The Secretary reported that Mrs. David O. Jones, Mineral Point, Wisconsin, had been reappointed by the Directors of the Wisconsin Alumni Association as a member of the Board of Visitors for the term ending July 1, 1964; and that Russell A. Teckemeyer, Madison, Wisconsin, had been appointed as a member of the Board of Visitors for the term ending July 1, 1964, to succeed Mr. John S. Hobbins.

The Secretary reminded the Regents that they might want to give consideration to whether the August meeting of the Regents should be held, as scheduled, or cancelled, since the practice had been to cancel the August meeting unless material relating to the biennial legislative requests was ready for consideration by the Regents at that time. He stated that it was his understanding that such material would not be ready for action by the Regents until the September meeting.

(Cont.)

Upon motion of Regent Bassett, seconded by Regent Werner, it was VOTED, That the By-Laws be suspended, and that the meeting of the Regents scheduled for August 5, 1960, be cancelled.

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President Steiger presented the report of the Executive Committee.

Upon motion of Regent Watson, seconded by Regent Werner, it was VOTED, That the resolution attached as EXHIBIT D, adopted by the Executive Committee since the June 7, 1960, annual meeting of the Board, be approved, ratified and confirmed. (See following amendment to the resolution referred to above.)

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Vice President Peterson presented an amendment (EXHIBIT D-1 attached) to the above mentioned resolution relating to Unit No. 1 of the New Chemistry Building. Upon motion of Regent Watson, seconded by Regent Bassett, it was VOTED, That the amendment (EXHIBIT D-1 attached) to the resolution approved by the Executive Committee of the Regents relating to Unit No. 1 of the New Chemistry Building be approved.

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Regent Watson presented the report of the Educational Committee.

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

1. That Edgar J. Boone be appointed Associate Professor, National Agricultural Extension Center for Advanced Study and the Department of Agricultural and Extension Education, beginning September 1, 1960; at an annual salary of \$12,000, twelve months' basis; charge to the Extension Center.
2. That Robert E. Hallowell be appointed Associate Professor of French and Italian, UW-M, beginning with the academic year 1960-61; salary \$8,500 on the academic basis; provided in the 1960-61 budget.

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Upon motion of Regent Watson, seconded by Regent Friedrich, it was VOTED, That Gale Vandenberg, Associate Professor, National Agricultural Extension Center for Advanced Study, be transferred to the State Cooperative Extension Service, beginning September 1, 1960, with no change in rank or salary.

*Carried Rk 5-9-60*

Upon motion of Regent Watson, seconded by Regent DeBardleben, it was VOTED, That the request for retirement from Helen Kayser, Associate Dean of Women, be approved; and that she be granted emeritus status, to take effect July 1, 1960.

Upon motion of Regent Watson, seconded by Regent DeBardleben, it was VOTED, That the appointment of Emlyn David Jones, approved by the Board of Regents on May 14, 1960, be changed from Professor of Education to Professor of Education and History for the academic year 1960-61.

Upon motion of Regent Watson, seconded by Regent DeBardleben, it was VOTED, That the resignation of Leslie A. Osborn, Director of the Wisconsin Psychiatric Institute, be accepted; to take effect June 30, 1960.

Upon motion of Regent Watson, seconded by Regent Friedrich, it was VOTED, That the resignation of Valeska Wollaeger, Associate Professor of Education, UW-M, be accepted; to take effect September 1, 1960.

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

1. That Paul J. Allen, Professor of Botany, be granted leave of absence, without pay, for the academic year 1960-61.
2. That Alfred Kadushin, Associate Professor of Social Work, be granted leave of absence, without pay, for the academic year 1960-61.

*Carried Rk 5-9-60*

(Cont.)

3. That Gernot Rath, Associate Professor and Chairman of the Department of the History of Medicine, be granted leave of absence, without pay, for the academic years 1960-61 and 1961-62.

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

1. That Farrington Daniels, Emeritus Professor of Chemistry, be employed on a special service contract for the academic year 1960-61 in the College of Engineering in connection with solar energy research, on a part-time basis; at a salary of \$7,500 for the year; charge to Rockefeller Foundation grant, Fund 93-2016.
2. That Mrs. Louise W. Hanley, Emeritus Assistant Professor of English, Extension, be employed on a special service contract, on a part-time basis, to write a new course for the United States Armed Forces Institute, E 400, English Composition I, consisting of Study Guide, Instructor's Course Outline and Manual of Solutions, at a salary of \$900.00; charge to 1A-1B-Corres. Study, 2-Ext.-Add'l.; and that the work be completed by September 1, 1960.
3. That H. Rowland English, Emeritus Professor of Commerce, Extension, be employed on a special service contract, on a part-time basis, to revise the following correspondence study courses: U.S.A.F.I. Course C 545, Introduction to Business; Business Administration 100, Business Management, Part I; and Business Administration 101, Business Management, Part II; the work to be completed by December 1, 1960; at a salary of \$1,500; charge to 1A-1B, Corres. Study-2-Ext.-Add'l.

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Regent Watson presented the following resolution which he stated the Educational Committee had unanimously voted to recommend to the Regents for adoption:

WHEREAS, The Regents of the University of Wisconsin recognize the urgent need for the advancement of knowledge in both the natural sciences and the social sciences and humanities in order to provide the means whereby the future diffusion of knowledge in all of the sciences and in the humanities may be effected;

(Cont.)

NOW, THEREFORE, BE IT RESOLVED, as follows:

1. That there is hereby assigned to the Educational Committee the duty of investigating the needs of colleges, divisions, and departments of The University of Wisconsin for funds for research in the natural sciences, the social sciences, and the humanities and the duty of establishing effective means whereby such needs shall be communicated to the Research Committee of The Graduate School and to the Trustees of the Wisconsin Alumni Research Foundation.

2. That the Educational Committee shall report the findings of its investigation and the means employed for the establishment of effective liaison between the various colleges, divisions, and departments needing funds for research and the Research Committee and the Trustees of the Wisconsin Alumni Research Foundation not later than the regular May, 1961, meeting of The Regents of the University of Wisconsin.

Upon motion of Regent Watson, seconded by Regent DeBardeleben, the adoption of the above resolution was voted.

Regent Rennebohm requested that whoever wrote the foregoing resolution should write to him explaining what it means.

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Regent Gelatt reported that the Business and Finance Committee had met in the morning to consider University trust fund matters and had met for one-half hour after luncheon, with the result that there was one recommendation to present to the Board.

Upon motion of Regent Gelatt, seconded by Regent Bassett, it was VOTED, That the State Building Commission be requested to appropriate \$18,200 for the purchase, including option price of \$18,000 and incidental costs of not to exceed \$200, of the following described property from the Estate of Albert B. Becroft, deceased:

The South one-half of the North one-half of Lots nine (9) and ten (10), Block Four (4), Brooks Addition to the City of Madison, except the West 28 feet in width thereof.

and, that, subject to the approval of the State Building Commission and the availability of funds, the Vice President - Business and Finance be authorized to accept the option given by the Madison Bank and Trust Company on June 2, 1960, to the Regents to purchase the above described property for a consideration of \$18,000, subject to approval by the County Court for Dane County.

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Regent Rennebohm presented the report of the Special Regent Committee on Agricultural Lands.

Upon motion of Regent Rennebohm, seconded by Regent Jensen, it was VOTED, That the resignation of Professor Richard U. Ratcliff from the Architectural Control Committee for the University Hill Farms Area be accepted; and that Mr. Leo McCann be appointed member and chairman of the Committee to succeed Professor Ratcliff.

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Regent Werner, Chairman of the Special Regent Committee on Acquisition of Land in Milwaukee, read a letter (copy on file) dated July 7, 1960, to President Steiger from Mr. Lynford Lardner, Jr., Chairman of the Board of Trustees, Milwaukee-Downer Seminary, requesting an extension of one academic semester for turning over the Milwaukee-Downer Seminary property to the University. This request was made due to the fact that the new facilities for the Milwaukee-Downer Seminary cannot be completed and made available for use until the second semester in January, 1962. Regent Werner moved that the request be granted, and the motion was seconded by Regent Rennebohm.

A question was raised as to whether the request could be granted without receipt of a consideration for the granting of the request. The point was also made that a formal agreement would be necessary, since the balance of the purchase price was due and payable under the purchase agreement by not later than August 1, 1960. Regarding possible considerations for granting the request, the matter of interest on the amount of the purchase price advanced, as well as the necessity for the University to continue to rent the Milwaukee Tower Building for a longer period were cited. Without opposition from Regents Werner and Rennebohm, who had made and seconded the preceding motion, upon motion of Regent Watson, seconded by Regent Rennebohm, it was

VOTED, That the communication (dated July 7, 1960) from the Chairman of the Board of Trustees of the Milwaukee-Downer Seminary be referred to the Special Regent Committee on Acquisition of Land in Milwaukee for negotiation of a settlement of this request in keeping with the agreement that the Regents have covering the purchase of the Milwaukee-Downer Seminary property; and, subject to the approval of the Attorney General, that the Executive Committee be authorized to act for the Board in formally approving the agreement covering such settlement.

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Upon motion of Regent Jensen, seconded by Regent Gelatt, it was VOTED, That the meeting adjourn.

The meeting adjourned at 4:38 P.M.

Clarke Smith, Secretary

## GIFTS AND GRANTS

### GIFTS:

1. \$ 10.00 - Lawrence F. Muehling, South Euclid, Ohio, an unrestricted gift to be added to the President's Special Fund. (Trust)
2. \$ 500.00 - Kearney & Trecker Foundation, Inc., Milwaukee, Wisconsin, a contribution for the support of music workshop scholarships during the summer of 1960 at the University of Wisconsin - Milwaukee. (47-2576)
3. \$ 7,000.00 - The General Foods Fund, Inc., New York, New York, to continue during 1961-62 the General Foods Fund Fellowships in the School of Home Economics. The award shall consist of two \$3,000.00 Fellowships and an additional award of \$1,000.00 to The University of Wisconsin. The awards may be for either one-year fellowships for two candidates for master's degrees or a two-year fellowship for a doctor's degree. Awards are to be made to full-time students meeting requirements for graduate study who have an interest in advanced study and who have plans for a professional career. The awards are available for study in any major Home Economics subject matter area. The award of \$3,000.00 is to cover tuition and fees with the remainder going to the student for subsistence. (47-2316)
4. \$ 100.00 - Radio Corporation of America, Princeton, New Jersey, a gift in appreciation of the University of Wisconsin's cooperation and assistance in the "Tuition Loan and Refund Plan" sponsored by the donor, to be added to the President's Special Fund. (Trust)
5. \$ 3,000.00 - The General Motors Corporation, Research Laboratories Division, Detroit, Michigan, for the continuation of a graduate fellowship program in the Department of Mechanical Engineering, during the period September 1, 1960 through August 31, 1961. The stipend shall be \$2,400 for a single fellow, with the exception that an additional amount may be granted to a married recipient with children at the discretion of the Department of Mechanical Engineering, which increase shall be derived from the remainder of the grant. Any excess shall be applied to cover special equipment and supplies. (47-894)
6. \$ 5.00 - Mrs. Martha V. Allez, Madison, Wisconsin, a gift to be added to the George A. Allez Memorial Fund. (Trust)
7. \$ 5.00 - Theo. V. West, Livonia, Michigan, a contribution to be added to the Kemper K. Knapp Loan Fund.

## GIFTS AND GRANTS

### GIFTS:

8. \$ 220.00 - Wisconsin Interfraternity Association for the establishment of a scholarship to be awarded during 1960-61 to be known as the F. Chandler Young Scholarship. The awards shall be made to:
- a) a continuing male student, regardless of affiliation;
  - b) who has either a B average on all work completed or who ranks in the top quarter of his college class;
  - c) on the basis of worth, promise, and campus citizenship (with the factor of need to be considered only if all other bases are equal);
  - d) the selection to be made and the award to be administered by the Faculty Committee on Undergraduate Loans and Scholarships. (47-3237)
9. Sears Roebuck and Company, Madison, Wisconsin, a gift of an X-ray machine and two geiger counters for use by the College of Engineering in its instructional and research program.
10. \$ 2,075.00 - The Wisconsin Alumni Research Foundation, Madison, Wisconsin, a gift from the Benjamin W. Snow Fund for the purchase of equipment by the Department of Physics. This contribution is made in accordance with the terms of the Benjamin W. Snow bequest to the Wisconsin Alumni Research Foundation. (47-401)
11. \$ 1,200.00 - Central Bureau of Research of the American Otological Society, Inc., New York City, a gift to be used during the period ending May 31, 1961 by the Department of Anatomy to enhance research being carried on by that Department and to provide funds for travel for department personnel. (47-259)
12. \$ 1,000.00 - Square D Company, Detroit, Michigan, for the continuation during the 1960-61 year of the "Square D Scholarship" plan in the College of Engineering. The recipients of the award shall be chosen during the second semester of their sophomore year by the Square D Company upon the recommendation of the College of Engineering. (47-684)

## GIFTS AND GRANTS

### GIFTS:

13. \$ 15.00 - George W. Acree, El Paso Texas, an unrestricted gift, under the General Electric Foundation Corporate Alumnus Program, to be added to the President's Special Fund. (Trust)
14. \$ 2,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift from their "President's Special Fund" to be used to purchase approximately 400 copies of the Biography of President Charles R. Van Hise, for distribution to friends of the University. (47-3242)
15. \$ 5.00 - Alpha Beta Chapter of Pi Lambda Theta, Madison, Wisconsin, to be added to the principal of the Pi Lambda Theta Award Fund. (Trust)
16. \$ 50.00 - Friends of our Native Landscape, Madison, Wisconsin, given in memory of the late Byron C. Jorns and the late Joseph S. Elfner, to be added to the Faculty Memorial Fellowship. (Trust)
17. \$ 100.00 - The Milwaukee Company, Milwaukee, Wisconsin, a gift to continue support of the annual "Griffin Award" to the student who does the best work in courses relating to the investment business. The Committee on Awards of the Scholarship Committee of the School of Commerce shall make the selection of the student to receive this award. (47-2665)
18. \$ 400.00 - Mrs. Catherine H. Coleman, Madison, Wisconsin, a gift to be added to the Delta Gamma Memorial and Scholarship Fund. (Trust)
19. \$ 600.00 - The American Cancer Society, Wisconsin Division Inc., to be added to the William Davison Stovall Award Fund for the purpose of providing scholarships in accordance with the terms establishing the fund. (47-42)
20. \$ 500.00 - Wisconsin Society for Jewish Learning, Inc., Milwaukee, Wisconsin, to defray the cost of the New York Public Library Dictionary Catalog of the Jewish Collection - The Memorial Library. (47-3247)
21. \$ 2,500.00 - H. F. Halverson, Beloit, Wisconsin, given in support of research of Dr. Manucher Javid in appreciation of the medical care given to the donor's wife, Mrs. Helen Halverson. Medical School. (47-3254)

## GIFTS AND GRANTS

### GIFTS:

22. \$ 3,903.34 - University of Wisconsin Foundation, gifts from the American Jewish Tercentenary Committee of Wisconsin for the continued support of a Chair in Hebrew Studies at the University of Wisconsin, in accordance with the terms of gift approved by the Regents on March 12, 1955. (47-299)
23. \$ 100.00 - Madison Branch of the American Association of University Women to provide funds for the Lois K. Rosenberry Scholarship. (47-105)
24. \$ 400.00 - Phi Beta Play Readings, Madison, Wisconsin, to be added to the Phi Beta Award of Merit Fund. (Trust)
25. \$ 55.00 - University of Wisconsin Foundation, Madison, Wisconsin, to be added to the Wisconsin Student Aid Foundation Undergraduate Scholarship Fund, to be used as grants-in-aid and/or scholarships for the education of needy and worthy students recommended by the Athletic Director and administered in accordance with Western Conference Rules. (47-498)
26. \$ 3,000.00 - Kohler Foundation, Inc., Kohler, Wisconsin, a supplement to the income account of the Kohler Family Scholarships for the 1960-61 academic year. (Trust Income)
27. \$ 100.00 - Dr. William Merkow, Waukesha, Wisconsin, to be used by the Medical School for research activities in the Department of Surgery. (47-1118)
28. \$ 10.00 - Mr. Donald Benn, Madison, Wisconsin, an additional contribution to be added to the Child Psychiatry Program Fund of the Department of Psychiatry, to be used for any purpose in connection with the Child Psychiatry Program. (47-2594)
29. \$ 500.00 - Archer-Daniels-Midland Foundation, Minneapolis, Minnesota, to continue the support of a senior scholarship for the year 1960-61. The award is to be made to an outstanding senior in chemical engineering; the selection to be based upon academic standing, participation in extracurricular activities and need. (47-2349)
30. \$ 500.00 - The General Electric Foundation, Ossining, New York, a matching contribution under the General Electric Corporate Alumnus Program, to be used for the support of graduate students, preferably in the Department of the History of Science. (Graduate School) (47-3069)



## GIFTS AND GRANTS

### GIFTS:

31. \$ 4,000.00 - The Upjohn Company, Kalamazoo, Michigan, for the continuation of a graduate fellowship in the School of Pharmacy for one year. The purpose of the fellowship is to aid in the training of graduate students working toward the Ph.D. degree. (47-2460)
32. That at the request of the donor, the Karl H. Beyer, Jr., Visiting Professorship in the Medical School accepted by the Regents on March 7, 1959, be transferred to the Consolidated University Trust Funds, with the annual income used to bring to the University distinguished scientists whose research is in such fundamental fields of investigation as would be of interest particularly to the basic medical sciences and which might ultimately be conceived to accrue to the advancement of medicine. (Trust)
33. \$ 200.00 - The Chicago Farmers, Chicago, Illinois, to continue "The Chicago Farmers' Scholarship," administered upon recommendation of the College of Agriculture Loans, Fellowships, and Scholarships Committee. The selection shall be made upon the basis of scholarship, extracurricular activities, and financial need. (47-2263)
34. \$ 160.54 - 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)
35. \$ 25,000.00 - Wisconsin Student Aid Foundation, Inc., Madison, Wisconsin, to be added to the Wisconsin Student Aid Foundation Undergraduate Scholarship Fund, to be used as grants-in-aid and/or scholarships for the education of needy and worthy students recommended by the Athletic Director and administered in accordance with Western Conference Rules. (47-498)
36. \$ 64.32 - Mr. Alex Kessler, Ripon, Wisconsin, an additional contribution to be added to the William Kessler Memorial Medical Student Loan Fund. No interest shall be charged until one year after completion of internship, 4% per annum interest shall be charged thereafter. Additional contributions may be added to this fund from time to time. (Student Loan)
37. \$ 1,000.00 - Mrs. Kathryn Pollock Bartlett, Oshkosh, Wisconsin, a gift for the support of cancer research in the Department of Surgery. (47-3281)

## GIFTS AND GRANTS

### GIFTS:

38. \$ 2,500.00 - Wisconsin Society for Jewish Learning, Incorporated, Milwaukee, Wisconsin, a grant in support of research in the Department of Hebrew Studies for the year 1960-61. (47-2738)
39. Beckman Instrument Company, Spinco Division, Lincolnwood, Illinois, a gift of a laboratory preparative centrifuge - Model K series, for the use of the Biochemistry Department. The instrument has a value of approximately \$2,100.
40. \$ 400.00 - Wisconsin Society for Jewish Learning, Inc., Milwaukee, Wisconsin, the fourth of four annual contributions for the "Robert Levine Scholarship." The award shall be given to one or two students enrolled in the Department of Hebrew Studies upon the recommendation of the Chairman of the Department. (47-2436)
41. \$ 1,350.00 - Wisconsin Society for Jewish Learning, Inc., Milwaukee, Wisconsin, to support special projects in Hebrew literature in the Department of Hebrew Studies. (47-2310)
42. \$ 100.00 - Temple Beth El, Madison, Wisconsin, to continue support of scholarship in the Department of Hebrew Studies to be awarded to a student who intends to teach Hebrew in either a religious school or in a public high school. (47-3047)
43. \$ 3,937.70 - Alumni and Friends of the Medical School, contributions to be added to the Medical Library Building Fund. (Trust)
44. \$ 15.00 - Various donors, to be added to the Friends of the University of Wisconsin Library Fund. (47-822)

## GIFTS AND GRANTS

### GRANTS:

1. \$ 5,800.00 - The American Cancer Society, Wisconsin Division, Madison, Wisconsin, for the support of the Tumor Registry in the Cancer Research Division of the Department of Surgery for the calendar year 1960. (47-2538)
2. \$ 200.00 - Mr. John W. Gaustad, New Auburn, Wisconsin, to support research relating to the productivity of the lakes for fish. Department of Zoology. (47-449)
3. \$ 1,700.00 - Kaiser Aluminum & Chemical Corporation, Oakland, California, 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)
4. \$ 750.00 - The Association of American Soap and Glycerine Producers, Inc., New York City, to support research pertaining to frothing in Sewage treatment plants - its cause and elimination, Department of Civil Engineering. (47-2033)
5. \$ 250.00 - Wisconsin State Department of Agriculture, Madison, Wisconsin, for the support of an industrial research project during the period June 1, 1960 to September 1, 1960, having for its purpose a study of the efficiency of commercially available preinoculated legume seed, as defined by nodulation and nitrogen fixation studies conducted under plant-growing room conditions - Department of Bacteriology. (47-3238)
6. \$ 8,750.00 - Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin, for support of an industrial research project during the period June 1, 1960 to May 31, 1963, having for its purpose a study of the control of the fly responsible for mink myiasis - Department of Entomology. (47-3239)
7. \$ 10,000.00 - The Rockefeller Foundation, New York, for the support of a study of residues of certain fungicides on crop plants during a 2-year period, beginning approximately June 1, 1960, Department of Plant Pathology. (GA AGR 6063) (47-3233)
8. \$ 200.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware, for the support of research relating to the control of seed-borne diseases of farm crops, Department of Pathology. (47-3217)

## GIFTS AND GRANTS

### GRANTS:

9. \$ 1,500.00 - Monsanto Chemical Company, St. Louis, Missouri, an unrestricted grant for use by the Department of Chemical Engineering to further fundamental research, or for undergraduate assistance of academically superior and needy students. (47-3236)
10. \$ 9,729.00 - American Petroleum Institute, New York, for the support of research on "Reaction Jet Inlet Devices for Oil-Water Separators," during the period June 1, 1960 through June 30, 1961, Engineering Experiment Station. (47-3240)
11. \$ 750.00 - The National Cystic Fibrosis Research Foundation, Wisconsin Chapter, Milwaukee, Wisconsin, for the purchase of equipment to be used in the Cystic Fibrosis Clinic in the Medical School. (47-3187)
12. \$ 3,000.00 - The Upjohn Company, Kalamazoo, Michigan, an unrestricted grant for use by the Institute for Enzyme Research. (47-3241)
13. \$ 2,000.00 - E. I. du Pont de Nemours and Company, Stine Laboratory, Newark, Delaware, for the support of clinical investigations of an experimental anticonvulsant, "Quanavar," during a 6-month period, beginning May 15, 1960, Department of Neurology. (47-3248)
14. \$ 500.00 - Committee on Research of the Council on Drugs of The American Medical Association, Chicago, Illinois, for the support of research in the Medical School entitled "Experimental Endocrine Retinopathy Histologic and Ophthalmoscopic Correlation." The fund shall be used to purchase experimental animals, chemicals and drugs. (47-3246)
15. \$ 400.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by Mr. Henry P. Baldwin of Wisconsin Rapids, Wisconsin, to continue support of the Rotary International Fellowship Program during the summer of 1960. (47-3243)
16. \$ 500.00 - Committee on Research of the Council on Drugs of the American Medical Association, Chicago, Illinois, for the support of research in the Medical School entitled "Indirect Effects of Partial Body Irradiation." The fund shall be used for the purchase and maintenance of animals, and reagents. (47-3245)

# GIFTS AND GRANTS

## GRANTS:

17. \$ 3,798.00 - Metropolitan Sanitary District of Greater Chicago, Chicago, Illinois, for the support of research on "Fiber Content in Sewage Sludge," during the period July 1, 1960 to June 30, 1961, Department of Civil Engineering. (47-3244)
18. \$ 5,000.00 - National Fund for Medical Education, New York, a grant in support of an educational program in Medical Genetics, Medical School. (47-3257)
19. \$ 500.00 - American Heart Association, Inc., New York, a grant to the Institute for Enzyme Research to cover expenses incurred in connection with a fellow appointed by the donor. (47-3255)
20. \$ 1,700.00 - Tennessee Corporation, Knoxville, Tennessee  
1,700.00 - Harvey Aluminum Company, Torrance, California  
3,400.00 for the support of an industrial research project, during the period May 1, 1960 through April 30, 1961, having for its purpose the study of the basic and clinical aspects of experimental flourine toxicosis, Department of Biochemistry. (47-3220)
21. \$ 12,301.33 - Wisconsin Cannery Association, Madison, Wisconsin, for the support of an industrial research project to study methods of improving Wisconsin beets and carrots used for canning, particularly by breeding better strains of these vegetables, Department of Horticulture. (47-2270)
22. \$ 8,143.32 - Purdue Research Foundation, for and on behalf of the Midwest Council on Airborne Television Instruction, for the support of a program in the planning, conduct and evaluation of the Midwest Program on Airborne Television Instruction, to be conducted at the University of Wisconsin - Milwaukee during the period July 1, 1960 through June 30, 1961. (47-3258)
23. \$ 2,500.00 - Phillips Petroleum Company, Bartlesville, Oklahoma, for continued support of an industrial research project having for its purpose a study of profitable rates of applying nitrogen fertilizer in relation to soil type and levels of available phosphorus and potassium, during the period ending May 1, 1961, Department of Soils. (47-2606)
24. \$ 30,000.00 - American Petroleum Institute, New York, for the continued support of a research project entitled "The Mechanism of Hydrogen Deterioration of Steel at Elevated Temperatures," during the period June 1, 1960 through June 30, 1961, Department of Mining and Metallurgy. (47-2878)

## GIFTS AND GRANTS

### GRANTS:

25. \$ 500.00 - Chemagro Corporation, Kansas City, Missouri, for the continued support of an industrial research project having for its purpose a study of the effectiveness of certain new phosphate insecticides in protecting vegetable crops, including sampline to determine residues present, during the period ending December 31, 1960, Department of Entomology. (47-2880)
26. \$ 1,000.00 - Muscular Dystrophy Associations of America, Inc., New York, a grant to provide for institutional expenses incurred under a Postdoctoral fellowship awarded directly by the donor, Institute for Enzyme Research. (47-2737)
27. \$ 1,500.00 - Madison Jaycettes, to be added to the fund established in 1951 to support the work of the Cerebral Palsy Center at University Hospitals. (47-2968)
28. \$ 6,000.00 - Malting Barley Improvement Association, Milwaukee, Wisconsin, for the continued support of an industrial research project to study the fundamental factors which affect lodging in barley, during the period ending July 31, 1961, Department of Agronomy. (47-2296)
29. \$ 43,500.00 - Malting Barley Improvement Association, Milwaukee, Wisconsin, for the continued support of an industrial research project having for its purpose a study of the malting quality of new barley selections, during the period ending July 1, 1961, Departments of Agronomy and Plant Pathology. (47-2552)
30. Wisconsin Heart Association, Milwaukee, Wisconsin, for the support of research programs, during the period July 1, 1960 to June 30, 1961, as follows;
- \$ 3,160.00 - "Recording of Thermal Changes in the Heart Muscle during the Cardiac Cycle." (47-3259)
- \$ 4,000.00 - "Development of a Photoelectric Method for Estimation of Oxygen Saturation." (47-3260)
- \$ 5,000.00 - "A Determination of Blood Pressure Blood Flow Relationships Without Disturbing the Pattern of Flow." (47-3261)
- \$ 3,625.00 - "The Pulmonary Circulation in Unilateral Diseases of the Lung. The relationship between the Physical Properties of the Lung and the Capillary Circulation." (47-3262)
- \$ 4,625.00 - "A Continuous Recorder for Blood Vessel Diameter during Flow Measurement." (47-3263)
- \$ 5,300.00 - "The Role of the Pulmonary Circulation in the Natural History and Abnormal Physiology of Pulmonary Emphysema." (47-3269)

## GIFTS AND GRANTS

### GRANTS:

#### 30. (Continued)

- \$ 8,000.00 - "Application of Experimental Surgical Techniques for the Correction of Congenital Abnormalities of the Heart and Great Vessels." (47-3264)
- \$ 4,500.00 - "The Mechanism of Lipid Metabolism in Obesity." (47-3265)
- \$ 6,800.00 - "Further Studies on the Mechanism and the Control of the Biosynthesis of Cholesterol." (47-3266)
- \$ 4,450.00 - "Relation of Myocardial Potassium Shifts to Changes in Transmembrane Potential and Cardiac Irritability." (47-3267)
- \$ 1,400.00 - "The Effect of Some New Anesthetic Agents on the Incidence of Ventricular Fibrillation during Hypothermia for Cardiac Operations." (47-3268)
- \$ 3,600.00 - "Vascular Responses in Dog with 'Mechanical Heart'." (47-3270)
- \$ 6,100.00 - "Cardiovascular Alterations Secondary to Chronic Hypoxia." (47-3271)
- \$ 7,300.00 - "Investigation of the Effect of Cholesterol Suppressing Agents on the Synthesis of Cholesterol in Vitro," (47-3272)
- \$ 6,700.00 - "Mechanism of Oxidative Phosphorylation." (47-3273)
- \$ 10,000.00 - "An Investigation of the Action of Long Acting Nitrates on the Systemic and Coronary Hemodynamics of Man." (47-3274)
- \$ 800.00 - "A Study of the Factor Causing Renal Conservation of Chloride." (47-3275)
- \$ 4,500.00 - "Study and Development of an Improved Myocardial Electrode and an Improved Pace Maker for Permanent Control of Ventricular Rate in Stokes-Adams Syndrome or Chronic Heart Block." (47-3276)
- \$ 6,800.00 - "The Influence of Circulatory Disorders on the Capillary Bed of the Lung." (47-3277)
- \$ 3,000.00 - "Five Summer Research Fellowships for Medical Students." (47-3278)
- \$ 5,000.00 - "Blood Volume Changes Produced by Intravenous Administration of Urea." (47-3279)

GIFTS AND GRANTS

GRANTS:

30. (Continued)

- \$ 7,964.00 - "The Structure and Function of the Mitochondria in Hemorrhagic Shock," (47-3280)
31. \$ 2,500.00 - Committee for Economic Development, New York, New York, to continue support of work of the Bureau of Business Research and Service, School of Commerce, in its program of service to business and industry of the state. (47-817)
32. \$ 1,000.00 - Wisconsin Alumni Research Foundation, Madison, Wisconsin, for support of an industrial research project during the period June 1, 1960 to December 31, 1960, having for its purpose a study relating to synthesis of veratrum alkaloids, School of Pharmacy. (47-3256)
33. \$ 1,000.00 - The Merck Company Foundation, Rahway, New Jersey, a contribution under the cooperative contribution program matching a gift made by Karl H. Beyer, Jr., to be added to the Medical Library Building Fund. (Trust)
34. \$20,000.00 - American Scientific Laboratories, Inc., Madison, 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 reproductive physiology and fertility of animal parasites, especially helminths, Department of Veterinary Science. (47-3249)
35. \$33,700.00 - American Chemical Society, Washington, D. C., for the support of a research study entitled "A Fundamental Study of Knock and its Relation to Compression Temperatures in Spark-Ignition Engines," during the period July 1, 1960 to August 31, 1963, Department of Mechanical Engineering. (PRF #735-A) (47-3284)



## GIFTS AND GRANTS

### GRANTS:

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

- 1) \$ 8,500.00 - A Biophysics Graduate Training Program, during the period July 1, 1960 through June 30, 1961, Department of Biochemistry. (2A-8(C2)(P.B.)) (484-3154)
- 2) \$ 500.00 - A research fellowship supply grant entitled "Studies on Oxidative Phosphorylation" for the period August 24, 1959 through August 23, 1960, Institute for Enzyme Research. (AF-10,003) (484-3155)
- 3) \$ 500.00 - A fellowship supply grant in support of Postdoctoral Training in Enzyme Chemistry, for the period November 1, 1959 through October 31, 1960, Institute for Enzyme Research. (AF-7334-C2) (484-3156)
- 4) \$ 4,658.00 - A research fellowship grant in support of Post-Sophomore Research Fellowship for the period July 1, 1960 through June 30, 1961, Department of Pathology. (PX-340-4) (484-3162)
- 5) \$ 1,942.00 - "Development of an Ultrasonic Flowmeter," during the period June 1, 1960 through May 31, 1961, Department of Medicine. (H-5216 (BEC)) (484-3163)
- 6) \$ 13,040.00 - A Training Program in Clinical Psychology, for the period July 1, 1960 to June 30, 1961, Department of Psychology. (2M-5363-C11) (484-3165)
- 7) \$ 9,660.00 - A Training Program in Clinical Psychiatry, for the period July 1, 1960 to June 30, 1961, Department of Psychiatry. (2M-6933) (484-3166)
- 8) \$ 10,238.00 - Special Training - Conference of Staffs of Four National Institute of Mental Health Related Projects, during the period July 1, 1960 through June 30, 1961, Department of Education. (2M-9426) (484-3169)
- 9) \$ 9,203.00 - A Postdoctoral Fellowship Grant, for the period January 1, 1961 through December 31, 1961, Institute for Enzyme Research. (FFG-186) (484-3170)
- 10) \$ 16,100.00 - "Prevention of Cardiac Arrhythmias during Hypothermia," during the period June 1, 1960 through May 31, 1961, Department of Anesthesiology. (H-5331) (484-3173)

GIFTS AND GRANTS

GRANTS:

36. (Continued)

- 11) \$ 7,805.00 - "Neural Mechanisms of Sequential Behavior," during the period June 15, 1960 through November 30, 1960, Department of Physiology. (M-2786(CLS1)) (484-3002)
- 12) \$ 6,790.00 - Postdoctoral Fellowship Grant - Foreign, during the period July 1, 1960 through June 30, 1961, Department of Oncology. (FFG-233) (484-3181)
- 13) \$ 4,965.00 - Supplemental support of research entitled "Synthesis of Structures Related to the Steroids," during the period June 1, 1960 through September 30, 1960, Department of Chemistry. (A-2134(CLS1))(484-2912)
- 14) Termination date of grant in support of research entitled "Sanitary Aspects of Condensers in Processing Dry Milk," extended through February 28, 1962, Department of Dairy and Food Industries. (RG-5601(C1)) (484-3057)

## GIFTS AND GRANTS

### GRANTS:

37. National Science Foundation, Washington, D. C., to support the following research projects:
- 1) \$147,600.00 - A cooperative graduate fellowship program for the 1960-61 school year. (484-3141)
  - 2) \$ 15,490.00 - A program of Summer Fellowships for graduate teaching assistants during the 1960 summer. (484-3142)
  - 3) \$ 36,900.00 - "Experimental and Theoretical Approach to Mechanistic Photochemistry," for a period of approximately three years, Department of Chemistry. (NSF-G13153) (484-3157)
  - 4) \$ 44,000.00 - "The Function of Point Defects in the Cyclic Plastic Deformation of Metals," for a period of approximately 3 years, Department of Mining and Metallurgy. (NSF-G13309) (484-3164)
  - 5) \$ 8,700.00 - "Population Study of *Formica cinerea* Mayr," for a period of approximately two years, Department of Entomology. (G13320) (484-3167)
  - 6) \$ 21,000.00 - "Structure and Dynamics of the Maple Forest Community," for a period of approximately 3 years, Department of Botany. (NSF-G13258) (484-3168)
  - 7) \$ 33,600.00 - "Construction and Installation of a Research Diffusion-meter," for a period of approximately two years, Department of Chemistry. (G7401) (484-3171)
  - 8) \$ 60,600.00 - "Antibody Response of an Animal as Correlated with Its Age," for a period of approximately four years, Department of Zoology. (G13131) (484-3172)
  - 9) \$488,342.00 - "Support for Antarctic Traverse Program," for a period of approximately two years, Antarctic Research Center. (G13210) (484-3177)
  - 10) \$ 54,700.00 - "Continuation of Seismic Refraction Crustal Studies in Selected Areas of Geological Structure and/or Pronounced Gravity Anomalies," for a period of approximately one year, Department of Geology. (G13413) (484-3178)
  - 11) \$ 16,523.00 - "Stratigraphic and Tectonic Relationships of Western Antarctica and Lower Palmer Peninsula to the Andean Mobile Belt," for a period of approximately one year, Department of Geology. (G13230) (484-3179)

GIFTS AND GRANTS

GRANTS:

37. (Continued)

- 12) Termination date for the support of research entitled "Comparative Morphogenesis in Simple Slime Molds," extended to June 1961, Department of Bacteriology. (G3375) (484-2267)
- 13) \$ 41,639.00 - "Study of Patterned Ground in the Antarctic," for a period of approximately 18 months, Department of Geology. (G13232) (484-3180)
- 14) Termination date of research project entitled "Studies of Convective Energy Transfer in the Atmosphere," extended to December 31, 1960, Department of Meteorology. (G5786) (484-2553)
- 15) \$ 2,450.00 - Supplemental grant in support of research entitled "Gravity Data in the United States," Department of Geology. (G8830) (484-2829)
- 16) \$ 1,800.00 - "Rings and Modules," for a period of approximately one year, Department of Mathematics. (G13560) (484-3182)
38. \$ 50,000.00 - American Chemical Society, Washington, D. C., an unrestricted grant in support of research to be conducted in the Department of Chemistry, during the period September 1, 1960 to August 31, 1966. (PRF #589-C) (47-3286)

# GIFTS AND GRANTS

## SUPPLEMENTAL INFORMATION

July 1960

	<u>July 1960</u>	<u>July 1959</u>
Research	\$ 1,257,935.65	\$ 744,524.81
Instruction	40,103.34	4,137.50
Libraries	515.00	307.00
Physical Plant	4,937.70	1,502,568.50
Student Aid	213,849.86	191,177.00
Unrestricted	125.00	615.00
Miscellaneous	3,355.00	7,123.30
Gifts in Kind	<u>2,100.00</u>	<u>5,747.50</u>
Totals, July	\$ 1,522,921.55 <sup>(1)</sup>	\$ 2,456,200.61 <sup>(2)</sup>

(1) Includes \$1,067,245 from Federal Agencies.

(2) Includes \$2,134,911 from Federal Agencies.

(1959 included \$1,500,000 from National Science Foundation for Controlled Environment Laboratory.)

SUPPLEMENTAL LIST -- GIFTS (Amounts not included in the totals for  
EXHIBIT A)

GIFTS:

45. \$ 6,000.00 - The Johnson Foundation, Racine, Wisconsin, for the support of a postdoctoral fellow, for the academic year 1961-62, in the Institute for Research in the Humanities. (47-3424)
46. \$ 1,000.00 - The Johnson Foundation, Racine, Wisconsin, for the support of an award to be made to a member of the faculty of the Extension Division during the 1960-61 academic year. (47-3425)

RECOMMENDATIONS AND REPORT OF THE VICE PRESIDENT - BUSINESS AND FINANCE

to the

BOARD OF REGENTS

July 8, 1960

EXHIBIT B

I. Recommendations

1. That, upon the recommendation of the Dean of the College of Agriculture, an easement be granted to the Highway Commission of the State of Wisconsin for a Historical Marker Site as long as so used in the following described lands in Door County, State of Wisconsin, including the right to erect and display such marker and the right to preserve and protect any vegetation existing on said lands, and the right to plant thereon and protect any vegetation that the highway authorities may deem desirable to prevent erosion of the soil or to beautify the highway and Marker Site:

A parcel of land in the S 1/2-SW 1/4, Section 22, T28N, R26E, described as follows:

Commencing at a point where the south line of said Section 22 intersects the centerline of STH 42 as it now exists, said point being at or near the southwest corner of said Section 22; Thence north along the centerline of STH 42 as it now exists 679 feet to the north line of the said S 1/2-SW 1/4; Thence east 40 feet to the point of beginning, said point being on the east line of said STH 42; Thence south along said east line 130 feet; Thence turning at right angles to the east 30 feet; Thence north and parallel with the center line of said STH 42 130 feet to the north line of the said S 1/2-SW 1/4-SW 1/4; Thence west along said north line 30 feet to the point of beginning (said parcel containing 0.09 acres, more or less).

and that the President and the Secretary of the Board be authorized to sign the easement.

2. That, upon the recommendation of the University Houses Faculty Committee, authority be granted to extend the lease of Mr. Collin Schroeder in University Houses to November 1, 1960, a period of four months beyond the five-year limit.
3. That passenger buses be permitted to park in university parking areas, for special university events, in areas designated for such purpose by the superintendent of buildings and grounds, on payment of a parking fee of not less than five dollars for each passenger bus for each event; and that section 1.04(3) of Chapter UW 1 of the Wisconsin Administrative Code be amended accordingly when said Chapter UW 1 is next amended.

EXHIBIT B

Recommendations and Report of the Vice President - Business and Finance  
to the Board of Regents - July 8, 1960

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I. Recommendations (Contd.)

4. That a public hearing be held at 2:00 P.M., on September 9, 1960, in Room 158, Bascom Hall, University of Wisconsin, Madison 6, Wisconsin, on proposed changes in Chapter UW 1, Wisconsin Administrative Code, which consists of rules and regulations relating to traffic and conduct on University property.
5. That, subject to the approval of the Governor and the Director of the Bureau of Engineering, contracts for construction of the Gymnasium Office Addition, University of Wisconsin - Milwaukee - Kenwood Campus - (Project No. 5249) be awarded as follows; and that the Vice President - Business and Finance be authorized to sign the contracts:

General Construction	
Benjamin Zelonky Construction Company, Milwaukee	\$40,220.00
Heating and Ventilating	
Downey Heating Company, Milwaukee	5,600.00
Electrical	
Pieper Electric Company, Milwaukee	3,649.00.

That the following schedule of costs be approved for construction of the Gymnasium Office Addition, University of Wisconsin - Milwaukee - Kenwood Campus:

Total Construction Contract Awards	\$49,469.00
Contract Change Order for Plumbing (Estimated)	400.00
Bureau of Engineering	2,500.00
Contingency	2,500.00
Total Schedule of Costs	<u>\$54,869.00.</u>

(Source of Funds: State Building Commission appropriations of August 27, 1959,  
for this project).



II. Report of Actions Taken by the State Building Commission on June 8, 1960, Affecting the University

1. Authorized preparation of budget preliminaries for improvements at Arlington Farm approved by the Regents on March 12, 1960, and released \$25,000 from 20.830(49) Hill Farm Sales to cover the cost.
2. Voted that it is the intention of the State Building Commission to finance the construction of the Social Studies Building, Fine Arts Building at the University of Wisconsin - Milwaukee, and the Mathematics Building early in the calendar year 1961, either from cash resources or from borrowed funds.
3. Reserved \$800,000 in the building trust fund for minor construction and remodelling, and authorized the Commissioner of Administration to allot \$150,000 of this to the University.
4. Gave preliminary approval, subject to availability of funds, to the allotment of funds in 1960-61 for the following projects at the University:

Land Purchases	\$ 60,000
Kenosha Center - Furniture and Equipment	175,000
Green Bay Center-Furniture and Equipment	165,000
Downer Seminary Remodelling	200,000.

5. Appropriated \$150,000 for the Chemistry Research Building, which, with other available funds, will provide a total of \$2,826,742 for this project and will permit the award of contracts.
6. Tabled approval of the Gymnasium Unit #1 project until further information can be supplied at the July meeting of the Commission.
7. Authorized transfer of \$22,000 from project for remodelling in the Memorial Library to remodelling in the Service Building.
8. Authorized payment of \$650,000 to Milwaukee Downer Seminary, representing final payment on the purchase of the Seminary property. (Total cost \$1,550,000.)
9. Directed that all change orders over \$15,000 shall be presented to the Building Commission for approval.

Recommendations and Report of the Vice President - Business and Finance  
to the Board of Regents - July 8, 1960

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III. Report of Actions Taken by the Board on Government Operations on June 21, 1960, Affecting the University

1. Approved the following increases in the expenditure authorizations to the University of Wisconsin for the fiscal year 1960-61:

Section 20.830(401) from \$6,911,757 to \$7,097,000

Section 20.830(41) from \$3,647,606 to \$3,884,531.

2. Granted an allotment from the appropriation made by Section 20.385 (3) of the Statutes for the fiscal year beginning July 1, 1959, to supplement the appropriation made by Section 20.830 (61) of the Statutes to liquidate the estimated operating deficit of the University Hospitals for the third and fourth quarters of the fiscal year 1959-60, and directed the Director of Finance to establish the actual amount of the deficit and credit such amount when it actually has been determined.  
(Estimated at \$56,148.56).

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>ARMY RESEARCH</u>						
1. Biological Warfare Laboratories	DA-18-064-404-CML-58	11&12	\$ 4,300	6/30/61	Bacteriology	938
2. Biological Warfare Laboratories	DA-18-064-404-CML-211	7	(Extension, Overhead Adj., etc.)	12/31/60	Engin.Exper. Station	2223
3. Chicago Ordnance District	DA-11-022-ORD-1158	8	\$ 106.13	12/31/57	Chemistry	752
4. Chicago Ordnance District	DA-11-022-ORD-2498	3	(Overhead Adj.)	12/31/60	Chemistry	2306
5. Subcontract (WARF) under Chicago Ordnance District Contract	Sub. 1 under DA-11-022-ORD-2059	3	(Extension)	6/30/61	Army Math. Center	2128
6. Ordnance Materials Research Office, Watertown Arsenal	Grant No. DA-ORD-19-066-60-G18	--	\$24,790 (Purchase of Eq.)	--	Grad.School	3190
<u>ATOMIC ENERGY COMMISSION RESEARCH</u>						
7. Chicago Operations Office	AT(11-1)-909	--	\$50,000	5/31/61	Enzyme Lab.	3161
<u>NAVY RESEARCH</u>						
8. Office of Naval Research	Nonr-1202(07)	6	\$ 781.22	1/31/61	Meteorology	2495
<u>HEALTH, EDUCATION, AND WELFARE RESEARCH</u>						
9. Cancer Chemotherapy National Service Center	SA-43-ph-2406	3	\$64,959	6/30/61	McArdle Memorial Lab.	3187
10. Office of Education	To be Assigned		\$82,103	6/30/61	Education	3184

Recommendations and Report of the Vice President - Business and Finance  
to the Board of Regents - July 8, 1960

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IV. Report of Actions Taken - Government Contracts (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>HEALTH, EDUCATION, AND WELFARE RESEARCH</u> (Contd.)						
11. Office of Education	SAE-7135	1	\$ 250	6/30/61	Education	2346
12. Office of Education	SAE-7776	1	\$ 9,908	6/30/61	Education	2516
13. Office of Education	SAE-8588	1	(Term Shortened)	6/30/60	Pol.Science	3064
14. Office of Education	To be Assigned	(Project 152)	\$ 250	9/15/60	Phy.Ed.-Men	3183
15. Office of Education	To be Assigned	--	\$51,917	12/14/63	Indian Studies	3185
16. Office of Education	To be Assigned	(Project 154)	\$ 398	9/15/60	Education	3186

MISCELLANEOUS: RESEARCH, SERVICE, INSTRUCTION

17. U.S.Armed Forces Institute (Instruction & Correction of Correspondence Course Lessons)	DA-47-043 IE-868	--	\$1.12 per lesson paper \$4.48 per tape-recording	6/30/61	Extension	--
18. U.S.Armed Forces Institute (Furnishing of Textbooks)	IE-47-043-695-60 IE-47-043-727-60	-- --	\$ 3,040.03 \$ 9,040.69	-- --	Extension Extension	-- --
19. Veterans Administration (Instruction)	V3030V-1238	2	\$ 2,732	7/3/61	Extension	--
20. U.S.Dept. of Agriculture Animal Husbandry Research Division (Research)	12-14-100-4541(44)	--	\$25,434.00	N.T.E. 3½ yrs. from 6/20/60	Poultry Husb. & Vet.Sci.	3188

Recommendations and Report of the Vice President - Business and Finance  
to the Board of Regents - July 8, 1960

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

1. State of Wisconsin Conservation Commission, Madison	Jointly-financed Research Activities - Funds provided for 1960-61 by Commission as follows:	<u>Fund No.</u> (47)
	Research in Physiology of Pheasants	\$ 1,000 985
	Wildlife Food and Cover Research	2,575 933
	Cedar Grove Scientific Area	-- --
	Ecology and Physiology of Lake Fishes	22,269 2675

VI. Report of Actions Taken - Memorandum Agreements - U.W. Press (Pursuant to Regent Authorization of March 14, 1942)

(See Exhibit B-1, attached)

VII. Budget Transfers

(See Exhibit B-1, attached)

MEMORANDUM AGREEMENTS - UNIVERSITY OF WISCONSIN PRESS

EXHIBIT B-1  
Page 1

Title of Publication

Author

THE RENAISSANCE: Reconsideration of the  
Theories and Interpretations of the Age

Tinsley Helton

EMOTIONAL HEALTH FACTORS IN PUBLIC  
HEALTH NURSING

A. B. Abramovitz

BUDGET TRANSFERS:

<u>Date</u>	<u>Amount</u>	<u>From</u>	<u>To</u>	<u>Purpose</u>
6-3-60	\$30,000	483-College of Agriculture Sal. & Wages-Ext & Pub. Service	483-College of Agriculture Sup. & Exp.-Ext & Pub Serv	Additional funds for operating supplies and services
6-3-60	22,000	482-College of Agriculture Sal. & Wages-Research	482-College of Agriculture Sup & Exp-Res - \$21,000 Equip - Res - 1,000	Additional funds for operating supplies and services and equipment.
6-3-60	1,130	1-41 General Library Salaries & Wages-Libraries	1-41 General Library Supplies & Expense-libraries	Cataloging of Hindi Language books
6-8-60	7,000	2 Heating Station Maintenance - Physical Plant	2- Building & Grounds Maintenance-Physical Plant	Shift in Maintenance Needs
6-14-60	550	1-41 School of Education Supplies & Expense-Instruction	1-41 School of Education Equipment-Intruaction	Spirometer for Physical Ed.
6-15-60	2,000	52 U.W.-M. Dormitories Equipment-Auxiliary Enterprises	52 U.W.-M. Dormitories Supplies & Expense - Aux. Ent.	Additional operating supplies
6-15-60	2,000	1-41 Summer Session Contingent-Instruction	1-41 Summer Session Supplies & Expense- Instr.	Publicity,advertising and brochures

EXHIBIT B-1 - Page 1

BUDGET TRANSFERS (Continued)

<u>Date</u>	<u>Amount</u>	<u>From</u>	<u>To</u>	<u>Purpose</u>
6-15-60	\$6,750	1-41 Gen. Educ. Admin.-Registrar Sal & Wages -Student Services	1-41 Gen. Educ. Admin.-Registrar Sup. & Exp-Student Services \$1,750 Equip-Student Services 5,000	Additional supplies and equip for remodelled area
6-15-60	3,200	1-41 Presidents Unassigned	1-41 General Library Supplies & Exp. - Libraries	Microfilming of theses and purchase of library of Congress cards
6-20-60	80	1-41 Presidents Unassigned	1-41 Grad School-Land Economics Equipment-Research	Filing Cabinet
6-20-60	500	1-41 Gen. Educ. Admin. Dean of Students. Sal. & Wages--Student Services	1-41 Gen. Educ Admin.--Dean of Students. Sup. & Exp. - Student Services	Additional operating supplies and services
6-20-60	250	1-41 Gen. Educ. Admin-Secy. of Faculty. Sup & Exp - Gen. Admin.	1-41-Gen. Educ. Admin- Secy. of Faculty. Sal & Wages-Gen. Admin.	Part-time help
6-20-60	5,649	1-41 Radio & Television Sal & Wages-Ext. & Pub. Serv.	1-41 Radio & Television Equip-Ext. & Public Serv.	Special Television Equipment
6-21-60	8,500	45-Intercollegiate Athletics Sal & Wages - Aux. Ent. \$4,500 Equip. - Aux. Ent. 1,500 New. Const. - Aux. Ent. 2,500	45-Intercollegiate Athletics Sup & Expense - Aux. Ent.	Office supplies, fence repairs, and team travel
6-23-60	25,100	1-41 College of Engineering Salaries & Wages - Instruction	1-41 College of Engineering Equipment-Research	Crystal laboratory equipment
6-24-60	5,300	1-41 University Extension Sal. & Wages - Ext. & Pub. Serv.	1-41 University Extension Equipment - Ext. & Pub. Serv.	Equipment for the Wis. Survey Research Lab.
6-30-60	3,000	1-41 College of Engineering Sal & Wages - Instruction	1-41 Presidents Unassigned	Transfer of Excess salary savings
Presidents Unassigned Balance 6-30-60				\$ 11.48

RESEARCH BALANCE AT THE UNIVERSITY OF WISCONSIN

Certain questions have been raised concerning the balance or imbalance of support for research in the various disciplines at the University of Wisconsin. I would like, therefore, to make a statement on this subject.

I have been connected with research at this University for over thirty years. I am proud of the University's research record. I am proud, too, that the University has had a varied research program. We have been strong in fundamental, basic research, and also in our efforts to apply research to the solution of practical problems. I am proud that the University has won distinction for its research in the natural sciences, in the social sciences and in the humanities.

This does not mean that everything has been satisfactory, or that there has been perfect balance among the various disciplines. There have been problems of balance; we have them still. But we have been attacking these problems with vigor. We will continue to do so.

To be specific: during the past generation Wisconsin, like other major universities, has taken giant steps forward in the natural sciences. In doing so we have been assisted by significant appropriations from the legislature; by appropriations and grants from the federal government; and by gifts and grants from individuals and foundations, including our Wisconsin Alumni Research Foundation. In consequence, the University has made tremendously important contributions in the natural sciences, many of these contributions being of worldwide importance. We rightly take pride in these achievements.



We hope and intend to maintain our lead in those natural science fields in which we have attained distinction -- and to strengthen those natural science areas which need additional support. This will not be an easy task, for natural science research is increasingly complex and expensive; but we think Wisconsin can do the job.

But the research reputation of Wisconsin is not confined to the natural sciences; the University is known also for its outstanding research in the social sciences and humanities. Our future as a great University depends as much on strength in these areas as it does on strength in the natural sciences.

During the past quarter-century, many members of our faculty and friends of the University have been concerned about the status and future of research in the social sciences and humanities, at this institution, and in the nation as a whole. Questions have been asked: Has there been enough financial support for research in the social sciences and humanities? Has Wisconsin been gaining prestige in the natural sciences, while slipping in the social sciences and humanities?

The answers are simple: No, there has not been enough financial support for research in the social sciences and humanities. And yes, there are some indications that the University did decline in prestige in some social science and humanities fields between the two World Wars. It is also true that some of our science departments declined in research productivity during this period.

But here is the important point: We have been doing something about it in the last decade and a half. We are doing something about it now. We are going to do more about it in the future. Certainly I intend to make the continued improvement of the social sciences and humanities a major goal of my admini-

Although much remains to be done, we can already point to significant achievements. Many of our social science and humanities departments have gained in prestige since World War II. During the past five years, while research expenditures in the natural sciences at the University of Wisconsin have doubled, research expenditures in the social sciences and humanities have tripled. Professor Young will give some detailed figures later.

Let me note a few landmarks in the Wisconsin effort to increase research support in the social sciences:

(1) Since 1946 the University Research Committee has used virtually all of its legislative fluid research appropriations to help the social sciences and humanities. Fortunately, the legislature has increased these appropriations substantially in recent years.

(2) Since 1957, at the request of the University, WARF has broadened its policies to provide funds for research in the social sciences and humanities as well as the natural sciences. This experiment has been successful -- WARF funds have helped make possible our Institute for Research in the Humanities, our Mass Communications Center, our new Survey Research Laboratory. We anticipate increased WARF support for the social sciences and humanities in the years ahead.

(3) As the natural sciences have attracted increased research support from WARF, the federal government and other sources, the Regents and University administration and faculty have earmarked certain research funds for use by the social sciences and humanities; e.g., the Brittingham and Vilas professorships, and returns from the projected Shopping Center. Perhaps in the long run we should move as far as possible away from ear-marking and toward completely free use of all research funds; but while we have ear-marking we must do all we can to see that each discipline gets its proper share.

(4) By hard and intelligent work, University faculty members in the social sciences and humanities have obtained large and important grants from private foundations. One example is the Johnson Foundation establishment of a professorship in the Institute for Research in the Humanities. Others are the grants by the Rockefeller, Carnegie, Ford and other foundations for research in law, economics and commerce, history, education, urban studies, Indian language and literature, and military policy. Vice President Harrington has given important leadership in securing these grants. There is every indication that such grants will increase in the future.

(5) Federal research funds, long concentrated in the natural sciences, are becoming available for the social sciences and humanities, through the U.S. Office of Education, the National Science Foundation, the National Institutes of Health, and the National Defense Education Act. The University of Wisconsin has obtained social science and humanities research grants from each of these sources; and we expect such grants to expand rapidly. A significant grant from the National Science Foundation for work in our Economics Department will soon be announced.

Funds available for social science and humanities research are still far below funds available for natural science research. There will always be a difference, because of the high cost of natural science research. But if the past five years are any indication, funds available for social science and humanities research may well increase more rapidly than funds available for natural science research.

It should be emphasized, however, that gains on one side will not hurt the other. There should be no conflict between the natural sciences and the social sciences and humanities. Both can improve together.

Indeed, we are already seeing that we need a joint attack on many problems -- the natural sciences working with the social sciences and humanities. This is the case in such areas as old age, public health, solar energy, overseas development, and urban research. Wisconsin has pioneered in this cooperative research, and it is our hope that such leadership will continue.

As you can see, we are aware of the problems. We intend to push hard to solve them. In this effort we are pleased to have the interest and assistance of the Regents; and everyone interested in the University of Wisconsin.

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UNIT NO. 1 - NEW CHEMISTRY BUILDING  
UNIVERSITY OF WISCONSIN, MADISON

(Project No. 5176)

That, subject to the approval of the Governor and the State Chief Engineer, contracts for the construction, equipping, and extension of utilities for Unit No. 1 of the New Chemistry Building on the Madison campus of the University be awarded as follows; and that the Vice President - Business and Finance be authorized to sign the contracts:

Branch "A" - General Construction - Walch Construction Company, Chicago

Base Bid		<u>\$929,974.00</u>	
Alternates			
A-2 - Omit 53 Lockers	-	2,510.00	
A-4 - Millwork Omissions	-	19,816.00	
A-5 - Omit Asphalt Tile Flooring in Rooms Listed	-	<u>3,000.00</u>	
Total Deduction	\$	<u>25,326.00</u>	
Total Contract Sum			\$ 904,648.00

Branch "B" - Laboratory Equipment - Milwaukee Equipment Company, Milwaukee

Base Bid		<u>\$367,950.00</u>	
Alternates			
B 1a - Durcon Sinks in Lieu of Ceramic	-	3,420.00	
Omit Listed Lab. Equip. Items 1 through 68	-	<u>52,742.00</u>	
Total Deduction	\$	<u>56,162.00</u>	
Total Contract Sum			\$ 311,788.00

Branch "C" - Heating, Ventilating, and Air Conditioning  
C. A. Hooper Company, Madison

Base Bid		<u>\$598,445.00</u>	
Alternates			
C 1 - Omit Connections Items a-k	-	452.00	
Bidders Options			
2 - Weihman Pumps	-	700.00	
3 - Chicago Blower Fans	-	600.00	
4 - Electro Air Filters	-	14,400.00	

Additional Reductions as per Letter Dated  
June 10, 1960

Omit Painting (except coding)	-	890.00	
3/4 " Insul. where quoted	-	<u>481.00</u>	
Total Deduction	\$	<u>17,523.00</u>	
Total Contract Sum			\$ 580,922.00

EXHIBIT D

Branch "D" Plumbing - Hyland, Hall and Company, Madison

Base Bid		<u>\$298,892.00</u>	
Alternates			
D 3 - Omit Connections	Items a-s	-	2,746.00
Bidders Option 1			
Connections for Drip Sinks		†	4,281.00
Additional Deductions as per Letter Dated June 8, 1960			
Omit Painting (except coding)		-	<u>1,700.00</u>
	Total Deduction		165.00
	Total Contract Sum		\$ 298,727.00

Branch "E" - Electrical - Capital Electric Company, Madison

Base Bid		<u>\$227,867.00</u>	
Alternates			
E - 7 Omit Connections	Items a-s	-	1,309.00
Substitution of Light Fixtures (Miller) as quoted in Letter of June 9, 1960 with Radio Suppressors		-	9,069.00
Omit Outlet for Electrostatic Filters		-	<u>105.00</u>
	Total Deduction	\$	<u>10,483.00</u>
	Total Contract Sum		\$ 217,384.00

Branch "F" - Elevator - Northwestern Elevator Company, Inc., Milwaukee

Base Bid		<u>\$ 29,075.00</u>
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Subtotal	
Construction & Equipment	
Contracts	\$2,342,544.00

Base Bid 1 - Heating Conduit - Pharo Heating Company, Inc., Madison	
	\$ 37,300.00

Base Bid 2 - Lake Water Line - Garrett Construction Company, Inc., Madison	
	\$ 2,975.42

Base Bid 3 - Electrical Work - R. J. Nickles, Inc., Madison	
	<u>\$ 8,096.00</u>

Subtotal	
Utility Extensions Contracts	\$ 48,371.42*

\* Chargeable to item of \$78,000 in schedule of costs for  
Utility Extensions

That the following schedule of costs be approved for construction, equipping, and extension of utilities for Unit No. 1 of the New Chemistry Building on the Madison campus of the University:

Total Construction and Equipment Contracts	\$2,342,544.00
Architects Fees	140,000.00
Utility Extensions	78,000.00
Bureau of Engineering	20,000.00
Land	152,771.00
Contingency	<u>93,427.00</u>
 TOTAL SCHEDULE	 \$2,826,742.00

Source of Funds:

National Institutes of Health	
Grant No. RC 441-(R)	\$ 392,779.00
Grant No. RC 441-(R)(S)	7,221.00
Grant No. RC 441-(R)(S2)	<u>97,500.00</u>
 Total N.I.H. Grants	 \$ 497,500.00
 National Science Foundation	 \$ 97,500.00
 Wisconsin Alumni Research Foundation	
Total Grants Authorized	\$1,454,000.00
 Wisconsin State Agencies Building Corporation	
Educational Facilities Building Bonds--	
Series A of 1959	\$ 627,742.00
 State Building Commission Appropriation of	
June 8, 1960	<u>\$ 150,000.00</u>
 TOTAL FUNDS	 \$2,826,742.00

AMENDMENT TO RESOLUTION APPROVED BY THE EXECUTIVE COMMITTEE OF THE REGENTS  
(See Report to Regents - July 8, 1960)  
RELATING TO UNIT NO. 1 - NEW CHEMISTRY BUILDING  
UNIVERSITY OF WISCONSIN, MADISON

(Project No. 5176)

That the contract awards for Branch "B" - Laboratory Equipment - and for Branch "E" - Electrical - and the schedule of costs approved by the Executive Committee of the Regents by mail vote initiated June 16, 1960 (see Executive Committee Report to Regents, July 8, 1960), for Unit No. 1 of the New Chemistry Building on the Madison campus of the University be amended as follows, in accordance with the recommendation of the Bureau of Engineering:

a. Branch "B" - Laboratory Equipment - Hamilton Manufacturing Company,  
Two Rivers

Base Bid	<u>\$367,950.00</u>	
Alternates		
B 1a - Durcon Sinks in Lieu of Ceramic	- 3,420.00	
Omit Listed Lab. Equip. Items 1 through 68	<u>-52,742.00</u>	
Total Deduction	<u>\$ 56,162.00</u>	
Total Contract Sum		\$311,788.00

(Change in name of awardee only)

b. Branch "E" - Electrical - Capital Electric Company, Madison

Base Bid	<u>\$227,867.00</u>	
Alternates		
E-7, Items a through s	- 1,309.00	
Negotiated Deductions as Per Contractor's Letters Dated June 9 and 10. 1960		
(1) Substitute Miller Fixture in Lieu of Specified Fixtures	- 9,169.14	
(2) Omit Electrostatic Filter Wiring	<u>- 105.00</u>	
Total Deduction	<u>\$ 10,583.14</u>	
Total Contract Sum		\$217,283.86

(Reduction of \$100.14 in net contract award. Contingency item in schedule of costs increased by \$100.14 to \$93,527.14, with no change in Total Schedule.)