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

University of Wisconsin - Milwaukee

Held in Room 130, Fine Arts Building

Friday, December 11, 1964, 9:00 A.M.

President DeBardleben presiding

PRESENT: Regents Cohen, DeBardleben, Friedrich, Gelatt, Greenquist, Pasch, Rohde, Rothwell, Steiger and Werner.

ABSENT: None.

Upon motion by Regent Steiger, seconded by Regent Pasch, it was VOTED, That the minutes of the regular meeting of the Board held on November 13, 1964, be approved as sent out to the Regents.

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REPORT AND RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

In presenting for acceptance, the list of Gifts and Grants (EXHIBIT A and EXHIBIT A-1 attached), President Harrington noted that the total reported for December 1964 was not as large as for December 1963, but that the total for this fiscal year is ahead of that of the preceding year.

It was explained that the fiscal year covered by this summary was for the fiscal year ending June 30. Regent Cohen inquired as to the total of gifts

and grants received for the last fiscal year; President Harrington reported that it was approximately \$30 million. President Harrington commented on a number of the items in the list of gifts and grants. Referring to the grant of \$50,340 from the National Science Foundation, for support of a summer institute in mathematics for college teachers, he noted that a grant was received last year from the Rockefeller Foundation for a similar program which was principally for teachers from predominantly Negro southern universities. The purpose of this program is to bring college teachers up to date for more effective teaching. He called attention to the grant of \$123,750 from the Office of Education, Department of Health, Education and Welfare in connection with the National Defense Graduate Fellowship Program. He noted that this program covered various fields from the humanities to the natural sciences and education and included the University of Wisconsin - Milwaukee as well as the University at Madison. He also reported that under this program the University of Wisconsin had more fellowships this year than any other institution in the country. He referred to several of the other gifts and grants, including the gift from Mrs. Elinor G. Pritzlaff, Milwaukee, of an undivided one-quarter interest in her property located at Newberry Boulevard in Milwaukee, which was in addition to the one-eighth interest previously accepted.

Upon motion by Regent Steiger, seconded by Regent Pasch, it was VOTED, That the gifts and grants listed in EXHIBIT A and EXHIBIT A-1 be accepted; and that the appropriate officers of the University be authorized to sign the agreements.

Upon motion by Regent Rothwell, seconded by Regent Friedrich, it was VOTED, That the actions taken by the President of the University since the last meeting of the Regents, relating to appointments, resignations, leaves of absence, and change of status of personnel with rank less than that of Associate Professor, and those relating to non-academic, non-civil service personnel with annual salaries of \$10,500 or less, which are included in the file of employment forms presented at this meeting, and the non-resident tuition remissions, be approved, ratified and confirmed.

Regent Gelatt inquired whether some sort of summary of the actions taken by the President of the University since the preceding meeting of the Regents could be presented to the Regents in the future, perhaps by semesters, in order to determine whether there is any trend in such appointments, resignations, etc. President Harrington indicated that this could be done, and that probably such a report could be made in March.

President Harrington requested Provost Fleming, as Chairman of the Madison Campus Planning Committee, to present the recommendations of the President of the University relating to Madison campus building projects.

Provost Fleming presented the following recommendation:

That the revised site for the Computer Science-Statistics Complex be approved as the north side of the 1200 block of West Dayton Street between North Charter Street and North Orchard Street in lieu of the site on the southwest corner of North Charter Street and West Dayton Street, which was approved by the Regents on August 14, 1964, as the site for this facility, referred to as the Numerical Analysis Building in that action.

The proposed revised site of this complex, as well as the previously approved site were pointed out on a plot plan. Regent Steiger noted that this was a change from the site approved by the Regents as recently as about four months previously. Provost Fleming explained that, subsequent to the approval of the previous site, it was discovered that a substantially larger grant would be obtainable for a larger complex for these facilities, which would be too large to be accommodated by the site previously approved.

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

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Provost Fleming presented the following recommendation:

That the site for the Earth and Space Science Complex (Meteorology) be approved as the south side of the 1200 block of West Dayton Street between North Charter Street and North Orchard Street.

The proposed site was pointed out on a plot plan; and Provost Fleming explained that this site included the originally proposed site for the Computer Science-Statistics Complex, and would also provide sufficient area for future additions to the Earth and Space Science Complex.

Regent Pasch moved approval of the above recommendation, the motion was seconded by Regents Cohen and Friedrich, and it was voted.

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Provost Fleming presented the following recommendation:

That the project cost of the Computer Science - Statistics Complex Unit I (formerly designated Numerical Analysis and Statistics) be revised as follows:

(more)

Building and Equipment	<u>Original</u>	<u>Revised</u>
State Building Commission	\$ 721,440	\$ 921,440
National Science	600,000	600,000
	<u>\$1,321,440</u>	<u>\$1,521,440</u>
Estimated Cost of Site -		
State Building Commission		\$ 250,000

and that the State Building Commission be requested to authorize the revised financing of the project and the purchase of the site.

Provost Fleming explained the proposed increase in funds being requested from the State Building Commission. He reported that the reason for the recommended increase in the project was the belief that centralizing the computers on the campus, rather than having many computer facilities in other new buildings, would result in economy in the long run.

Regent Steiger moved approval of the above recommendation, and the motion was seconded by Regent Cohen.

Regent Steiger stated that, since he had visited two of the computer facilities recently, he could appreciate the need for this proposed Computer Science-Statistics Complex. He suggested that the computer facilities be visited by the other Regents.

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

Provost Fleming presented the following recommendation:

That the project cost of the Earth and Space Science Complex Unit I (formerly designated Meteorology) be revised as follows:

Building and Equipment	<u>Original</u>	<u>Revised</u>
State Building Commission	\$ 950,160	\$1,356,075
National Science Foundation	907,000	1,255,575
National Aeronautics and Space Administration	<u>2,142,840</u>	<u>1,750,000</u>
	\$4,000,000	\$4,361,650
Estimated Cost of Site -		
State Building Commission		\$ 350,000

and that the State Building Commission be requested to authorize the revised financing of the project and the purchase of the site.

Provost Fleming explained that the proposed revision in the cost of this project resulted from changes in the grants from non-state sources. He reported that the amount of the National Science Foundation grant had been revised several times, with a resulting net increase, which required further matching funds from state funds provided by the State Building Commission. He explained that the grant for this project from the National Aeronautics and Space Administration did not require matching funds from state funds.

Regent Cohen moved approval of the above recommendation, and the motion was seconded by Regent Steiger.

Regent Rothwell inquired whether the above recommendation relating to the increase in the cost of the project for the Earth and Space Science Complex Unit I, as well as the above recommendation for the increase in the cost of the project for the Computer Science Complex Unit I, would have to be presented to the Coordinating Committee for Higher Education for approval. President Harrington indicated that these two recommendations would be reported to the Coordinating Committee for Higher Education, and explained that sometimes such recommendations for increases in the scope of projects previously approved by the Coordinating Committee were presented for approval by the Executive Committee of the Coordinating Committee, in order that they might be presented as soon as possible to the State Building Commission. Vice President Peterson explained that it was hoped that the additional funds for the two above projects could be provided by the State Building Commission from its matching fund allotment.

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

Provost Fleming presented the following recommendation:

That the plans for the Classroom Building #1 (Language Building) at Madison be revised to include underground parking facilities at an estimated additional cost of \$100,000.

Provost Fleming indicated that it was planned to include in this building rooms for the Regent meetings, and for the Secretary of the Regents office, and for the central administrative offices of the University. Consequently, some parking facilities would be necessary since there are none in that area. University Architect Sites showed a plot plan of the proposed Language Building development and indicated the proposed parking area which would be entirely below grade, with an entrance from Linden Drive and with a capacity for about 34 cars. He also noted that this arrangement would also provide an entrance for servicing the building. Architect Sites reported that the proposal was that the rooms for the Regent meetings and Regents office would be on the nineteenth floor of the proposed Language Building and that the office of the President and Vice President of the University would be on the eighteenth floor, with other central administrative offices located on the remainder of these floors.

Regent DeBardleben inquired as to why the estimated additional cost of \$100,000 was referred to as being for parking, if it was also to provide service access to the building, and inquired whether there was any distribution of estimated cost between these two functions. Provost Fleming and Architect Sites explained that part of the proposed work would have to be done anyway to provide service access to the building; that there was no breakdown available at the present as to the distribution of cost between these two functions; but that an approximation of such a breakdown had been requested. Vice President Peterson noted that bids would be taken on an alternate basis for this portion of the work.

The proposal was made to amend the recommendation to refer to service facilities as well as parking facilities.

Regent Werner moved approval of the following revised recommendation, and the motion was seconded by Regent Pasch:

That the plans for the Classroom Building #1 (Language Building) at Madison be revised to include underground parking and service facilities at an estimated additional cost of \$100,000.

Regent Steiger suggested the possibility of putting in a second basement level for additional parking, since parking is so badly needed. Provost Fleming explained that it might be possible to provide for more underground parking to the west of the proposed building; and stated that that possibility was being explored.

Regent Cohen inquired as to how many elevators there would be in the proposed Language Building and how many floors of classrooms, since he was concerned about the possibility of having traffic jams when students were passing between classes. Architect Sites explained that there would be three elevators in the building; and that there would be five floors of classrooms, but that three of them could be entered from different grade levels, because of the contour of the site. Architect Sites also explained that elevators in such facilities are normally keyed for use by the faculty and were not normally available for use by students. He noted that this presented some problem, in connection with students visiting professors. Regent Cohen also inquired as to how many floors of classrooms were proposed for the high rise building on the University of Wisconsin - Milwaukee campus and Professor Mangiamale replied that there would be four floors of classrooms.

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

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President Harrington noted that the next two items, consisting of recommendations for the approval of the sites for the Rock County and Waukesha County University Centers, had been approved by the Madison Campus Planning Committee. He noted that it was fortunate that the site question could be settled in both of these counties. He expressed pleasure with the work of

Provost Adolfson in working on these site questions; and also stated that the local people should also be complimented in arriving at satisfactory site selections.

President Harrington requested Provost Adolfson to present these two recommendations.

Provost Adolfson presented the following recommendation:

That the site selected by the Rock County Board of Supervisors for the proposed Rock County University Center, consisting of 50 acres of land in the City of Janesville bounded on the north by Kellogg Avenue, on the east by Garden Drive, and on the south by James View Drive, be approved.

Copies of a data sheet relating to the site and proposed facilities for the Rock County University Center were distributed to the Regents. Provost Adolfson explained that the proposed facility would accommodate from 500 to 550 students; that the proposed cost, exclusive of equipment, was estimated from \$1,000,000 to \$1,200,000; and that the estimated costs for moveable equipment to be provided by the University from state funds, was \$200,000. He explained that the proposed site was at the southwest corner of Janesville, and was almost in the center of the college age student population. Architect Sites showed the location of the proposed site on a map; showed an aerial photograph of the site; and also showed photographs of the site taken from various locations.

Regent Friedrich inquired as to the location of the site that had been recommended by the people from the Beloit area. Architect Sites pointed out that site on a map as being east of Highway I-90. He explained that the University representatives felt that the site for this Center should be west of Highway I-90; and he pointed out on a map the various highways between Janesville and Beloit which would provide access to this site.

Regent Cohen inquired as to when this Center would be open; and Provost Adolfson explained that it was planned for use in September of 1966.

There was discussion of whether or not the proposed site for the Rock County University Center was actually within the City of Janesville. Provost Adolfson and Architect Sites expressed their understanding as being that it was adjacent to the city limits and likely would be annexed in the near future. The resolution received from the Rock County Board of Supervisors indicated that the site was in the City of Janesville. In order to avoid possible subsequent confusion or difficulties, it was agreed that the recommendation should be revised to delete the words "in the City of Janesville" and to add "all in Rock County", before "be approved".

Regent Steiger moved approval of the recommendation, revised to read as follows, and the motion was seconded by Regents Greenquist and Rohde:

That the site selected by the Rock County Board of Supervisors for the proposed Rock County University Center, consisting of 50 acres of land bounded on the north by Kellogg Avenue, on the east by Garden Drive, and on the south by James View Drive, all in Rock County, be approved.

Regent Steiger congratulated Provost Adolfson for having worked out a satisfactory solution to a problem which has been faced in the past, and that is that too many Centers have been placed too close together. He hoped that the new procedure could be followed in the future. President Harrington stated that he was pleased to note that this is the best location for the Rock County University Center and is the furthest removed from Whitewater State University of the various sites considered. President DeBardleben stated that Provost Adolfson and the Rock County Committee should get great credit for resolving this site problem. He commented that this represents the application for the first time of the policy adopted by the Coordinating Committee for Higher Education of deciding on a plan for dispersment of additional educational opportunities throughout Wisconsin, and of deciding what is needed. He stated that it was obvious that this method expedited the process over the previous procedure of the local groups presenting their requests to the Regents.

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

Provost Adolfson presented the following recommendation:

That the site selected by the Waukesha County Board of Supervisors for the proposed Waukesha County University Center, consisting of approximately 84 acres of land located south of Northview Road and north of U.S. Highway 18, and contiguous to the northwest city limits of the City of Waukesha, be approved.

Copies of a data sheet relating to the proposed Waukesha County University of Wisconsin Center were distributed to the Regents.

Provost Adolfson reported that the proposed Center will be opened for 380 freshmen in September 1966, and that the proposed facility, to accommodate a total of 750 students, would cost \$1,425,000, exclusive of the estimate of \$275,000 for moveable equipment to be provided by the University from funds to be requested of the State Building Commission. Provost Adolfson explained the difficulty that had been encountered in selecting the site for this Center. He reported that University representatives had objected to some of the sites proposed by Waukesha County representatives, because of the location or proximity to the Waukesha Airport, which sites were on land presently owned by Waukesha County. He noted that the site finally selected by the Waukesha County Board of Supervisors was an excellent site, well-located, adjacent to the city limits of Waukesha and to the necessary utilities. Architect Sites showed the location of the proposed site on a map; showed an aerial photograph of the site, and showed a number of photographs of the site taken from various locations.

President DeBardleben inquired whether the estimated project costs would provide a facility adequate for the anticipated enrollment. Provost Adolfson stated that the facility would be tight, but may be sufficient, noting, however, that the facility probably will be outgrown within three years. President Harrington inquired whether or not funds obtainable under the National

Educational Facilities Act could be obtained for increasing the size of this project. Provost Adolfson believed that might be possible, but stated that the Waukesha County Board of Supervisors would like to deduct such additional funds from the funds to be provided by the County. He also noted that the Waukesha County Board of Supervisors had taken a first refusal option on an additional 120 acres of land adjacent to this proposed site.

Regent Steiger moved approval of the above recommendation, the motion was seconded by Regent Cohen, and it was voted.

President Harrington suggested combining the discussion of the two items on the agenda covering the University of Wisconsin - Milwaukee College of Applied Science and Engineering Developments and the University and Economic Development in Wisconsin. He noted that the development of UW-M is keyed into the larger program of the total University being helpful to the economy and industry of the state. He stated that one aspect of this total program was the development of the University of Wisconsin - Milwaukee to be of maximum use to the Milwaukee metropolitan area. He noted that Milwaukee is already doing very well economically, having a very low level of unemployment, but, with technological changes coming rapidly, it is necessary for localities to work with higher education to continue to improve themselves. He referred to actions already taken in this development such as the approval of graduate programs at UW-M, including the Ph.D. program in Mathematics, which serves mathematics students who are professional employees in Milwaukee industry. He also noted that a full school of business administration was contemplated at UW-M to assist the metropolitan community. He requested Provost Klotsche to discuss the program of Applied Science and Engineering at UW-M.

Provost Klotsche recalled that, when the Regents went on record as being in favor of major university status for UW-M, it clearly implied the establishment of a number of professional schools on this campus. He noted that the most recently established of such professional schools at UW-M was the College of Applied Science and Engineering, the establishment of which was most enthusiastically received by the Milwaukee community. He explained that UW-M had had a two-year program in Engineering, which has been expanded, and that the physical facilities are being planned on the UW-M campus for the full program. The new Physics and Engineering Building, which is now under construction, is scheduled for completion in September 1965. He reported that a great deal of thought was being given to the development of the program of Applied Science and Engineering to develop a program that will be unique and different. He introduced Dr. Rosenthal, Dean of the College of Applied Science and Engineering of Milwaukee, who had recently been appointed by the Regents to that deanship and who formerly was on the faculty of the College of Engineering at Madison. Dean Rosenthal explained the proposed development of this program. Among the problems are applying mathematics and physics to engineering courses and then applying these courses to industrial work. He noted that the trend in engineering colleges is toward more broadly based programs, rather than separate specialties in various fields of engineering. He explained that the

newer sciences, such as the computer science, must be recognized in building up a staff for this new college. He also pointed out the necessity of attracting staff and providing facilities for a research program in engineering, which should be developed at the same time as the development of the undergraduate program. He also indicated that a number of courses would be cutting across departmental and college lines, as in the areas of engineering and commerce. Dean Rosenthal expressed appreciation at being able to participate in the development of a program of excellence for the College of Applied Science and Engineering at the University of Wisconsin-Milwaukee.

President Harrington reported that the incoming governor has shown a great deal of interest in this subject of industrial and economic development of Wisconsin, both during his campaign and subsequently, both with respect to consideration of the legislative budget, and in his appearance before the Coordinating Committee for Higher Education. President Harrington suggested that, although the University is moving in the right direction, it has not gone far enough. He discussed the work that has been done by the University-Industry Research Program, under the direction of Professor Rohlich, designed to improve liaison between University research people and the industrial people in the state. He explained that this program has begun to move along two lines, one, turning out manpower that will be helpful to industry, either as full time employees or as consultants, and secondly, informing industry as to research staff available and as to recent research discoveries that might be of benefit to industry. He suggested that this program should be expanded to work in the area of economic development as well as industrial development. President Harrington requested Vice President Clodius to discuss what is being done on a regional basis in this field. Vice President Clodius reported on studies made by the Committee on Institutional Cooperation, representing eleven midwestern universities. He referred to a report which studied the question of greater economic development on the east and west coasts and the movement of university graduates away from the midwest. This report indicated that, whereas the industry on the two coasts was built largely on government work, involving research and development contracts, with a major volume in the fields of defense and space research, the main economic resource base in the midwest was manufacturing in the consumer-producer goods area. Vice President Clodius explained that this report rejected the idea of imitating the developments on the two coasts, and instead suggested looking ten years ahead to consider what would be the large volume of research oriented to consumers goods and producers goods and to research of more immediate and practical concern to the welfare of the people. He suggested that the universities might establish a center or program to carry forth the kind of investigations that might match this consumer mission-oriented kind of activity in the midwest and could be applied to the kinds of economic and welfare problems that would come out of such activity. He noted that one suggestion was for the formation of a group of universities to bring together the resources of the eleven universities to bear on this problem. Regent Greenquist commented on a discussion at a recent meeting in Racine at which the point was made that industry in Wisconsin had not been geared to the urgent needs of the times and consequently had not received the research and development work under government contracts to any large extent, and at which the suggestion was made that the machinery should be set up now in Wisconsin to meet the needs when they arise.

President Harrington referred to the fact that the Board of Visitors, with the approval of the Regents, had changed its organization for the purpose of resolving itself into committees to look at special problems of the University in the Center System and at Milwaukee as well as at Madison. By so doing, it was felt that it would be able to report more frequently to the Regents and provide interim reports as well as the annual report. He noted that the first report had just been issued, but was too late for the agenda for this meeting, and would be sent to each Regent. He suggested that this report, and subsequent reports, be referred to the Educational Committee for consideration.

Regent Werner referred to a reference on the first page of the Interim Report of The Board of Visitors, dated December 11, 1964, regarding discussion of "an open door admission policy". He inquired whether that was at variance with the present admission policy of the University. President Harrington explained that the admission policy on all campuses of the University is the same, but that there are certain exceptions, such as the special experiment in Milwaukee of bringing into the University on probation some underprivileged persons in high schools who have been selected for special attention in high schools for this purpose. He thought that this situation might be what was referred to in the Board of Visitors' Report. President DeBardeleben stated that this was a most important question throughout the state, and that there were large numbers of people who felt that the admission standards, particularly in Madison, are selective and strict. President Harrington stated that all parts of the University do have a selective admission policy, in that they require certain patterns of high school courses for admission. He also explained that the students in the lower one-half of the high school classes are required to take examinations for admission. He noted that sometimes students are admitted on probation who do not meet the requirements. He also stated that, at the University Centers, where the students live at home, the University more readily admits those who do not fully qualify for admission at Madison. However, he noted that we basically have a single and generous admission policy. He felt that the University of Wisconsin should not pursue the policy adopted at the University of Illinois and the University of Minnesota of limiting enrollment because of the large numbers of students applying for admission. He felt that the University was obligated to educate the qualified students; and stated that it has been our position that the state will provide the money to educate these people. He noted that the opportunity granted to the students at the University of Wisconsin is one which the students must measure up to. He reported that 74% of the students who entered the University of Wisconsin as freshmen the preceding Fall reentered this Fall, which is a marked improvement over former times when only one-half, or less than one-half, returned for the second year. Considerable discussion followed, relating to details and practices of the admission of students.

The meeting recessed at 11:00 A.M. for committee meetings,
to be reconvened at 1:15 P.M.

The meeting reconvened at 1:15 P.M., December 11, 1964,
with President DeBardleben presiding

PRESENT: Regents Cohen, DeBardleben, Friedrich, Gelatt, Greenquist, Pasch,
Rohde, Rothwell, Steiger, and Werner.

ABSENT: None. All Regents present.

UW-M
Provost Klotsche reported that, in 1956, the Committee of Thirty, in arriving at certain decisions regarding the merging of the Milwaukee Campus with the University, had decided on certain school colors, mascot, etc.; and that the students since have questioned whether these designations shouldn't be reconsidered. He reported that the students at UW-M are having a referendum on the choice of school colors and a mascot; and that the final decision would be made by the Student Life and Interests Committee. He noted that the selection of a school song for UW-M will be a greater problem than the selection of colors and a mascot. He explained that the students at UW-M want an identity of their own, which is the reason for the proposal to select new colors, etc. He noted that the designations made by the Committee of Thirty in 1956 had not been acted on by the Regents.

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President Harrington reported that the Governor-Elect has called a budget conference for December 17 and 18 for the presentation of the budgets of the University of Wisconsin, the University Hospitals budget, which is separate from our regular budget, the State Universities, and the state subsidy to the County Colleges. He explained that at these budget hearings, representatives of the Coordinating Committee will report what it did with the budget requests of the various institutions, and that that presentation will be followed by presentations by the University and by the State Universities. He reported that he had requested the President and the Vice President of the Regents to attend these budget hearings, and that there would also be only a small group from the University administration present.

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On reporting on the meeting of the Coordinating Committee for Higher Education held on December 10, President Harrington reported that Governor-Elect Knowles had met with the Coordinating Committee on that date as the result of a suggestion which originated in the Plans and Policies Subcommittee of the Coordinating Committee.

Regarding the actions taken by the Coordinating Committee on December 10, President Harrington reported that the Coordinating Committee had deferred action on the question of the additional four-year degree granting institutions in the Racine-Kenosha and in the Green Bay areas. He noted that this action was deferred on the recommendation of the Plans and Policies Subcommittee of the Coordinating Committee, which had decided to postpone action on the question as to whether these two new campuses would be run by the University of Wisconsin or by the State Universities. He noted that the Coordinating Committee stands on the record that these two new campuses are needed, but noted that no funds have been requested to build these new campuses. However, he reported that the Coordinating Committee had increased the request made by the University for planning funds for these two new campuses. He explained that the request for planning funds was now before the State Building Commission which has begun to review the building requests for the 1965-67 biennium. He reported that the Coordinating Committee had also approved working papers containing revised tables of enrollment projections, copies of which all Regents would receive with copies of the Coordinating Committee materials. President Harrington stated that the University planning would not be changed by these revised enrollment projections. He stated that, although we do not want to stop the growth at Madison, we would like to slow down the rate of growth so that the enrollment in 1973-74 would be somewhat below 50,000 students, rather than above that number. He noted that the administration had brought to the Regents previously a number of suggestions which would result in slowing down the growth on the Madison campus, including one that the fees at the University Centers be set lower than at Madison or Milwaukee, and another being to develop new programs at UW-M. President Harrington mentioned in some detail the various revised enrollment projections made by the Coordinating Committee for the University, the State Universities, and the Vocational Schools, and called particular attention to the markedly larger rate of growth projected for the State Universities and the Vocational Schools, as compared with the University of Wisconsin. President Harrington emphasized that it was almost impossible to look ahead regarding enrollment very well to 1975, and that, although enrollment projections are useful in planning for acquisition of land and setting long range building programs, these enrollment figures will vary considerably from year to year and as between the various systems in the total educational system of the state. President Harrington reported that the Coordinating Committee did not have to act on the sites for the Rock County and Waukesha County University Centers, since the Coordinating Committee had previously indicated that these Centers would come under the operation of the University. He noted, however, that the sites selected will be reported to the Coordinating Committee for its information.

Regent Steiger, noting that the Coordinating Committee and the Regents have never indicated a limit on enrollment at any of the institutions, stated that he believed we will have to reconsider this position sometime. He referred to the situation in California where the California Board had to reverse its position and establish enrollment limits at various institutions. He explained that, in California, the students in the lower one-half of the high school graduating classes who cannot get into the University can enroll in the city or municipal colleges. He noted that such students in Wisconsin do not have a similar opportunity. President Harrington stated that he was sure that this Board and the Coordinating Committee will continue to look at

a great variety of possibilities. He agreed that the procedure followed in California represents one solution to this question, but is one that this state has not chosen to take. He noted that the Regents of the University of Wisconsin could reverse their vote of the past, if they wanted to, that all parts of the University have the same admission standards. As an example, he stated that the admission policy could be changed so that the students in the lower portion of the high school graduating classes would have to go to the University Centers, rather than to Madison or Milwaukee. A difficulty in such a solution, he noted, is that dormitories are not planned for the University Centers, so that all students in this group would not be able to go to the University Centers. President Harrington also pointed out that this Board and the Coordinating Committee could at any time decide to put a ceiling on enrollment at any of the institutions. He pointed out that, in fact, the Coordinating Committee is considering the problem of optimum and maximum size of state institutions at the request of the State Building Commission. He reported that even inside the University faculty there is a division of opinion as to this question of the size of an institution.

President Harrington then reported on the appearance of Governor-Elect Knowles at the meeting of the Coordinating Committee on December 10, at which time the Governor-Elect made several statements and proposed a number of questions and indicated that he would send to the Coordinating Committee additional questions within the near future. He reported that the Coordinating Committee had agreed that within the next 30 to 60 days it would present to the Governor-Elect a plan which would incorporate the previous plans of the Coordinating Committee and also would incorporate answers to the Governor's questions, based on previous studies of the Joint Staff of the Coordinating Committee and on other studies. President Harrington reported that the Governor-Elect indicated that his request for information was made on the basis of his needs as he goes to the next Legislature. He had not had an opportunity to study the accumulated report of the Coordinating Committee actions to date which was presented at this meeting of the Coordinating Committee and was explained by the members of the Joint Staff. The Governor-Elect had indicated that he appreciated the work that had gone into that report but that what he wanted was something much more specific with reference to the immediate future. President Harrington then commented on a number of questions and points which Governor-Elect Knowles had raised with reference to the University at the Coordinating Committee meeting, and also mentioned some points he had raised regarding the State Universities and the Vocational Schools. President Harrington also reported that the Governor-Elect also referred to the problem of taxes and the difficulty of raising enough money to take care of the students that the Coordinating Committee indicates are going to come to the University and to the State Universities.

There was also discussion by the Regents of the question of what should constitute the optimum number of students in any of the institutions of the state, which question had been raised in the meeting with the State Building Commission on the preceding Monday. It was pointed out that the suggestion had been made at that meeting that no funds would be appropriated for building until an answer was given to this question. Vice President Clodius reported on the discussion of this question at the meeting of the

State Building Commission, and pointed out that this is a very difficult question to which there does not seem to be a clear, concise answer, either in terms of academic criteria or in terms of practicality and reasonableness of size. He explained that the Madison Campus Planning Committee has tried to approach this problem in terms of physical planning factors, not academic criteria, to determine, with a large number of assumptions, how many people can be accommodated in a certain geographical area, taking into account the length of period between classes, the distances on the campus, etc. Vice President Clodius also stated that we live in a dynamic world, rather than a static world, and noted that asking how large a campus should be was like asking how large a number of large industrial concerns should be.

In answer to a question, President Harrington also reported that Governor-Elect Knowles had indicated that he would submit additional questions to the Coordinating Committee within a week or ten days; and that it was his understanding that the Coordinating Committee would meet on January 14 to discuss the paper that would be forthcoming from such questions.

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Vice President Cafferty presented the Report of the Vice President for Business Affairs.

Upon motion by Regent Friedrich, seconded by Regent Steiger, it was VOTED, that the report of Actions Taken - Item I., listed under the Report of the Vice President for Business Affairs (EXHIBIT C attached), be approved ratified, and confirmed.

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Vice President Cafferty presented for the information of the Regents, Report on Budget Transfers from November 23, 1964 through December 7, 1964, Item II., listed under the Report of the Vice President for Business Affairs (EXHIBIT C attached).

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Vice President Peterson presented the Recommendations and Report of the Vice President and Trust Officer.

In presenting the report on the purchase of properties in the South Lower Campus area, Vice President Peterson reported that, with these six properties, all of the properties will have been acquired that are required for the South Lower Campus Development; and that they will have been acquired at approximately 2% below the budget estimate.

Upon motion by Regent Gelatt, seconded by Regent Pasch, it was VOTED, That the Report of Actions Taken - Property Purchases, listed under the Report of the Vice President and Trust Officer, (EXHIBIT B attached), be approved, ratified, and confirmed.

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President DeBardleben presented the Report of the Executive Committee.

Upon motion by Regent Rothwell, seconded by Regent Friedrich, it was VOTED, That the resolutions adopted by the Executive Committee since the November 13, 1964 regular meeting of the Board as set forth in EXHIBIT D (attached), be included in the record as official actions of the Executive Committee.

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Regent Pasch presented the Report of the Educational Committee.

Upon motion by Regent Pasch, seconded by Regent Friedrich, it was VOTED, That Arthur Kelman be appointed professor in the Department of Plant Pathology, College of Agriculture, beginning July 1, 1965, salary to be determined in the budget.

Upon motion by Regent Pasch, seconded by Regent Rothwell, it was VOTED, that the annual salary rate of Chester L. Brisley, Professor of Engineering, Extension Division, be changed to \$18,000, effective September 16, 1964. (This is to correct an error in the action taken at the meeting of the Regents on November 13, 1964.)

Upon motion by Regent Pasch, seconded by Regents Greenquist and Steiger, it was VOTED, that the resignation of John Wesley Alexander, Professor of Geography, College of Letters and Science, be accepted effective January 24, 1965.

Regent Pasch moved approval of the following recommendation of the Educational Committee, and the motion was seconded by Regent Rohde:

That the salaries and stipends of graduate teaching and research assistants, and for fellows and scholars, be established for 1965-66 as follows:

	<u>1964-65</u>	<u>1965-66</u>
1. Teaching Assistants (two semester basis, half-time rate)		
New	\$2,790	\$2,970
Experienced	2,880	3,060
2. Research Assistants (half-time rate)		
Two semesters	2,250	2,385
Annual	2,760	2,916
3. Fellows and Scholars (two semester basis)		
Fellows	2,250	2,250
Scholars	1,200	1,200

Noting that there were no increases proposed in the stipends for fellows and scholars, Regent Gelatt inquired whether the reason for there being no increases was the fact that stipends were based on fees. The suggestion was made that there were no increases possibly because of a difference in the taxable basis of the stipends for fellows and scholars as compared with those for the teaching and research assistants. It was also noted that it had not been the practice in the past to increase the stipends for fellows and scholars as regularly as for teaching assistants. It was also noted that this was the recommendation of the Graduate School, and that the answer to Regent Gelatt's inquiry would have to be furnished later.

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

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Regent Steiger presented the Report of the Business and Finance Committee.

Upon motion by Regent Steiger, seconded by Regents Greenquist and Werner, it was

VOTED, That the President or Vice President and the Secretary or Assistant Secretary be authorized to sign a correction deed for the purpose of correcting an error in computation relative to the intersection of the west line of Section 32, T. 39N., R. 12 W., with the centerline (right of way reference line) of the proposed highway right of way described in the quit claim deed dated November 8, 1963 and recorded in the Washburn County Register of Deeds Office on December 3, 1963, in Volume 108 of Deeds, at page 554, which was authorized by the Regents on November 8, 1963. The error is in stating the starting point of the description. The intended location and actual size of the parcel conveyed remain the same. (Copy of the correction deed and plat maps of the right of way are on file.)

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Upon motion by Regent Steiger, seconded by Regents Cohen and Greenquist, it was

VOTED, That the Regents consent to rezoning the following property in the University Hill Farms from Commercial B to Residential D:

Lot 13, except the Southeasterly 35' thereof, of Kelab Replat of a part of Outlot A, Block 34, University Hill Farms, Commercial Reserve Addition, City of Madison, Dane County, Wisconsin.

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Regent Steiger moved approval of the following recommendation of the Business and Finance Committee, and the motion was seconded by Regent Werner:

That authority be granted to lease the following property in Madison needed for University purposes (Chargeable to the 1964-65 operating budget):

Approximately 8,256 square feet
plus basement
623 University Avenue
Melvin J. Andre \$1,860.00 per month.

Regent Pasch inquired as to the use to be made of the space; and Vice President Peterson reported that this space would be used by the Department of Meteorology, especially for research purposes. Regent Steiger reported that the Business and Finance Committee had requested a report to be submitted at the January meeting of the Committee on what the University is paying for rental space.

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

Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That, subject to the approval of the Governor and approval of title by the Attorney General, the following property be purchased for a consideration of \$3,000, chargeable to the John J. Davis Trust Fund:

The Southwest Quarter of the Northwest Quarter
(SW 1/4 - NW 1/4) Section Four (4), Township
Ten (10) North, Range Five (5) East, Honey Creek
Township, Sauk County, Wisconsin.

Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That Wisconsin University Building Corporation be authorized to purchase the property at 302-304 North Frances Street, described as the South 1/2 of the South 1/2 of Lot 6, Block 7, University Addition to the City of Madison (City Parcel No. 147-15), for a consideration of \$68,000 plus an allowance of \$19,500 for fixed equipment which cannot be salvaged, chargeable to funds for acquisition of lands in the Southeast Dormitory area.

Utili:
Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That the proposal of the Madison Water Utility to engage consultants to make a special study of the University's water supply and distribution system and of the integration of the University's system with the City water system be accepted; and that authority be granted to pay one-half of the cost of such study, not to exceed \$5,750, as the University's one-half share.

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Regent Werner presented the Report of the Special Regent Committee On Acquisition of Land in Milwaukee.

Regent Werner pointed out on an aerial photograph the location of the former Milwaukee University School which had been purchased by the University and the location of the several residential properties on North Maryland and North Cramer which had been acquired in connection with that acquisition. He also pointed out the location of the remaining residential properties in that area which it would be desirable for the University to acquire if they became available.

Regent Werner presented the following recommendation of the Special Regent Committee on Acquisition of Land in Milwaukee:

That the State Building Commission be requested to authorize the acquisition of the twelve privately owned residential properties in the 3200 Blocks of North Maryland and North Cramer, Milwaukee, adjacent to the former Milwaukee University School, and to provide the funds for such acquisition as the properties become available.

Regent Werner moved approval of the above recommendation, the motion was seconded by Regents Gelatt and Steiger, and it was voted.

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President DeBardleben, noting that copies had been sent to each Regent of a letter from Mrs. Gretchen H. Schoff, Madison, Wisconsin, in which she raised certain objections to the development of the Madison Campus, reported that that communication had been replied to by Mr. Engman, and that copies of these communications were on file in the office of the Secretary of the Regents.

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Provost Klotsche announced that the rather extended tour of the UW-M Campus, which had been planned for immediately following the adjournment of this

meeting, was being limited to a tour of Bolton Hall for those Regents desiring to inspect the building. He took this opportunity to make several comments regarding the development of the UW-M campus in view of questions which had been raised about the size of the Milwaukee Campus. He noted that there were comments at the meeting of the State Building Commission on the previous Monday as to how large the Milwaukee Campus was expected to become and how the growth of the campus would be handled. Noting that the enrollment of UW-M increased about 11% over the year previously, he estimated that we can look ahead to probably the same rate of increase in the future. On this basis, the present 11,000 students at UW-M would be projected to 25,000 by 1974. He stated that this estimate of 25,000 students is somewhat higher than the estimates made by the Coordinating Committee for Higher Education, but that he felt the estimate of 25,000 was justified in light of the experience of the past few years and in light of the program of UW-M. He believed that the present acreage owned by the University in Milwaukee would make it possible to handle the estimated 25,000 students. Provost Klotsche pointed out on an aerial photograph the approximately 90 acres in the "L" shaped area which comprises the UW-M Campus. He noted that at sometime in the future the problem of acquiring the Hartford School should be taken care of. Noting that discussions had been had previously with the Regents regarding the proposal to provide high rise structures on the UW-M Campus, he stated that the use of high rise structures would be necessary to accommodate the estimated 25,000 students. He reported that Bolton Hall, which the Regents were to inspect following this meeting, and which is the highest building on the campus at present, is nine stories in height. He stated that the planning for future buildings included structures as high as 15, 20, and 25 stories in height.

Provost Klotsche reported that the Physics and Engineering Building is slated for completion in September 1965; that next Spring ground will be broken for the addition to the Fine Arts Building, which will accommodate the theater and the Department of Art and Art Education; and that in the next four to six months it is estimated the ground will be broken for the new free standing Library Building, for which the final plans are estimated to be ready for presentation to the Regents at the February meeting.

With reference to the 1965-67 building requests, he recalled that the Department of Administration has recommended to the State Building Commission three major buildings to be financed from state funds at UW-M, the Applied Science and Engineering Building, the Mathematics and Computer Center Building, and the Language and Linguistics and General Classroom Building. He reported that it was planned to build the first UW-M dormitories on the former Milwaukee Downer College property. He stated that, in the next biennium, further construction of classroom and instructional buildings will have to take place on the former Milwaukee Downer College property. He suggested that expansion to accommodate more than 25,000 students in the next ten years would require breaking out of the present "L" shaped area and acquiring land to the west toward the Milwaukee River. Noting that our position has not changed with reference to this matter, he stated that he felt it desirable to review the situation, in view of the comments that had been made as to whether UW-M will be able to handle the anticipated students.

Reporting on Bolton Hall, Provost Klotsche noted that it is located in the center of the campus and has just been completed. It is being used fully for educational purposes, being designed to accommodate the Social Science Departments and the Commerce Division, although some other departments are housed in it at present. He noted that it also had been designed in a manner to permit future expansion. The first three floors of the building are entirely committed to classrooms and a few administrative offices. He noted that what ordinarily would be called the basement level is being used fully for classroom purposes. He reported that the fourth floor is utilized for mechanical equipment; and the additional five stories are used for faculty offices. He reported that this is the most heavily used building on the UW-M campus. Provost Klotsche suggested that a more complete tour be made of the UW-M campus at the time the Regents meet in Milwaukee in the Spring.

Regent Werner expressed serious doubts as to whether any of the "L" shaped land comprising the UW-M campus should be used for dormitory purposes. He stated that property to the west of the campus would be less expensive to acquire, and that the students should not object to walking two or three blocks to the classrooms. He noted that the dormitories at Madison are some distance from the academic center of the campus. He inquired as to whether there were any restrictions on the use of the land owned by the University on the lake shore in Milwaukee. Provost Klotsche stated that there were no restrictions in the deeds from the donors, but pointed out that the use of such lands for dormitories would result in serious difficulties with residents in that area. Provost Klotsche explained the desirability of constructing the first unit of dormitories on the central campus, in order to bring down the cost to the students. Noting that land costs are high around the UW-M Campus, he stated that acquiring additional land for dormitories would increase the cost to the students considerably. He referred to a previous discussion with the Regents regarding the high rise dormitories in connection with parking and auditorium facilities as part of an addition to the Student Union Building. He stated that proposals will be presented to the Regents later regarding specified sites for dormitories; and noted that the proposal for a 1500 student dormitory unit to be located on the former Milwaukee Downer College property, which had been approved by the Regents and by the Coordinating Committee for Higher Education, was now before the State Building Commission. He admitted that it would be necessary to go off the present "L" shaped campus later for the dormitory construction sites. He emphasized the need to get the housing program going, since, if a start is made now, the first facilities will not be ready until 1967, at which time there will be approximately 15,000 students at UW-M. Obtaining other land for the first dormitory unit will cause a further delay in the program, he concluded. Regent Werner expressed the opinion that, if high rise buildings are to be constructed, not very much land need be acquired for dormitory sites. He also expressed the opinion that the present acreage of the campus would not be much more than adequate for classroom buildings to serve the estimated 25,000 students. Regent Gelatt also suggested that consideration be given to alternate sites for high rise dormitories. He also inquired whether the old main building (Mitchell Hall) is now being used for classrooms, since offices have been moved into other buildings. Provost Klotsche indicated that some departmental offices still remained in Mitchell Hall. Regent Gelatt

expressed the hope that none of the second and third floor space would be used for offices, all of which should be located at higher levels. President Harrington agreed that Regent Gelatt's suggestion was theoretically sound, but pointed out the difficulty of doing very much about it due to the very high cost of remodeling.

President DeBardeleben inquired as to how much acreage would be required for the first unit of dormitories for 1,500 students, and whether it would include parking space. He also inquired as to how much land would have to be devoted to playing fields in connection with the dormitories. Provost Klotsche stated that approximately two acres of land would be required for the first unit of dormitories; that parking would not be provided for students residing in the dormitories; and that the students in dormitories would use the playing fields and recreational spaces that were used by other students for intramural athletics and recreational purposes. President DeBardeleben noted that if dormitory sites were acquired off the present campus, it would be necessary to buy additional land in connection with such sites to provide playing fields and recreational areas; and Provost Klotsche agreed that was correct.

President DeBardeleben recalled that, at a previous meeting, the question had been raised as to whether dormitory construction would be financed in one package instead of separately for the Madison campus and the UW-M campus; and that the administration had been requested to submit recommendations on this matter to the Regents. President Harrington and Vice President Peterson reported that this matter was under study by the central administration, but that the administration was not yet ready to make a report.

Regent Gelatt inquired as to the availability of the land along the river, which did not appear, from the aerial photograph, to be occupied. Provost Klotsche explained that this land was being acquired by Milwaukee County as a part of the program of the County Park System. He stated that a great deal of thought had been given to the development of this river front property; and that, if UW-M should move toward the river with recreational and intramural activities, a very fine arrangement could be worked out between the County and the University. President DeBardeleben inquired as to the extent of delay in the dormitory construction program if it was decided to acquire sites off the present UW-M campus. Provost Klotsche indicated that it would result in considerable delay, since land is presently available on the campus; and he again emphasized the importance of the cost factor to the student in this connection. Regent Gelatt pointed out that, if the dormitory financing in Madison and Milwaukee were combined, the cost of additional land being shared between all the dormitories would not be very great per student. He noted that, in Madison, the cost of acquiring land for dormitories in the Southeast Dormitory Area was spread over all the students in the Madison dormitories. President DeBardeleben suggested that the cost of acquiring land per student might not be a relatively big factor. Regent Werner recalled that it was estimated that land to the west of the Kenwood Campus was considerably less expensive than that to the east. Regent Cohen inquired as to what property was owned by the University on the lake shore; and Provost Klotsche pointed out the location of such properties on the aerial photograph. Regent Gelatt inquired

about the feelings of the neighbors regarding the property along the lake shore and Provost Klotsche explained that this was a very serious problem, the resolving of which would further delay the starting of a dormitory construction program, which he felt was most urgent.

Provost Klotsche stated that further study could be made of this subject in light of the questions that had been raised and further recommendations could be brought back to the Regents. Regent Werner inquired whether dormitories could be built so that they could be easily converted to classrooms; and Vice President Peterson replied in the negative, explaining that it would be tremendously expensive to do so. Regent Friedrich inquired whether buildings could be constructed with classrooms on the first few floors with dormitories occupying the upper floors. Provost Klotsche believed that that could be done, but noted that there was a financial problem involved, because of the different sources of financing that would be involved in connection with these different functions.

Regent Werner also inquired as to what would be done when UW-M outgrows the present football field. Provost Klotsche explained that, at present, some of the UW-M football games are played in other facilities in the city, and stated that there were no plans for developing a major sports facility on the UW-M campus, since this would be a waste of land involving parking and all other kinds of problems.

Regent Steiger agreed that other possibilities for dormitory sites should be explored, but stated that it was not being realistic to talk about buying land in view of the difficulty of getting the necessary money to run the University. He suggested that the State Building Commission would not approve of acquiring additional land for dormitories while vacant land is still available on the present UW-M Campus. Regent Friedrich also noted that there is some resistance to the University expanding out into this neighborhood.

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President Harrington noted that earlier in the day there was discussion about economic and industrial development in Wisconsin and about Governor-Elect Knowles' meeting with the Coordinating Committee for Higher Education on the preceding day. In this connection, he reported that Governor-Elect Knowles had today released his task force document on economic and industrial growth in the State, which report emphasizes the importance of higher education in our economic and industrial development, and also emphasizes the importance of existing facilities. President Harrington stated that he assumed that this was both with reference to turning out manpower needed in this area and also to research needed for industrial and economic development. He noted that this report also stressed the need for additional technical and vocational educational programs.

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The meeting adjourned at 3:15 P.M.

GIFTS AND GRANTS

12/11/64

Unrestricted

1. \$ 10.00 - Acting Dean James F. Crow, Madison, Wisconsin,
an unrestricted gift to be added to the President's
Special Fund.

Gift to President

GIFTS AND GRANTS

12/11/64

Instruction

1. \$ 3,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, a transfer from the E. Gordon Fox Memorial Fund for lectures and other expenses in connection with the establishment of a Chair in American Institutions. (47-3804).
2. \$ 2,500.00 - Wisconsin Department of Public Instruction, Madison, Wisconsin, an institutional grant in support of costs incurred in connection with National Defense Education Fellowships awarded by the donor, 1964-65- Department of Speech. (484-5507).
3. \$ 3,750.00 - Wisconsin Department of Public Instruction, Madison, Wisconsin, an institutional grant in support of costs incurred in connection with National Defense Education Fellowships awarded by the donor, 1964-65 - Department of Counseling and Behavioral Studies. (484-5508).
4. \$ 1,000.00 - The Swedish Institute, Stockholm, Sweden, a gift to support the program of Swedish instruction - Department of Scandinavian Studies. (47-4841).
5. Office of Juvenile Delinquency and Youth Development, Department of Health, Education, and Welfare, Washington, D.C., termination date of grant in support of a Training Program in Juvenile Delinquency Control for Law Enforcement Personnel extended from October 31, 1964 to January 1, 1965 - Bureau of Government, University Extension Division. (63210, Amendment) (484-4701).
6. \$ 459.00 - Bureau of State Services, Department of Health, Education, and Welfare, Washington, D. C., additional support of a Predoctoral Fellowship Award for the period September 1, 1964 through August 31, 1965 - Department of Civil Engineering. (1-F1-WP-26,009-01) (484-5408).
7. \$ 50,340.00 - National Science Foundation, Washington, D. C., in support of a "Summer Institute in Mathematics for College Teachers" for a period terminating September 30, 1965 - Department of Mathematics. (GE-7210) (484-5643).
8. \$ 1,000.00 - National Science Foundation, Washington, D. C., in support of a Cost-of-Education Allowance in connection with a Postdoctoral Fellowship for a period of twelve (12) months, beginning October 15, 1964 - Department of Physiological Chemistry. (44119) (484-5664).

GIFTS AND GRANTS

12/11/64

Instruction

9. \$ 1,000.00 - National Science Foundation, Washington, D. C., in support of a Cost-of-Education Allowance in connection with a Science Faculty Fellowship for a period of twelve (12) months, beginning September 1, 1964 - Department of Mathematics. (64136) (484-4685).
10. \$ 25,000.00 - National Institutes of Health, Bethesda, Maryland, in support of an Undergraduate Training Program for the period January 1, 1965 through December 31, 1965 - Division of Clinical Oncology. (T2 CA 529-18) (484-5649).
11. \$ 47,055.00 - National Institutes of Health, Bethesda, Maryland, in support of a Graduate Training Program in Infectious Diseases for the period July 1, 1965 through June 30, 1966 - Department of Medical Microbiology. (2 T1 AI 85-06) (484-5656).
12. \$ 16,858.00 - National Institutes of Health, Bethesda, Maryland, in support of research entitled "Characterization and Combining Power of Antibodies" for the period September 1, 1964 through August 31, 1965 - Department of Chemistry. (AI 04645-03) (484-5549).
13. National Institutes of Health, Bethesda, Maryland, in support of the following International Post-doctoral Research Fellowships:
- 1) \$ 7,881.00 - For the period November 2, 1964 through November 1, 1965 - Department of Pharmacology. (1 F05-TW-714-01) (484-5470).
- 2) \$ 6,798.00 - For the period November 2, 1964 through November 1, 1965 - Department of Oncology. (1 F05-TW-789-01) (484-5471).
- 3) \$ 8,730.00 - For the period October 28, 1964 through October 27, 1965 - Department of Oncology. (1 F05-TW-689-01 and OLS1) (484-5438).
14. National Institutes of Health, Bethesda, Maryland, in support of the following Predoctoral Fellowship Awards:
- 1) \$ 5,100.00 - For the period November 1, 1964 through October 31, 1965 - Department of Biochemistry. (1-F1-GM-25,253-01A1) (484-5408).
- 2) \$ 6,500.00 - For the period November 1, 1964 through August 31, 1965 - Department of Zoology. (5-F1-GM-16,562-03) (484-5408).

Instruction

14. (continued)

- 3) \$ 5,100.00 - For the period November 7, 1964 through November 6, 1965 - Department of Chemistry.
(1-F1-GM-23,927-01) (484-5408).

15. National Institutes of Health, Bethesda, Maryland,
in support of the following Postdoctoral Fellowship
Supply Allowances:

- 1) \$ 500.00 - For the period October 1, 1964 through September 30, 1965 - Department of Oncology.
(1-F3-CA-143-01) (484-5650).
- 2) \$ 500.00 - For the period September 1, 1964 through August 31, 1965 - Department of Medical Genetics.
(5-F2-GM-20,990-02) (484-5647).
- 3) \$ 500.00 - For the period September 8, 1964 through September 7, 1965 - Department of Sociology.
(1-F2-MH-23,605-01) (484-5642).
- 4) \$ 500.00 - For the period September 1, 1964 through August 31, 1965 - Department of Botany.
(1-F2-GM-10,493-01) (484-5633).
- 5) \$ 500.00 - For the period October 1, 1964 through September 30, 1965 - Institute for Enzyme Research.
(1-F2-GM-24,981,01) (484-5670).
- 6) \$ 500.00 - For the period September 1, 1964 through August 31, 1965 - Department of Chemistry.
(1-F2-GM-25,702-01) (484-5675).
- 7) \$ 500.00 - For the period July 1, 1964 through June 30, 1965 - Department of Medicine.
(7 F2 AM-20,670-02) (484-5672).
16. \$ 1,250.00 - Alaska Department of Education, Juneau, Alaska, an institutional grant in support of costs incurred in connection with a National Defense Education Fellowship awarded by the donor, 1963-64 - Department of Counseling and Behavioral Studies. (484-5508).
17. \$ 500.00 - National Institutes of Health, Bethesda, Maryland, in support of a Special Fellowship Supply Allowance for the period September 15, 1964 through September 14, 1965 - Department of Physiological Chemistry.
(1-F3-GM-6780-01) (484-5671).

Instruction

18. \$123,750.00 - Office of Education, Department of Health, Education, and Welfare, Washington, D. C., to defray institutional costs in connection with the National Defense Graduate Fellowship Program (Title IV) for the academic year 1964-65 in the following areas:

<u>Department</u>	<u>Approved Program</u>	<u>No. of Fellowships at \$2,500 per year</u>	<u>Total Amount</u>	<u>484- Acct. No.</u>
Physical Educ.--Men	Physical Educ.--Men	4	\$10,000	-5319
Mathematics	Mathematics	2.	5,000	-5320
Chinese	Chinese	2	5,000	-5321
Nuclear Engineering	Nuclear Engineering	1	2,500	-5322
Economics	Economics	2	5,000	-5323
French (with UWM)	French	2	5,000	-5324
English (with UWM)	English	2	5,000	-5325
Statistics	Statistics	3	7,500	-5326
Curriculum & Instrc.	Adult Education	6	15,000	-5327
Counseling and	Counselor Education	5 Sem. I	13,750	-5328
Behavioral Studies		6 Sem. II		
Educ. Psychology	Educ. Psychology	7	17,500	-5329
Agric. Econ.	Econ. of Agrarian Reform	6	15,000	-5331
Geography	Geography-Cartography	1	2,500	-5332
Political Science	Comparative Politics	2	5,000	-5333
French	French	3	7,500	-5334
Soils	Soil Organic Chem.	1	2,500	-5335

Student Aid

1. \$ 1,500.00 - American Cancer Society, Wisconsin Division, Madison, Wisconsin, for the continued support of undergraduate scholarships to be awarded during the academic year 1964-65. (47-2445).
2. That, at the request of the donor, the Rock County Bankers Association, Milton Junction, Wisconsin, the terms of the Farm Short Course Scholarship approved by the Regents on August 14, 1964 be revised to provide for four scholarships of \$100.00 each instead of two scholarships of \$200.00 each. (47-3009).
3. \$ 457.00 - University of Wisconsin Foundation, Madison, Wisconsin, gifts from alumni and friends of the University, to be added to the University of Wisconsin Foundation Scholarship Fund established to provide scholarships for students enrolled in the University of Wisconsin. (47-711).
4. \$ 100.00 - Production Credit Association of Janesville, Wisconsin, for the support of a scholarship to be awarded to a student enrolled in the 1964-65 Farm Short Course. (47-4400).
5. \$ 1,200.00 - Clark-Taylor County Bankers Association, Medford, Wisconsin, for the continuation of a scholarship program during the period of the 1964-65 Farm Short Course Session. Six scholarships are to be awarded to farm students selected by the College of Agriculture and the Association upon their enrollment in the Farm Short Course. (47-3006).
6. \$ 2,500.00 - University of Wisconsin Foundation, a gift from the Alvord Foundation, Washington, D. C., to be added to the Alvord Graduate Law Fellowship Fund. Selection of the fellows and division of funds ^{are} to be at the discretion of the Dean and Faculty of the Law School. (47-1123).
7. \$ 66.67 - Bank of Sturgeon Bay, Sturgeon Bay, Wisconsin, for continued support of scholarships to be made available to students enrolled in the 1964-65 Farm Short Course. (47-2087).
8. \$ 300.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made in appreciation of the services rendered by Professor Frank A. Graner of the School of Commerce to the University of Wisconsin Foundation. The fund is to be used to award a scholarship to a student in the School of Commerce

Student Aid

8. (continued)
- majoring in Finance. (47-3063).
9. \$ 600.00 - Humorology-1964, for the continuation of the Humorology Scholarship Fund. Two resident fee scholarships shall be awarded annually for one academic year in the name of distinguished university faculty members. The department members to be honored will be chosen annually, one each by the Wisconsin Panhellenic and Inter-Fraternity Associations. (47-3553).
10. \$ 1,000.00 - Kalmbach Publishing Company, Milwaukee, Wisconsin, to be added to the scholarship in the name of the Association of Railroad Advertising Managers (ARAM), to be awarded to graduate students enrolled in the Division of Commerce at the University of Wisconsin-Milwaukee. The purpose of the award is to develop increased knowledge in the economic and applied aspects of merchandising of transportation and subsidiary services in U.S. and Canada with primary emphasis on rail transportation. The award shall be renewable at the discretion of the donor. (47-4409).
11. \$ 194.60 - Sigma Chapter, Beta Alpha Psi, to be added to the Beta Alpha Psi Alumni Fund, accepted by the Regents on January 9, 1960. (47-3090).
12. \$ 1,650.00 - Western Electric Fund, New York, for the continuation of two undergraduate scholarships, College of Engineering, and one undergraduate scholarship in science, business administration or liberal arts, during 1964-65. The recipients shall be United States citizens, and the scholarships will be in the amount of \$400.00 each. In addition, an unrestricted grant of \$450.00 is provided. (\$1,200.00 - 47-2390; \$450.00 - President's Special Fund - Trust).
13. \$ 100.00 - China Medical Board of New York, Inc., New York, an unrestricted gift for use by the Department of Pathology to defray departmental costs incurred in connection with a fellowship sponsored directly by the donor. Contributions will be made available each month the fellow remains in the department. (47-4587).

Student Aid

14. That the following terms be approved for the administration of the Carns, Cronin, Glassow Trust Fund accepted by the Regents on February 8, 1963:
1. The Governing Board of the University of Wisconsin Physical Education Alumnae Association shall be responsible for all recommendations for awards of scholarships from the Carns, Cronin, Glassow Trust Fund.
 2. Awards shall be made to graduate women in physical education who have given evidence of professional promise.
 3. Income shall be added to principal until the principal account reaches \$10,000.
 4. When the principal reaches \$10,000, the Governing Board of the University of Wisconsin Physical Education Alumnae Association will indicate the necessary changes in terms so that an annual scholarship award can be made. (Trust).
15. \$ 525.00 - Madison General Hospital, Madison, Wisconsin, a gift to support Students in the Training Program for the Masters Degree in Pharmacy. (47-4561).
16. \$ 2,195.00 - Foundry Educational Foundation, Cleveland, Ohio, for the continuation of the Foundry Educational Foundation Scholarship program in Foundry Engineering. (47-767).
17. \$ 5.00 - Col. and Mrs. Ralph M. Gibson, Middleton, Wisconsin, an additional contribution to be added to the Mary R. O'Keefe Loan Fund, to be administered in accordance with the terms approved by the Regents on March 7, 1959. (Student Loan Fund.)
18. \$ 1,000.00 - University of Wisconsin Foundation, a gift of the Oscar Rennebohm Foundation, Inc., restricted for use in the School of Pharmacy; \$600.00 shall be used for awards to graduate assistants for outstanding teaching, and \$400.00 to be used at the discretion of the Dean for lectures and other items. (47-2282).
19. \$ 200.00 - John W. Dargavel Foundation, Chicago, Illinois, to be added to the School of Pharmacy Grant and Scholarship Fund. (47-1078).

GIFTS AND GRANTS

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Student Aid

20. \$ 75.00 - Miss Ruth N. Havemeyer, New Brunswick, New Jersey, a contribution to be added to the Pharmacy Graduate Loan Fund accepted by the Regents on November 4, 1960. (Student Loan).
21. \$ 250.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by Lee's Drug Store, Inc., Menomonie, Wisconsin, to continue the "J.P. Lee Grant in Pharmacy," to be given in whole or in part to a resident of Menomonie, Wisconsin, who is interested in seeking a career in Pharmacy by attending the School of Pharmacy at The University of Wisconsin. In the event that there is not a qualified applicant from Menomonie, the grant shall be awarded to any qualified Wisconsin resident. Recipients of this grant shall be selected by the Committee on Grants and Scholarships of the School of Pharmacy of The University of Wisconsin. (47-3034).
22. \$ 500.00 - Independent Insurance Agents of Wisconsin, Madison, Wisconsin, to continue the Independent Insurance Agents of Wisconsin Scholarship in the School of Commerce. (47-2977).
23. \$ 600.00 - Dane County Bankers Association, Madison, Wisconsin, to continue support of the "Dane County Bankers Association Farm Short Course Scholarships." The fund is used to award scholarships of \$200 each to students enrolled in the Farm Short Course. (47-2110).
24. \$ 91.00 - Sigma Chapter, Beta Alpha Psi, to be added to the Beta Alpha Psi Alumni Fund, accepted by The Regents on January 9, 1960. (47-3090).
25. \$ 500.00 - Dr. Howard L. Correll, Milwaukee, Wisconsin, to be added to the Dr. Stacy Simon Memorial Loan Fund. (Loan).
26. \$ 75.00 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, a contribution to be added to the Pharmacy Graduate Loan Fund accepted by the Regents on November 4, 1960. (Student Loan).
27. \$ 1,250.00 - Aid Association for Lutherans, Appleton, Wisconsin, a gift to be used during 1964-65 to improve the University's Educational Program in Risk, Insurance, and Actuarial Science and to include graduate

Student Aid

27.

(continued)

fellowships, undergraduate scholarships, research, additions to the School of Commerce Insurance Library, lectureships, faculty travel, field trips, printing, postage, and similar items. At least 80 percent of the grant shall be allocated to graduate fellowships and up to 20 percent shall be used for the purpose of research, support, and similar items mentioned above. (47-2865).

28. \$ 1,200.00 - Wisconsin Student Aid Foundation, Inc., Madison, Wisconsin, representing gifts made by friends of the late Lowell R. Robbins to establish the Lowell R. Robbins Memorial Fund. The award shall not exceed the income earned each year and shall be made upon recommendation of the Director of Athletics and with the approval of the Director of Student Financial Aids to a student - athlete or student - athletes, preferably those that are participating in the sport of football. The award need not be made annually. (Trust).
29. \$ 500.00 - Wisconsin Association of School District Administrators, Janesville, Wisconsin
 1,000.00 - Eau Claire Book and Stationery Company, Eau Claire, Wisconsin
 \$ 1,500.00 - for continued support of a fellowship for an educational administrator, Department of Education. Additional contributions may be added to this fund. (47-2515).
30. \$ 100.00 - Temple Beth El, Madison, Wisconsin, to continue support of a scholarship in the Department of Hebrew Studies (Madison) to be awarded to a student who intends to teach Hebrew in high schools or colleges. (47-3047).
31. \$ 9,000.00 - Alfred P. Sloan Foundation, New York City, a grant to provide annual stipends at the Madison Campus for three Alfred P. Sloan National Scholarships for a four-year period beginning with the academic year 1965-66. (47-4843).
32. \$ 1,200.00 - J. W. Hewitt Machine Company, Inc., Neenah, Wisconsin, to be added to the Jack Hewitt Scholarship Fund to provide scholarships for male undergraduate students in accordance with the terms and conditions approved by The Regents on September 12, 1953. (47-1001).

Student Aid

33. \$ 300.00 - Friends of the late Betty Wilson, a graduate of the Department of Physical Education for Women (BS 1959 and MS 1961), to establish the Betty Wilson Loan Fund. The fund shall be used for small emergency loans in Physical Education - Women, under the following conditions:
1. The loan committee shall consist of the Chairman of the Department of Physical Education, the faculty adviser to the loan fund, the faculty adviser to Physical Education Club and the president of Physical Education Club.
 2. The loan may be granted to any undergraduate major who is an active Physical Education Club member and whom the committee feels to be a worthy recipient.
 3. Applications for the loan may be made during the last two weeks of the first semester and the last two weeks of the second semester before final exams begin.
 4. Grade point average, need and professional promise shall be the factors considered when reviewing applications. Unusual cases will be considered at the discretion of the committee. It is advisable for the committee to consult with the applicant's adviser when considering these factors.
 5. The committee shall limit the size of the loan to \$150.
 6. The loan granted must be repaid interest free within two years after graduation.
- (Loan).
34. \$ 3,000.00 - The Dow Chemical Company, Midland, Michigan, to continue a fellowship in Chemistry for the year 1965-66. Preference shall be given to candidates of American citizenship. (47-2162).

GIFTS AND GRANTS

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RESEARCH

1. \$ 185.00 - The National Kraut Packers Association, Inc.,
 St. Charles, Illinois, for the continuation of a
 research project to study methods of controlling
 cabbage diseases - Department of Plant Pathology.
 (47-209).
2. \$ 15.00 - Gifts for the support of research in the Division
 of Clinical Oncology as follows:

 \$5.00 - Mr. and Mrs. Robert Levine, Madison, Wis.,
 given in memory of Robert Engel.
 10.00 - Mrs. Sarahbelle Slemmons, San Jose, Calif.,
 given in memory of David John Jennerjohn.

 (47-1038).
3. \$ 350.00 - Health Research, Inc., Buffalo, New York, repre-
 senting additional amounts allotted to the Division
 of Clinical Oncology on a "per patient" basis for
 costs incurred in connection with a cooperative
 study entitled "Chemotherapy as an Adjuvant to
 Surgery." (47-3908).
4. \$ 3,000.00 - Wisconsin Optometric Association, Madison, Wisconsin,
 a gift for support in the School of Education
 relating to research into the relationships between
 functional vision and child learning and such other
 projects as may be pertinent to further the clarifi-
 cation in this area - Department of Education.
 (47-4557).
5. \$ 15,356.00 - International Copper Research Association, New York
 City, to support an industrial research project
 during the period from September, 1964 to September,
 1965 relating to a study of B¹ and r¹ Martensites
 in Copper-Aluminum Alloys - Department of Minerals
 and Metals Engineering. (47-4832: \$13,960.00;
 47-4385: \$1,396.00)
6. \$ 161.00 - Friends of the late William F. Lorenz, Jr., Madison,
 Wisconsin
 * 5.00 - Mr. and Mrs. Maurice B. Pasch, Madison, Wisconsin
 5.00 - Mr. and Mrs. Raymond Heilman, Madison, Wisconsin
 10.00 - Professor Rondo Cameron, Madison, Wisconsin
 \$ 181.00 - contributions given in memory of the late William
 F. Lorenz, Jr., to be used for Heart Research in
 the Medical School. (47-3832).

GIFTS AND GRANTS

12/11/64

Research

7. \$ 475.00 - Boyd Community Chest, Boyd, Wisconsin, for the support of research in the Medical School as follows:
- \$ 91.00 Heart Research (47-3832)
 183.00 Cancer Research (47-3651)
 110.00 Polio, Arthritis and Birth Defects Research (47-3910)
 91.00 Research in Multiple Sclerosis (47-4349).
8. \$ 25.00 - Mrs. Edward Shovers, Racine, Wisconsin
 25.00 - Mrs. Albert Katz, Racine, Wisconsin
 50.00 - contributions in memory of the late Edward Shovers, to be used in support of heart research in the cardiovascular laboratory. (47-4099).
9. \$ 23,635.00 - The National Foundation, New York, to continue support of the research and other activities carried on in the Birth Defects Clinical Study Center in the University of Wisconsin Children's Hospital by the Department of Pediatrics, for a one-year period beginning January 1, 1965. (47-4835).
10. \$ 5,000.00 - Midwest Universities Consortium for International Activities, Inc., Urbana, Illinois, to defray expenses incurred in writing a research monograph connected with the Land Tenure Study and to assist with Latin American students. (Consortium Code #B-1) (47-4834).
11. \$ 3,000.00 - The Poultry and Egg National Board, Chicago, Illinois, for the support of an industrial research project during the period January 1, 1965 to December 31, 1965 having for its purpose a study of egg yolk - Department of Dairy and Food Industries. (47-4836).
12. \$ 1,050.00 - Marschall Dairy Laboratory, Inc., Madison, Wisconsin, for the support of an industrial research project during the period November 15, 1964 to November 14, 1965 having for its purpose a comparison of culture media for lactic cultures used in cheesemaking - Department of Dairy and Food Industries. (47-4837).
13. \$ 150.00 - Mrs. Phillip J. Zellmer, Oshkosh, Wisconsin, given in memory of her late husband, for the support of research in malignant diseases to be conducted in the Department of Medicine. (47-4182).

GIFTS AND GRANTS

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Research

14. \$ 500.00 - Hooker Chemical Corporation, Niagara Falls, New York, for the support of an industrial research project having for its purpose a study of the effectiveness of certain antibiotics in the control of Dutch elm disease - Department of Plant Pathology. (47-3215).
15. \$ 3,000.00 - Smith Kline & French Foundation, Philadelphia, Pennsylvania, a grant to support pharmaceutical research at the University of Wisconsin-Milwaukee. (47-4838).
16. \$ 4,000.00 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, for the support of research in the School of Pharmacy on hydrolysis of certain drug esters, during a one-year period beginning July 1, 1964. (47-4839).
17. \$ 13,000.00 - Malleable Founders Society, Cleveland, Ohio, for the continued support of a research project entitled "A Study of Methods of Eliminating Surface Defects on Malleable Castings,"- Department of Minerals and Metals Engineering. (47-3772).
18. \$ 194.40 - Wisconsin Cannery Association, Madison, Wisconsin, to be used to purchase experimental equipment for use in the food technology division of the Department of Dairy and Food Industries. (47-3205).
19. \$ 250.00 - Westfield Community Chest, Westfield, Wisconsin, a gift to be used for cancer research in the Medical School. (47-3651).
20. \$ 1,000.00 - The Dow Chemical Company, Midland, Michigan, an unrestricted gift for use by the Department of Chemical Engineering. (47-3852).
21. National Institutes of Health, Bethesda, Maryland, in support of the following research projects entitled:
 - 1) \$ 7,440.00 - "Binding Activity of Enzyme-Like Organic Catalysts" for the period December 1, 1964 through November 30, 1965 - School of Pharmacy. (AM 03437-06) (484-5639).
 - 2) \$ 4,060.00 - "The Assessment of Attitudes toward Physical Activity" for the period October 1, 1964 through September 30, 1965 - Department of Physical Education, Men. (MH 11038-01) (484-5636).

Research

21.

(continued)

- 3) \$ 34,616.00 - "Immunochemistry of Polypeptides and Proteins" for the period November 1, 1964 through October 31, 1965 - Department of Biochemistry. (AI 00101-16) (484-5625).
- 4) \$ 18,408.00 - "Genetics of 3 Small Bacteriophages" for the period December 1, 1964 through November 30, 1965 - Department of Bacteriology. (AI 05627-02) (484-5634).
- 5) \$ 29,880.00 - "Study Center for Newcastle Disease Virus" for the period September 1, 1964 through August 31, 1965 - Department of Veterinary Science. (AI 05097-03) (484-5542).
- 6) \$ 37,452.00 - "Pathogenicity of Staphylococcus Aureus" for the period September 1, 1964 through August 31, 1965 - Department of Veterinary Science. (AI 05187-01) (484-5637).
- 7) \$ 29,137.00 - "Enzymatic Synthesis of Carotenes" for the period December 1, 1964 through November 30, 1965 - Department of Physiological Chemistry. (AM 01383-09) (484-5646).
- 8) \$ 23,298.00 - "Interaction of Organic Molecules in Water" for the period December 1, 1964 through November 30, 1965 - School of Pharmacy. (GM 05830-07) (484-5641).
- 9) \$ 14,640.00 - "Metabolism of Thyroid Hormones" for the period December 1, 1964 through November 30, 1965 - Institute for Enzyme Research. (AM 04613-05) (484-5645).
- 10) \$ 8,710.00 - "Metabolism of Amino Acids in Liver Disease " for the period September 1, 1964 through August 31, 1965 - Department of Medicine. (AM 06329-03) (484-5517).
- 11) \$ 23,702.00 - "Cytogenetics and Population Genetics of Drosophila" for the period September 1, 1964 through August 31, 1965 - Department of Medical Genetics. (GM 07666-05) (484-5527).
- 12) \$ 13,116.00 - "Cardiovascular Lesions Produced by Certain Toxic Fats" for the period December 1, 1964 through November 30, 1965 - Department of Pathology. (HE 08681-02) (484-5652).

Research

21.

(continued)

- 13) \$ 12,000.00 - "Total Synthesis of Terramycin" for the period December 1, 1964 through November 30, 1965 - Department of Chemistry. (AI 04221-04) (484-5653).
- 14) \$ 38,750.00 - "Institute in Executive Development" for the period November 1, 1964 through October 31, 1965 - Extension Division, Center for Advanced Study in Organization Science. (MH 01233-03) (484-5638).
- 15) \$ 26,823.00 - "Persistent Viral Infections of Animal Cells" for the period December 1, 1964 through November 30, 1965 - Department of Medical Microbiology. (AI 06334-01) (484-5655).
- 16) \$ 19,920.00 - "Biochemical Functions of Zinc in the Animal Body" for the period December 1, 1964 through November 30, 1965 - Department of Biochemistry. (AM 05606-04) (484-5659).
- 17) \$ 27,660.00 - "Genetic Studies of Antigens" for the period December 1, 1964 through November 30, 1965 - Department of Genetics. (AI 01643-12) (484-5667).
- 18) \$ 20,700.00 - "Mechanisms of Pathogenicity in Facultative Parasites" for the period December 1, 1964 through November 30, 1965 - Department of Plant Pathology. (AI 04259-04) (484-5663).
- 19) \$ 18,000.00 - "Anthelmintic Resistance in Parasitic Nematodes" for the period December 1, 1964 through November 30, 1965 - Department of Veterinary Science. (AI 03611-05) (484-5666).
- 20) \$ 23,782.00 - "Enzyme Systems in the Tubercle Bacillus" for the period December 1, 1964 through November 30, 1965 - Institute for Enzyme Research. (AI 01816-08) (484-5665).
- 21) \$ 37,800.00 - "Reservoir of Equine Encephalomyelitis" for the period December 1, 1964 through November 30, 1965 - Department of Veterinary Science. (AI 00771-11) (484-5662).
- 22) \$ 15,676.00 - "Growth and Recombination in Bacteriophage" for the period December 1, 1964 through November 30, 1965 - Department of Genetics. (AI 05855-02) (484-5661).

Research

21. (continued)

- 23) \$50,461.00 - "Biochemistry of Latent Virus Production (Lysogeny)" for the period December 1, 1964 through November 30, 1965 - Department of Biochemistry. (AI 03603-05) (484-5660).
- 24) \$ 27,270.00 - "Metabolism of Fixed Nitrogen by Plants and Bacteria" for the period December 1, 1964 through November 30, 1965 - Department of Biochemistry. (AI 00848-10) (484-5673).

22. National Institutes of Health, Bethesda, Maryland, in support of the following Research Career Awards:

- 1) \$ 24,948.00 - In connection with research entitled "Structure and Molecular Organization of Genetic Systems" for the period January 1, 1965 through December 31, 1965 - Department of Zoology. (5-K6-GM-21,948-02) (484-5668).
- 2) \$ 21,773.00 - In connection with research entitled "Role of Phospholipids in Active Transport" for the period January 1, 1965 through December 31, 1965 - Department of Physiological Chemistry. (5-K6-GM-1347-04) (484-5669).
- 3) \$ 19,845.00 - In connection with research entitled "Structure and Synthesis of Viruses" for the period January 1, 1965 through December 31, 1965 - Department of Biochemistry. (5-K6-AI-21,942-02) (484-5654).

23. National Science Foundation, Washington, D. C., termination dates of grants in support of following research projects extended:

- 1) "Lyapunov Functions" to January 31, 1965, without additional funds - Department of Mathematics. (G-24335) (484-4222).
- 2) "Geophysical Program in Lake Superior" from April 15, 1965 to April 15, 1966, without additional funds - Department of Geology. (GP-2809) (484-5268).
- 3) "The Lower Atmosphere Using Scattering of Microwaves" to June 30, 1965 - Department of Meteorology and Department of Electrical Engineering. (GP-667) (484-4479 and 484-4480).
- 4) "Design and Development of Experiments for a Semi-Conductor Device Laboratory" to on or about

Research

23. 4)

(continued)

September 30, 1965, without additional funds -
Department of Electrical Engineering.
(GE-1734) (484-4586).

5)

"Concept Formation" to August 31, 1965, without
additional funds. Department of Psychology.
(G-19255) (484-3774).

24. \$170,000.00 - National Science Foundation, Washington, D. C., in support of research entitled "Enzymes Involved in Energy Transfer Reactions" for a period of approximately three (3) years, beginning November 1, 1964 - Institute for Enzyme Research. (GB-3002) (484-5648).
25. \$ 2,000.00 - National Science Foundation, Washington, D. C., an academic year extension support grant related to a program of Research Participation for College Teachers for a period terminating October 31, 1966 - University Center System, Manitowoc Center. (GE-6908) (484-5651).
26. \$ 30,900.00 - Bureau of State Services, Department of Health, Education, and Welfare, Washington, D. C., in support of a project entitled "Community Project in Neurologic Disease-Epilepsy for the period November 1, 1964 through October 31, 1965 - Department of Neurology. (N5301B65) (484-5640).
27. \$ 28,298.00 - Bureau of State Services, Department of Health, Education, and Welfare, Washington, D. C., in support of research entitled "Enterovirus Infections in a Student Population" for the period December 1, 1964 through November 30, 1965 - Department of Preventive Medicine. (CC 00030-04) (484-5658).

GIFTS AND GRANTS

12/11/64

Libraries

1. \$ 5.00 - Lowell Frautschi, Madison, Wisconsin, contribution to be added to the Friends of the University of Wisconsin Library Fund. (47-822).
2. \$ 50.00 - Miss Roslyn M. Rensch, Evanston, Illinois, given in memory of her mother, Maria P. Rensch, to be used for the purchase of books for the Art History library. (47-4842).
3. \$ 3,600.00 - Wisconsin Council of Agriculture Co-operatives and friends of Milo K. Swanton, to establish the Milo K. Swanton Cooperative Library Fund, to be used for the purchase of books, pamphlets and other educational materials on cooperatives for the College of Agriculture Library. A portion of the fund may be transferred to the Trust Funds if deemed advisable at a later date. (47-4845).

GIFTS AND GRANTS

12/11/64

Physical Plant

1. \$ 10.00 - Professor and Mrs. Julian E. Mack, Madison, Wisconsin, given in memory of the late Elizabeth Runge, to be added to the fund established for constructing the Elvehjem Art Center on the Madison Campus. (Trust).
2. \$ 500.00 - R. Worth Vaughan, Tenafly, New Jersey, to be added to the fund established for constructing the Elvehjem Art Center on the Madison Campus. (Trust)
3. \$ 500.00 - ASARCO Foundation, New York City, a gift matching a contribution made by R. Worth Vaughan, to be added to the fund established for constructing the Elvehjem Art Center on the Madison Campus. (Trust).

GIFTS AND GRANTS

12/11/64

Miscellaneous

1. \$ 1,668.00 - Oak Ridge Institute of Nuclear Studies, Oakridge, Tennessee, given in connection with fellowships in nuclear science and engineering supported directly by the donor - Engineering Experiment Station. (47-3803).
2. \$ 1,200.00 - Underwriters' Laboratories, Inc., Chicago, Illinois, a gift to be used at the discretion of the Dean of the College of Engineering. Additional contributions may be added to this account. (47-4833).
3. W. K. Kellogg Foundation, Battle Creek, Michigan, termination date of grant in support of the National Agricultural Extension Center for Advanced Study in the College of Agriculture extended through the 1966-67 project year. (47-2079).
4. \$ 100.00 - Schoolmasters Club, Inc., of Wisconsin, Milwaukee, Wisconsin, to be used at the discretion of the Dean of the School of Education, University of Wisconsin-Milwaukee, without regard to state fiscal regulations or procedures. (47-3536).
5. \$ 345.00 - Members of the Consultation Practice Plan, University of Wisconsin Medical School, to be added to the Consultation Practice Plan Special Fund accepted by The Regents on March 10, 1961. (47-3566).
6. \$ 750.00 - Wisconsin Society for Jewish Learning, Inc., Milwaukee, Wisconsin, to support special projects in the Department of Hebrew Studies. (47-2310).
7. \$ 1,000.00 - The Rockefeller Foundation, New York City, a grant to enable a consultant in theatre arts to visit the University of Helsinki, Finland. The gift is available for approximately three weeks during the period ending December 31, 1964, at which time any unexpended balance will revert to the donor. (GA-HSS 6499) (47-4840).
8. \$ 1,000.00 - Pabst Brewing Company, Milwaukee, Wisconsin, given in recognition of the assistance rendered by the Wisconsin Idea Theatre to the Holiday Folk Fair program in Milwaukee, to be added to the Wisconsin Idea Theatre Trust Fund.

GIFTS AND GRANTS

12/11/64

Miscellaneous

9. \$ 299.95 - Deutscher Akademischer Austauschdienst, Bad Godesberg, Germany, to defray expenses incurred by the Institute for Enzyme Research in connection with a post-doctoral fellow supported directly by the donor during the period October 1, 1964 through September 30, 1965. (47-4844).

Gifts-in-Kind

1. A. Arlie Sinaiko, New York City, a gift to the Department of Art History of his sculpture entitled "Protozoan Revelry." The object has been independently appraised at \$2,250.00.
2. Alvin Boretz, Woodmere, New York, a gift of original annotated scripts and prefatory notes with historical background information for the scripts and the series for which they were written and produced during the years 1956 to 1963, to be housed in the manuscript division of the State Historical Society of Wisconsin. The material has been independently appraised at \$1,500.
3. Arnold Perl, New York City, a gift of material relating to the productions of The World of Sholom Aleichem and Tevya and His Daughters. The material is to be housed in the manuscript division of the State Historical Society of Wisconsin and has been independently appraised at \$4,400.00.
4. Emeritus Professor Hans H. Reese, Madison, Wisconsin, a gift to the Medical School Library of his books and treatises, part of which is situated at University Hospitals and part at his home. The collection consists of approximately 764 volumes and has been appraised by the Medical School Librarian at \$12,600.00. The donor reserves the right of possession and enjoyment of the collection during the remainder of his life.

PLEASE NOTE: THE DONOR HAS REQUESTED THAT THIS GIFT NOT BE PUBLICIZED.
5. David Davidson, New York City, a gift of typescript and manuscript collection of television scripts, together with additions, revisions, drafts and outlines, research notes and source material, correspondence relating to production, contracts, reviews, etc., to be housed in the manuscript division of the State Historical Society of Wisconsin. The material has been independently appraised at \$1,200.00.

GIFTS AND GRANTS

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Supplemental Information

December, 1964

	<u>December, 1964</u>	<u>December, 1963</u>
Unrestricted	\$ 10.00	\$ 50.00
Instruction	321,071.00	200,543.55
Student Aid	33,234.27	29,951.08
Research	935,456.40	990,987.37
Libraries	3,655.00	203.00
Physical Plant	1,010.00	18,020.00
Miscellaneous	6,362.95	272,113.00
Gifts-in-Kind	<u>21,950.00</u>	<u>10,350.00</u>
Totals, December	\$ 1,322,749.62 ⁽¹⁾	\$ 1,522,218.00 ⁽²⁾
Previously Reported	<u>16,092,099.93</u>	<u>12,736,380.66</u>
Grand Totals	\$17,414,849.55	\$14,258,598.66

(1) Includes \$1,178,136.00 from Federal Agencies.

(2) Includes \$820,940.00 from Federal Agencies.

12/11/64

Supplemental List -
GIFTS AND GRANTS

(Amounts not included in
totals shown in Exhibit A.)

Instruction

19.

The Wisconsin State Council on Economic Education, a grant of not to exceed \$21,000.00 in partial support of operations of a Center for Economic Education to be established at the University of Wisconsin-Milwaukee. It is understood that:

1) The Center, when established, shall be an integral part of the University of Wisconsin-Milwaukee and its operation shall be wholly the responsibility of UWM.

2) The general purpose of the Center shall be to help raise general levels of economic literacy in Wisconsin by encouraging increased study of the basic principles of economics and increased understanding of the American economic system and its institutions.

3) The greatest emphasis will be placed on work with the teachers and administrators of the schools of the State from the elementary and secondary schools through the teacher training institutions.

4) The objective of the Center will be carried out mainly by pre-service programs, in-service institutes, summer workshops and local and sectional conferences.

(47-4849).

Supplemental List -
GIFTS AND GRANTS

(Amounts not included in
totals shown in Exhibit A.)

Student Aid

35. \$ 1,000.00 - Stephen E. Slinger, Randolph, Wisconsin, a gift to establish a College of Agriculture Farm Short Course Scholarship to be awarded to applicants residing in the area of Randolph, Cambria or Fox Lake, Wisconsin. If there are no qualified applicants from the aforementioned area, the area may be expanded at the discretion of the Dean of the College of Agriculture to include adjacent neighborhoods. (47-4850).
36. David Slinger, Randolph, Wisconsin, a gift of three warehouses, scales and driveway located on property leased from the Chicago, Milwaukee, St. Paul and Pacific Railroad Company in Cambria, Columbia County, Wisconsin, subject to a net lease which provides \$400.00 per year for a five-year period beginning August 1, 1964. The fund is to be used by the College of Agriculture to award Farm Short Course Scholarships to applicants residing in the area of Randolph, Cambria or Fox Lake, Wisconsin. If no qualified applicants from the aforementioned area are selected, the area may be expanded at the discretion of the Dean of the College of Agriculture to include adjacent neighborhoods. (47-4850).

Gifts-in-Kind

6. Mrs. Elinor G. Pritzlaff, Milwaukee, Wisconsin, an undivided one-quarter (1/4) interest in her property located at Newberry Boulevard in Milwaukee. This is in addition to the one-eighth (1/8) interest accepted previously.

REPORT OF THE VICE PRESIDENT AND TRUST OFFICER

to the

BOARD OF REGENTS

December 11, 1964

Report of Actions Taken - Property Purchases

Pursuant to authority granted by the Regents, and subject to the approval of the Governor and to the approval of title by the Attorney General, the following purchases of property by the Regents in the campus expansion areas approved by the Regents have been agreed upon; chargeable to funds allotted by the State Building Commission on December 7, 1964:

South Lower Campus

- | | |
|---|------------|
| (1) 415 North Park Street
Parcel 141-22
J. P. Heironimus | \$135,850 |
| (2) 415-17-19 Sterling Court
Parcel 141-12
Nee -Mad Incorporated | \$384,000 |
| (3) 812-14 University Avenue
Parcel 141-17
Mrs. A. J. Pittleman , et al. | \$ 41,000 |
| (4) 802 University Avenue
Parcels 141-14 & 15
Standard Oil Division of
American Oil Company | \$113,700 |
| (5) 816 University Avenue
Parcel 141-18
Max and Arlyne Hurwitz | \$ 35,000 |
| (6) 420 North Murray Street
Parcel 141-10
Mr. and Mrs. Edward C. Lawrence
Mr. and Mrs. Raymond C. Thompson | \$ 33,000. |

EXHIBIT B

REPORT OF THE VICE PRESIDENT FOR BUSINESS AFFAIRS
TO THE
BOARD OF REGENTS
December 11, 1964

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

<u>Agency</u>	<u>Amount</u>	<u>Department</u>	<u>Fund Number (484)</u>
<u>NEW CONTRACTS</u>			
<u>ARMY</u>			
1. XIV U. S. Army Corps, Minneapolis Minnesota Contract No. DA-21-027-AV-1896 (Provides for the Army ROTC Flight Training Program for five trainees for the 1964-65 academic year.) Sub-contract #1 to DEC Aviation Corporation.	\$ 2,571.25	Military Science Staff Member: Col. James S. Moncrief, Jr.	5657
<u>NAVY</u>			
2. U. S. Navy Purchasing Office Washington, D. C. Contract No. N600(22)62970 (Provides \$116,000 for the period July 1, 1964 through June 30, 1965 to carry out the administration and training of NROTC and to train commissioned officers of the regular Navy.)	116,000	Naval Science Staff Member: Capt. F. A. Todd	
3. U. S. Navy Purchasing Office, Los Angeles, California Contract No. N123-(60530)5169A (Provides \$38,466 for the period October 27, 1964 through October 26, 1966 in support of research entitled "Study of the Percutaneous Absorption Process of Sarin (BG).")	38,466	Pharmacy Principal Investigator: Dale E. Wurster	5626
<u>DEPARTMENT OF COMMERCE</u>			
4. Coast and Geodetic Survey Contract No. C-49-65(Neg) (Provides \$12,446 for a period of seven months, beginning October 1, 1964 in support of research entitled "A Study of Professionals in the Coast and Geodetic Survey".)	12,446	Extension-Center for Advanced Study in Organization Science Principal Investigator: J. A. Slesinger	5599

Report of the Vice President for Business Affairs
to the Board of Regents

I. Report of Actions Taken - Government Contracts (Cont.)

<u>Agency</u>	<u>Amount</u>	<u>Department</u>	<u>Fund Number (484)</u>
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EXTENSION WITH ADDED FUNDS

DEPARTMENT OF DEFENSE

5. U. S. Armed Forces Institute \$ 6,526.43 Extension
Purchase Order No. OSD-MEP-47-043-181-65
(University Extension Division is
to provide 9,000 copies of E400.1
English Composition I, copyright 1961.
Delivery date is January 4, 1965.)

ARMY

6. Edgewood Arsenal, Maryland Pharmacy 5148
Contract No. DA18-035-AMC-115(A),
Modification No. 1
(Allots an additional \$28,000 for a
funded contract total of \$53,000 to
cover performance through January 31,
1966. Contract supports research
entitled "Molecular Binding and
Catalysis". Termination date is
March 2, 1967.)
Principal
Investigator: Takeru Higuichi

7. Edgewood Arsenal, Maryland Pharmacy 4766
Contract No. DA18-108-AMC-209(A),
Modification No. 2
(Allots an additional \$24,830 for
a funded contract total of \$55,000.
Contract supports research entitled
"Reactions Between Tertiary Amines
and Organohalogenating Agents".
Termination date is January 31, 1966.)
Principal
Investigator: Takeru Higuichi

EXTENSION OF TIME, ACCOUNTING ADJUSTMENTS, AND MISCELLANEOUS

ARMY

8. Medical Research and Development Med - Medicine 2052
Command, Washington, D. C.
Contract No. DA-49-007-MD-668,
Modification No. 23
(Extends termination date of contract
from October 31, 1964 to August 31,
1965. Contract supports research
entitled "Observations on Energy
Metabolism in Irreversible Hemorrhagic
Shock".)
Principal
Investigator: Charles W. Crumpton

Report of the Vice President for Business Affairs
to the Board of Regents

I. Report of Actions Taken - Government Contracts (Cont.)

Fund
Number
(484)

Agency

Amount

Department

EXTENSION OF TIME, ACCOUNTING ADJUSTMENTS, AND MISCELLANEOUS (Cont.)

ARMY (Cont.)

- | | | |
|---|--|-------------|
| <p>9. Natick Laboratories, Natic, Mass.
Contract No. DA19-129-QM-1514(N),
Modification No. 5
(Establishes a final overhead rate of
42% for the period July 1, 1961
through December 14, 1962. Contract
supports research entitled "Intra-
muscular Fat and Associated Charac-
teristics in Pork". Termination
date is December 14, 1962.)</p> | <p>Agric - Meat and
Animal Science</p> | <p>3036</p> |
| <p>Principal
Investigator: Robert W. Bray</p> | | |
| <p>10. Electronic Proving Ground
Fort Huachuca, Arizona
Contract No. DA-36-039-AMC-00878(E),
Modification No. 5
(Extends the delivery date for the
annual report to December 15, 1964 and
revises certain articles of the
General Provisions. Contract supports
research entitled "Studies of the
Effects of Variations in Boundary
Conditions on the Atmospheric Boundary
Layer". Termination date is September 30,
1965.)</p> | <p>L&S - Meteorology</p> | <p>4394</p> |
| <p>Principal
Investigator: H. H. Lettau</p> | | |

Report of the Vice President for Business Affairs
to the Board of Regents

II. Budget Transfers

<u>From</u>	<u>To</u>	<u>Amount</u>	<u>Date</u>
1-41, UW - Milwaukee Improvement Contingent, Instr Sal & Wages \$5,728	1-41, UW - Milwaukee International Studies, Admin Sal & Wages \$4,728 Sup & Exp 1,000	\$28,228	11-23-64
Business Affairs, Admin Sal & Wages \$2,500	Business Affairs, Admin Sup & Exp \$2,500		
Buildings & Grds, Phy Plt Sal & Wages \$20,000	Buildings & Grds, Phy Plt Sup & Exp \$20,000		

Purpose: To provide funds for International Studies, business office, and maintenance of recently acquired properties.

1-41, Gen. Educ. Admin, Madison Provost Sup & Exp, Gen Admin	1-41, Gen Educ. Admin. Madison Provost Capital, Gen Admin	2,000	11-30-64
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Purpose: To provide funds required to furnish the administrative offices of the Madison Provost

1-41, Gen. Educ. Admin. International Studies Sup & Exp, Gen Admin	1-41, Gen. Educ. Admin. International Studies Capital, Gen Admin	300	11-30-64
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Purpose: To provide funds for the purchase of furniture and equipment.

1-41, President's Unassigned	1-41, State Geologist, Ext Sup & Exp \$1,000 Capital 2,000	3,000	12-4-64
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Purpose: To provide funds for a new printing of the official state geologic map and for purchase of steel racks to hold well samples

1-41, President's Unassigned	1-41, Extension Division Sup & Exp, Ext	6,200	12-4-64
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Purpose: To provide funds for developing a broader program within the Center for Leisure Resources Development

Report of the Vice President for Business Affairs
to the Board of Regents

II. Budget Transfers (Cont.)

<u>From</u>	<u>To</u>	<u>Amount</u>	<u>Date</u>
1-41, UW - Milwaukee Research Unassigned, Res Sal & Wages \$24,000	1-41, UW - Milwaukee Fine Arts, Res Sal & Wages \$6,000 International Studies, Gen Adm Sal & Wages 2,800 Commerce, Res Sal & Wages 2,500 Applied Science & Engr, Res Sal & Wages 2,500 Letters & Science, Res Sal & Wages 10,200	\$ 24,000	12-4-64

Purpose: To provide salary support for various research projects during the second semester

1-41, UW - Milwaukee Improvement Contingent, Instr Sal & Wages \$2,500	1-41, UW - Milwaukee G. U. S., Photo Lab, Gen Admin Sal & Wages \$ 350 Sup & Exp 650 Military Science, Instr Sal & Wages 1,500	2,500	12-4-64
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Purpose: To provide operating funds for the Photo Lab and additional help for the Department of Military Science

1-41, School of Education Sal & Wages, Res	1-41, School of Education Capital, Res	10,000	12-4-64
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Purpose: To provide funds for furnishing the Research and Development Center

1-41, Gen Educ Admin International Studies Sup & Exp, Gen Admin	1-41, Gen Educ Admin International Studies Sal & Wages, Gen Admin	5,500	12-7-64
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Purpose: To provide funds for a project assistant in the African Area Studies program and part time help in other areas

President's Unassigned Balance \$44,551

REPORT OF THE EXECUTIVE COMMITTEE

to the

BOARD OF REGENTS

December 11, 1964

The following resolutions have been adopted by the Executive Committee since the November 13, 1964, meeting of the Board, and are presented for the record as official actions of the Executive Committee:

1. That, subject to the approval of the Governor and the State Director of Engineering, the contract for installation of a Steam Interconnection with the Boiler Plant on the former Milwaukee Downer Campus - University of Wisconsin - Milwaukee (Project No. 6408-14) be awarded to the low bidder, Downey Heating Company, Milwaukee, on the basis of the base bid in the amount of \$15,375; that any Vice President or Assistant Vice President of the University be authorized to sign the contract; and that the following schedule of costs be approved:

Total Contract	\$15,375
Bureau of Engineering, including supervision	1,100
Contingencies	<u>1,025</u>
Total	\$17,500

Chargeable - Allotment by State Building Commission - 8/17/64 -
Release No. 1506.

(Mail vote initiated November 24, 1964)

2. That, subject to the approval of the Governor and the State Director of Engineering, contracts for alterations in the Home Economics Building on the Madison Campus of the University (Project No. 6405-12) be awarded to the low qualified bidder in each division of the work on the basis of the base bids as follows; that any Vice President or Assistant Vice President of the University be authorized to sign the contracts; and that the following schedule of costs be approved:

General Construction		
Gilbert Builders, Inc.		
Madison, Wisconsin	Base Bid No. 1	\$15,097
Plumbing		
Pharo Heating Co., Inc.		
Madison, Wisconsin	Base Bid No. 2	15,334
Heating		
Kilgust Heating, Inc.		
Madison, Wisconsin	Base Bid No. 3	29,900
Electrical		
Capital Electric Co.		
Madison, Wisconsin	Base Bid No. 4	7,836
Laboratory Equipment		
Kewaunee Technical Furniture Co., Statesville, N. C.	Base Bid No. 5	30,000

2. (Home Econ. Remodelling Contd.)

Schedule of Costs

Stage I

Total Construction Contracts, including Fixed Equipment	\$98,167
Architect's Fees	7,800
Bureau of Engineering, including supervision	2,600
Contingencies	<u>6,433</u>

Total Stage I	\$115,000
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Allowance for Stage II

	<u>115,000</u>
Total Schedule	\$230,000

Source of Funds:

Allotments by State Building Commission

May 20, 1964 - Release No. 1469	\$102,000
Oct. 12, 1964 - Release No. 1534	<u>128,000</u>

Total Funds Available	\$230,000.
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(Mail vote initiated November 24, 1964)