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

University of Wisconsin - Milwaukee
Kenwood Campus

Held in the Main Conference Room, Chapman Hall

Friday, February 4, 1966, 9:03 A. M.

Vice President Gelatt Presiding

PRESENT: Regents Gelatt, Nellen, Pasch, Rohde, Steiger, and Werner.
Regent Rothwell entered the meeting at 9:08 A. M.

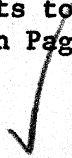
ABSENT: Regents DeBardeleben, Friedrich, and Greenquist.

Upon motion by Regent Steiger, seconded by Regent Pasch, it was
VOTED That the minutes of the regular meeting of the Board held on
December 10, 1965, be approved as sent out to the Regents.

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REPORTS AND RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

President Harrington presented the list of Gifts, Grants, and U.S. Government Contracts (EXHIBIT A attached). Referring to Page 29 of EXHIBIT A, he called attention to the substantial increase in the total reported for this month as compared to the comparable period a year ago, and also to the substantial increase to date this year as compared to the previous year. He noted substantial changes in the sources of federal grants, particularly the increase in grants from the Department of Health, Education and Welfare. Regarding grants for the continuation of government student loan programs, he noted that the Federal government may shift from a program of direct loans to students to a program of guaranteeing loans from private sources. Referring to Item 38 on Page 10 of EXHIBIT A attached, a grant



from the Department of Health, Education and Welfare for the operation of the 1966 spring College Work-Study Program, he reported that this was important to the University of Wisconsin; and that the University of Wisconsin had the largest College Work-Study Program in the country.

President Harrington called attention to the contract funds being received from the National Aeronautics and Space Administration (beginning on Page 19 of EXHIBIT A, attached); and reported that this federal agency was beginning to figure heavily in our research program.

Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That the gifts and grants listed in Exhibit A be accepted and the appropriate officers of the University be authorized to sign the agreements; and that the Federal contracts listed therein be approved, ratified and confirmed.

President Harrington presented recommendations for the acceptance of four bequests. The Secretary reported that the bequest by the late Hans V. Kaltenborn amounted to \$5,000 to be added to the principal of the Kaltenborn Scholarship Fund, from which the income is to be used to provide an annual scholarship to assist deserving students of junior standing or above in the pursuit of education and training in some phase of radio broadcasting, with particular emphasis, whenever possible, on training for the presentation of news and news analysis. He explained that gifts previously accepted from Mr. Kaltenborn and others for this fund have totaled \$22,000. The Secretary reported that the bequest by the late Charles S. Pearce amounted to \$5,000; and that the bequest by the late Frank M. McCullough, amounted to \$4,000. He reported that the amount of the bequest by the late Jane M. Goddard had not been determined, but that it consisted of the residue of her estate remaining upon termination of a life estate in such residue. President Harrington also reported that the late Hans V. Kaltenborn had previously given his papers to the Wisconsin State Historical Society, which were the base for a very large Mass Communications Center there. He also noted that although the bequest from the late Charles S. Pearce was not large, it was nevertheless a very desirable bequest since it was unrestricted. He indicated that a recommendation would be presented at a later meeting as to the use to be made of this bequest, perhaps for awards for excellence in scholarship.

Regent Rothwell moved approval of the following recommendations for the acceptance of bequests, the motion was seconded by Regent Nellen, and it was voted:

1. That the bequest by the late Hans V. Kaltenborn, New York City, to the University of Wisconsin to be added to the principal of the Kaltenborn Scholarship Fund be accepted by The Regents of the University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Hans V. Kaltenborn, Deceased; and that the Secretary be authorized to sign a receipt on behalf of The Regents of the University of Wisconsin for this bequest.

2. That the bequest by the late Charles S. Pearce, Chicago, Illinois, to the University of Wisconsin for "its general or corporate purposes" be accepted by The Regents of the University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Charles S. Pearce, Deceased; and that the Secretary be authorized to sign a receipt on behalf of The Regents of the University of Wisconsin for this bequest.
3. That the bequest by the late Frank M. McCullough, Allegheny County, Pennsylvania, to the Horticultural Department of the College of Agriculture, University of Wisconsin, to be used for research in the fruit industry in Door County, Wisconsin, be accepted by The Regents of the University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Frank M. McCullough, Deceased; and that the Secretary be authorized to sign a receipt on behalf of The Regents of the University of Wisconsin for this bequest.
4. That the bequest by the late Jane M. Goddard, Muscatine, Iowa, to the University of Wisconsin, to be used as a scholarship fund, be accepted by The Regents of the University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Jane M. Goddard, Deceased; and that the Secretary or Assistant Secretary be authorized to sign receipts on behalf of The Regents of the University of Wisconsin for this bequest and to do all things necessary to effect the transfer of this bequest to the University of Wisconsin.

President Harrington presented the recommendations covering the Report of Personnel Actions by the President of the University and the Report of Non-Personnel Actions by Administrative Officers and of Informational Items.

Regent Werner moved approval of the following recommendations of the President of the University, the motion was seconded by Regent Rohde, and it was voted:

1. 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 faculty personnel with rank less than that of Associate Professor and other non-classified civil service personnel with annual salaries of \$12,500 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.
2. That the Report of Non-Personnel Actions By Administrative Officers And Of Informational Items To The Board of Regents (Exhibit B, attached) be received for the record; and that actions included in the report be approved, ratified, and confirmed.

President Harrington presented the following proposed recommendation, for consideration by the Regents, relating to the establishment of a School of Architecture at the University of Wisconsin - Milwaukee and authorizing the granting of degrees:

That, subject to approval by the Coordinating Committee for Higher Education and to authorization by the Wisconsin Legislature, a School of Architecture at the University of Wisconsin - Milwaukee be established, effective July 1, 1966; and that approval be given to the granting at the University of Wisconsin - Milwaukee, of a Bachelor's degree in Architectural Studies, upon completion of a four year program, and of a Master's degree in Architecture, upon completion of an additional two year program.

Copies were distributed of a "Proposal to Establish a School of Architecture at the University of Wisconsin - Milwaukee" (EXHIBIT C attached); and President Harrington read the first page of the proposal. President Harrington recalled that the Statement of 25 Points approved by the Regents in February 1963, regarding the development of University of Wisconsin - Milwaukee had contained a point that the University of Wisconsin - Milwaukee would be considered as a location for a School of Architecture, if such a school were to be established at the University of Wisconsin. He recalled that, at that time, there were some advantages and disadvantages of establishing such a school at UW-M. Among these were the fact that an engineering background was essential; and another was that UW-M was then weak in other related facilities, such as Art History and Criticism. He also noted that, at that time the University was just beginning to be in touch with the architects of the State regarding the possibility of establishing such a school. Since that time, he explained, situations have developed making it more desirable to have a School of Architecture in Wisconsin. He noted that the State of Illinois was reluctant to accept the necessary number of Wisconsin Students in Architectural Schools in that state; and that such students from Wisconsin would tend to locate outside the State of Wisconsin upon graduation. He recalled that the University of Wisconsin was able to move forward in this field by developing the advanced work in Environmental Design at Madison. He explained that it was still likely that the program in Madison would offer some undergraduate work, but that the Madison campus is already crowded, and that Milwaukee, being an urban area, is a suitable location for a School of Architecture. He reported that there had been many discussions and much misunderstanding along the way in developing this program. He recalled that the Coordinating Committee for Higher Education had previously been informed that the University was planning to develop a program in Architecture. He explained that the present proposal included the granting of a Bachelor's degree and a Master's degree in Architecture, both at Milwaukee. He anticipated that this program also could be strengthened by members of the staff from the Madison campus. He stated that this program would train people in many related fields. President Harrington again read the proposed recommendation; and noted that, under the Statutes, the Coordinating Committee for Higher Education must approve new programs, such as this one. He explained that it would be desirable to have this proposed program go through the Coordinating Committee study channel before building the budget for the 1967-69 biennium.

Regent Werner inquired whether this program involved a total of six years on the Milwaukee campus; and President Harrington replied in the affirmative. Referring to a letter from former State Architect Yasko, Regent Werner inquired whether this proposal met with Mr. Yasko's approval; and President Harrington replied in the affirmative.

President Harrington explained that, since this program would be for training professional architects, it was desirable to have all the work centralized in one location. However, he noted, that some students might go to Madison for some special courses.

Regent Steiger moved approval of the above recommendation, the motion was seconded by Regent Rothwell, and it was voted. Regent Steiger stated that he was very happy to move the approval of this recommendation, because he had felt for a long time that this was a program that was needed in Wisconsin. President Harrington acknowledged that the Regents had been ahead of the University administration in advocating the establishment of such a program.

Information was not available to answer Regent Rothwell's question as to how many Wisconsin students were now going out of the state to study architecture. Regent Rothwell also inquired whether the Wisconsin Institute of Architects approved this program. Vice President Clodius reported that the Educational Committee of the Wisconsin Chapter of the American Institute of Architects had unanimously approved this proposal. He expressed the opinion that this was a better program than the traditional program in architecture. He noted the possibility of also having undergraduate programs in architecture in the Wisconsin State Universities, which would make for a favorable program.

Regent Gelatt inquired whether this proposal meant that there would be no students in the program until 1967. Vice President Clodius replied in the negative, indicating that students could start in the undergraduate program in September of 1966.

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

President Harrington stated that he would like to talk about campus planning, noting that there had recently been a great deal of discussion of this subject in the Coordinating Committee for Higher Education and the State Building Commission. He indicated that he would speak largely of the Milwaukee situation and then to some extent of the Madison campus and the University Centers. He pointed out that his statement was primarily to bring up to date the position of the University in this matter as the result of decisions that have been made by this Board. He explained that the reason for this statement was that there had been some misunderstanding regarding the position of the University with respect to campus planning. In his statement, President Harrington referred to a model of the University of Wisconsin - Milwaukee campus and to an aerial photograph which included the UW-M campus. Following is a summary of the principal points made by President Harrington in his statement:

In 1956, when UW-M was established, we had only a very small piece of property, a little more than thirty acres. We did not then appreciate the growth potential of UW-M, but we felt it was going to grow, and it was our understanding that we would need a great deal more of land. The main question with which the Regents were concerned at that time was whether we should remain here, where we had only a very limited campus, or whether we should go out of Milwaukee to the southwest side of the City where substantial space was then available. There was

a division on the Board and inside the administration on that question, and even now, looking back on it, people still would be divided on that question. The decision was that we would stay here (on the Kenwood Campus), one of the reasons being that someday the Milwaukee Downer College property would become available. The decision to stay worked out well on that basis. First we were able to acquire the Milwaukee Downer Seminary property of about eight acres, then the Milwaukee University School property, and finally, in 1964, the Milwaukee Downer College property, to give us what we now have and refer to as the "L" shaped campus of almost 100 acres.

When the Regents acquired the Milwaukee Downer College property, we discussed what it actually meant and what it would be used for, indicating, at that time, that some additional property would have to be acquired to fill out the "L" shaped area, consisting of the Hartford School property and some private properties adjacent to the Milwaukee University School property. We indicated that we wanted first to fill out the "L" shaped campus by acquiring those properties as they became available; and we have not condemned property even in that "L" shaped area. The State Building Commission, the State Legislature, and the Regents Committee on Acquisition of Land in Milwaukee, headed by Regent Werner, all did very well in accomplishing these property acquisitions. The decision was that the "L" shaped campus would handle 25,000 students, twice what we have now, and it was estimated that we should reach an enrollment of 25,000 students around 1973-74. In other words, when we acquired the Milwaukee Downer College property, it was thought that the "L" shaped campus would do for ten years of expansion. At that time we so stated, with some exceptions, which have not always been well understood.

In addition to handling 25,000 students, we did say that we could accommodate some dormitories on the "L" shaped campus. We have since changed our minds somewhat regarding the dormitories. Originally, the Regents felt that about 5% of the total enrollment at UW-M should be housed in University dormitories. Now the Regents and administration feel that 20% would be a good figure, which is well below the 40% to 50% of students housed in University dormitories at Madison and at the State Universities. The figure of 20% housed in University dormitories is a satisfactory one for an urban University. It was felt that the "L" shaped campus would take care of this and a substantial amount of parking and athletic activity for a time. We have developed some parking lots in this area and some space for athletic activities. As we come closer to the 25,000 enrollment figure, we will have to move buildings into the areas where we now have parking and athletic facilities. We have already encroached on the athletic area with our building program. We are developing a plan to include parking facilities in the buildings as we build them on the UW-M campus. We have also said right along that we would have to locate a heating plant off the "L" shaped campus.

I go to some pains to state and restate this position, because it is sometimes said that the Board of Regents or the administration, after asking for something on a certain basis, then changes its mind and wants something more. We have not said we would not have to move off the "L" shaped campus when we pass the 25,000 enrollment figure. Any talk about taking over additional property is after we reach an enrollment of 25,000 students. This is something that should be remembered.

There is also a downtown campus of UW-M in Milwaukee and it was decided by the Regents and the administration to keep the downtown location, since, with development of our research programs and extension programs, like the Peace Corps,

we definitely have a need for this downtown property. In addition, we have also acquired some property outside of the City, such as the UW-M Arboretum.

In 1960, the Regents adopted a detailed plan, known as the "Jakobson Plan", which did not mention the Milwaukee Downer College property and which did refer to the necessity for further acquisitions of land if we went to an enrollment figure higher than 10,000 to 15,000 students. It also had a statement that we should consider the question of University dormitories.

Every five years one should look over one's plans. In 1965 the Regents saw and approved in principle, the revised UW-M Plan, which was really the 1960 Plan, brought up to date, and which was to say that we could go to an enrollment of 25,000 students on the "L" shaped campus except for heating plant, parking, and athletics. This remains the situation now. If there are any changes, they will be due to the establishment of new schools which would require land in addition to that in the "L" shaped area. The School of Architecture can be accommodated on the "L" shaped area. A school of medicine in Milwaukee could not be taken care of on the "L" shaped area, and, since the feasibility study regarding need for a medical school is not ready, we are postponing that particular problem.

This brings us to the question of what to do after reaching an enrollment of 25,000 students in 1974. This is not the problem of land for a heating plant. This is a question which the Regents have discussed and on which the Regents have a position, which is that we will go beyond the 25,000 enrollment figure at UW-M to an enrollment of 40,000 students by going west and southwest towards the river. This is what happens after we get to 25,000 students. The plan to accommodate 25,000 students (the 1965 Plan) has been approved by the Coordinating Committee for Higher Education and by the State Building Commission.

Our position is that we can go beyond 25,000 students on a single campus by going towards the river, but this does not mean that we have to acquire property west and southwest of the river at this time. If a five year planning period is required, we would not start acquiring property west and southwest towards the river until 1970. We will not be condemning property now. The position of the University is not to condemn when it is possible to acquire property without condemning. We do not need to acquire land at all at present.

One could still change one's mind about what happens after the 25,000 enrollment is reached. This Board of Regents, or its successor, could decide to limit the enrollment to 25,000 students in this area and to develop another campus somewhere else in Milwaukee, or the Regents could decide to slow down the growth of UW-M with the result that the 25,000 enrollment would not be reached until sometime later.

The purpose of this statement is to assure the people in the area west and southwest of the present campus that we are not looking for property now. The view of the Regents is that perhaps it would be well for the University to acquire property as it becomes available. This would require approval of the State Building Commission.

Now a new statement appears, which is that it now appears that it will be a little longer for us to reach the 25,000 enrollment we estimated at one point.

At one time we thought the 25,000 enrollment might be reached as early as 1973-74. It is our present view that it will be 1975 at least before we get to the 25,000 figure, and we are not going to need property west and southwest as early as we had thought, at least not until 1970. We modify our position with reference to enrollment growth at UW-M because we moved forward with the building of the Waukesha and West Bend Centers more rapidly than we had imagined possible and because of the Kenosha-Racine southeast campus. This leaves open the question of acquiring land as it becomes available (west and southwest of the UW-M campus), which is something that will have to be explored with the State Building Commission. This is part of what we will present to the Coordinating Committee, and, if necessary, to the State Building Commission.

At the same time and in the same way, we have been considering the development of the Madison campus, but on a somewhat more tentative basis. It is the opinion of the University administration and the Madison faculty that we can handle 40,000 students on the central campus in the area bounded by Lake Mendota and Regent Street and by North Lake Street and the Picnic Point area. The central Madison campus is larger than the Milwaukee campus and is large enough to accommodate 40,000 students, a substantial amount of dormitories, and most, but not all, of the University research activities, and also the state headquarters for the University Center System and University Extension. Again, as in Milwaukee, we must decide what we are going to do after we reach the estimated enrollment. In Milwaukee, we should decide by 1970 what we are going to do in 1975. In Madison we have to decide right away because we will reach the 40,000 enrollment in 1971-72, in spite of deceleration. We are holding down the growth by limiting out-of-state students and slowing enrollment growth, particularly in the graduate school. If we should plan five years ahead, we are right on top of the question, with respect to Madison, as to what to do when the 40,000 enrollment is reached. Some say to stop at an enrollment of 40,000 at Madison, but our strength is such at Madison, because of its traditions and strengths in research and extension, that we would not want to stop. This means that we would need to develop a second campus at Madison, perhaps on the Charmany-Rieder Farms. The administration now feels that we should continue to grow beyond 40,000 students at Madison in an area separate from the main central campus. This is a question that has certain aspects that have not yet been answered, either by the Regents, the administration, or the faculty.

Regarding the University Centers, we will have eleven Centers this fall and thirteen in another two years. We are adding Waukesha and Janesville this fall, and Baraboo and West Bend in a couple of years. Some of the students that would otherwise go to Madison and Milwaukee will be absorbed by the new Center campuses. Some of the Center campuses will increase in enrollment as high as 750 to 1250 by the mid 70's. We do not have problems of space at the Centers needed to meet such increased enrollments, except at Menasha, where we have limited acreage, and at the Racine Center, but we do have problems of needing additional buildings or additions to our present buildings at the Centers, if we are going to accommodate the growth of enrollment.

President Harrington concluded his statement on campus planning by stating that this was merely a review of what the Regents had had before, with a minimum of new material, but which serves to state that we have been planning and that we have plans to submit to the Coordinating Committee for Higher Education and to the State Building Commission, which wants to know what limitations we are

placing on enrollment at the University. President Harrington indicated that changes in academic standards for admission were not included in this statement, and could be a subject for future discussion. He inquired whether the Regents had any questions.

Regent Werner expressed the opinion that this would be considered a key statement by the President of the University and would be referred to many times. He expressed the opinion that the record should include reference to the statement previously made, when the Regents discussed the Milwaukee campus development, which was that while we expressed the view that we would expand towards the river, there was also a statement to the effect that we would not be precluded from expanding in some other direction if property became available. Chancellor Klotsche noted that it has been our position from the very beginning that property on the lake front could be acquired by the Regents. He pointed out that such properties have been accepted as gifts and are being used for University purposes; and that it had been agreed that we would accept additional gifts of such property to be used for University purposes.

Regent Rothwell inquired whether the enrollment projections were being reexamined. President Harrington indicated that we are now dealing with University estimates rather than Coordinating Committee estimates. He reported that the Coordinating Committee staff believes that the UW-M growth will be somewhat slower than we previously thought because of the Waukesha and West Bend University Centers and the development of the third and fourth year institution in the Racine-Kenosha area. He stated that the University differs somewhat with the Coordinating Committee staff on this point. He expressed the opinion that the Waukesha and West Bend Centers will bring in some students who would not otherwise go on to college, which will result in additional increases in junior and senior year enrollments at UW-M. He admitted that those Centers might cut a little off the enrollment at Madison, Whitewater and Oshkosh, but that it would take several years. He pointed out, if there were more students going into the freshman and sophomore work, there will be more continuing as juniors and seniors. President Harrington noted that the Coordinating Committee staff was of the opinion that the enrollment at Milwaukee would not reach 25,000 sooner than 1977, but that the University believes that a safer date would be 1975. Also, he pointed out that a full course in engineering might bring in an increase in enrollment beyond that anticipated. He indicated that another factor of uncertainty was the Vietnamese War. He believed that, if the draft of college students increases, the growth of enrollment will be slowed down, but that later there would be a marked upturn because of the probability of a new GI Bill of Rights, which would result in more veterans entering college. Regent Rothwell made reference to recent statistics relating to the drop in the birth rate in Wisconsin. President Harrington suggested that we might be moving to a plateau of about 40,000 students for UW-M.

Regent Gelatt inquired as to whether, in approaching 1970, the decision would be as to whether to expand UW-M here or on a separate campus. He also inquired whether reaching a decision as to whether or not to establish a separate campus in Milwaukee would depend upon the results of establishing a second campus at Madison. President Harrington indicated that the date of 1970 would occur too soon to result in the establishment of a second campus at Madison being helpful in deciding the Milwaukee question. Moreover, President Harrington pointed out that the Madison situation would not be very useful, because Madison is a residential campus and Milwaukee is an urban campus. He suggested that some help might be obtained by determining what has happened in some other states.

Regent Nellen stated that he certainly admired President Harrington's patience, because, since he had served on this Board in the past year, on four occasions, it has been necessary to make a full and complete report on this subject. He suggested that, if the interested and disinterested parties would listen, it would not be necessary to go over the same old subject again with no variation.

Copies were distributed to the Regents of a "Report and Recommendation to the Regents of the University of Wisconsin on President Johnson's 1967 Fiscal Year Budget Proposals", dated January 31, 1966, (EXHIBIT D attached). President Harrington stated that this document was distributed for the information of the Regents and for the record. He reported that he was pleased with the increases recommended by President Johnson that affect the University. However, he pointed out that the University was hit very hard by the three recommended decreases, especially in the field of agriculture. He reviewed what these budget reductions would mean, as further set out in EXHIBIT D attached. President Harrington invited the Regents to support the recommendations of the University administration as set forth in EXHIBIT D, attached, and to suggest to the Wisconsin delegation in Washington the desirability of restoring these cuts. President Harrington expressed the opinion that the farm organizations, for which Regent Rohde could speak, had already been alerted to some of the importance of these proposed budget cuts. Regent Rohde asked Dean Pound to further explain the proposed budget changes. Copies were distributed to the Regents of a memo from Dean Pound on the subject "Proposed Cut in Federal Funds for the College of Agriculture", (EXHIBIT E attached). Dean Pound explained that the budget reductions amounted to about \$400,000 in instruction and research. He noted that the research projects which are provided partial support from these funds involve 134 graduate research assistants and 99 professors. He explained that these budget reductions would result in the elimination of two important research programs, one in corn diseases, and the other in respiratory diseases of turkeys. He explained that the large dairy industry and large swine industry in Wisconsin, which are largely dependent on corn, would be materially affected by the elimination of research in corn diseases. He noted that Wisconsin is the number two state in turkey production. He explained that the proposed cuts in these federal funds were just as severe as cuts in state research funds, because they are used in the same way. Regent Rohde inquired how it was proposed to explain this problem to the people concerned. Dean Pound explained that they would be supplied with factual material; and he suggested that the Regents and farm organizations join the University administration in requesting restoration of the proposed budget cuts.

Regent Rothwell suggested that there had been previous cuts in such appropriations, but President Harrington indicated that none of them were as harmful as this time. Dean Pound pointed out that basic research in food production has to come out of the American system if the people of the world are to be helped.

President Harrington referred to the recommendations on pages 3 and 4 of EXHIBIT D attached. President Harrington proposed, in addition, that the Legislative Committee of the Land Grant College Association would be present at

the hearings covering the proposed budget reductions. He also stated that, in Wisconsin, we can have substantial influence with the Wisconsin delegation in Congress. He pointed out that these budget proposals would have to come through two committees.

There was discussion of preparation of federal budgets, and the difficulty of individual federal departments objecting to budget recommendations of the President. Dean Pound reported that representatives of the Department of Agriculture had indicated that they would welcome help in obtaining the restoration of these budget cuts.

Regent Rothwell noted that higher education is becoming more and more dependent on support by the federal government; and he raised the question whether this type of reduction might also occur in other fields. President Harrington agreed that this was the heart of the problem in the present case. He emphasized the necessity of keeping the decisions as to the use of such funds at the local level.

Referring to the recommendations in EXHIBIT D, attached, Regent Rohde pointed out that there are other areas of agriculture which have been cut very deeply; and he stated that he felt that, if they were going to be concerned about it at the Regent level, it would be very helpful to encourage other spokesmen to give the support of their local agricultural organizations as well as alerting our congressional delegation. President Harrington inquired of Regent Rohde whether he would like to add such a third point to the proposed recommendations. Regent Rohde moved the adoption of the recommendations contained on page 3 and 4 of EXHIBIT D, attached, with the addition of a third point to read: "3. Contact interested organizations inside and outside of Wisconsin for cooperation in this effort." The motion was seconded by Regent Pasch, and it was voted.

President Harrington noted that the U.S. Department of Agriculture was rather severely cut in the proposed budget. He was of the opinion that an increase in the Department of Agriculture budget was probably indicated. Noting that, on the other hand, the Department of Health, Education and Welfare was treated very well in the budget, he suggested that there might be a shift in Health, Education and Welfare funds to provide restoration of the Land Grant College appropriation cuts.

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Copies were distributed to the Regents of Proposed Agency Requests For State Building Commission Action on construction projects on the Madison campus.

Chancellor Fleming presented the following recommendation:

That authority be granted for the preparation of preliminary plans and specifications for the Madison Educational Science Building Unit I.

Chancellor Fleming expressed the opinion that the School of Education is one of the fastest growing schools, particularly on the graduate level. He pointed out that the main part of the School of Education was presently housed in the old

building across from the Law School Building. He stated that the proposed building was a building which was one of our very greatest needs.

Regent Rothwell stated that he would like to have the privilege of moving the approval of the above recommendation. He so moved, the motion was seconded by Regent Werner, and it was voted.

Chancellor Fleming presented the following recommendation:

That authority be granted for the preparation of preliminary plans and specifications for the Madison Letters and Science - Zoology Building and a Pedestrian Overpass across West Johnson Street and North Mills Street.

Chancellor Fleming called attention to the fact that this recommendation involved an overpass over West Johnson Street and North Mills Street, which would be the first of a number of such overpasses to be proposed south of University Avenue, which are very seriously needed because of traffic problems. Regent Werner inquired whether there was any question of obtaining authorization from the City of Madison for such overpasses; and Chancellor Fleming reported that he did not expect any difficulty in this regard, since this had been discussed with the Traffic Engineer of Madison and there appeared to be no objection on the part of the city.

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

Chancellor Fleming presented the following recommendation:

That authority be granted for the preparation of preliminary plans and specifications for the Madison Earth and Space Science Building.

University Architect Sites presented concept drawings for this project. On a map, he showed the location as being at the southeast corner of West Dayton Street and North Orchard Street. He showed a plot plan, which, in addition to the proposed structure, included the location of a proposed future second stage and also of another future structure to be used for Geology. He reported that the proposed building would be 15 stories in height, and would provide facilities for Earth and Space Science and for Meteorology. He showed floor plan concepts and explained the use to be made of the facilities by various departments, indicating that the roof would be utilized for Meteorology. He reported the estimated cost at \$4,361,000, consisting of \$1,265,000 from the National Science Foundation, \$1,750,000 from the National Aeronautics and Space Administration, and \$1,356,000 from State funds. He estimated the project would be completed in the fall of 1968.

Regent Pasch moved approval of the above recommendation, and the motion was seconded by Regent Nellen.

Regent Steiger inquired whether there would be any parking in connection with this project. Architect Sites explained that plans were being considered for the development of ramp parking in that general area.

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

Chancellor Fleming asked University Architect Sites to present concept drawings of the Madison Engineering Research Building for the purpose of acquainting the Regents with the present stage of planning. Mr. Sites showed a model of the proposed high rise structure to be located in the Engineering College area. He explained that, as presented, it consisted of 13 stories, which might develop into 10 or 13 stories, depending on whether or not an Instrumentation Laboratory is included. He showed floor plan concepts, and described the use to be made of the facilities. He estimated the project would be completed in August of 1968.

Regent Werner moved approval of the following recommendation, the motion was seconded by Regent Steiger, and it was voted:

That the concept drawings for the Madison Engineering Research Building be approved.

Architect Sites showed concept drawings for the Trout Lake Biological Laboratory. He showed elevation drawings and a floor plan concept; and pointed out the location on a map. He noted that this location had been acquired by the University from the State Conservation Commission, and was located at the south end of Trout Lake. He reported that Vilas County would put in the necessary access roads. The proposed project would consist of a frame two-story building and would include a well and septic system. He reported this project, including the \$25,000 for land purchase, would amount to \$125,000, of which \$50,000 would come from the National Science Foundation and \$75,000 from the State. Vice President Clodius noted that this project would provide facilities for programs which would bring to bear the resources of the University on one of the very serious problems of the northern part of Wisconsin. He explained that it would help encourage the tourist industry by improving fishing. He reported that the program would involve cooperation between several departments and campuses of the University, noting that the director of the program is a faculty member at the Marathon County Center at Wausau.

Regent Steiger moved approval of the concept for the Trout Lake Biological Laboratory, and the motion was seconded by Regent Pasch.

Architect Sites expressed the desire to proceed with the project. The Secretary suggested that the appropriate action should include authority for the completion of plans and specifications and for the advertising for bids. Regents Steiger and Pasch agreed to amend the motion to read as follows, and it was voted:

That the concept drawings for the Trout Lake Biological Laboratory be approved; and that authority be granted for the completion of the plans and specifications and for the advertising for bids.

Chancellor Fleming presented the following recommendation:

That authority be granted for the preparation of plans and specifications and for advertising for bids for the construction of a Temporary Pedestrian Overpass over North Park Street immediately north of Langdon Street at an estimated cost of \$26,500, chargeable to the State Building Trust Fund allotment for Repairs, Remodeling, and Minor Construction; and that authority be granted to negotiate a lease between the City of Madison and The Regents of the University of Wisconsin to permit the construction of said overpass.

Chancellor Fleming reported that this project was important because of the desire to learn how to get students to use such overpasses. He stated that it was expected to complete this temporary overpass by the end of the summer; and noted that it would provide experience for future permanent pedestrian overpasses. Architect Sites showed the proposed location on a map, and showed a drawing of elevations and overhead views of the proposed overpass.

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

Chancellor Fleming presented the following recommendation:

That authority be granted for the preparation of plans and specifications and for advertising for bids for the construction of sanitary sewer facilities to service the Eagle Heights area, the area east of Lake Mendota Drive, the area bounded by University Bay Drive, Willow Drive, Walnut Street, the Veterans Administration Hospital, and the Forest Products Laboratory, at an estimated cost of \$254,300, of which the City of Madison will pay \$25,000, with the remaining costs charged \$60,000 to the Division of Residence Halls and \$169,300 to the State Building Trust Fund allotment for Repairs, Remodeling, and Minor Construction, and with the understanding that this approval is subject to agreement by the City of Madison to pay for an appropriate share of the cost of operating and maintaining the pumping station to be constructed as a part of this project, in return for authority to connect a sanitary sewer line to serve the Commodore Apartments, to the northwest corner of the University sanitary sewer line serving the Eagle Heights Married Student Apartments area; and that the easement granted by the Regents on October 22, 1965, to the City of Madison for a sewer line to serve the Commodore Apartments, be rescinded.

Chancellor Fleming recalled that the Regents had previously authorized preparation of plans for an additional 300 married student apartments in the Eagle Heights area; and that they also previously approved a proposal which would involve hooking those apartments up to a proposed sanitary sewer line to be also hooked up to the Commodore Apartments. Architect Sites showed on a map the

location of that sanitary sewer arrangement previously approved by the Regents and located along the westerly edge of the Eagle Heights Apartment area. Chancellor Fleming explained that the Bureau of Engineering had subsequently proposed an alternate sewer development to serve the Eagle Heights area as well as the proposed future Medical Center north of the Veterans Administration Hospital. Architect Sites showed on a map the area of the future Medical Center as well as the area at the base of Picnic Point, where he suggested some facilities might be built in the future. He pointed out on a map the proposed new sewer system which would serve the immediate sewer problems in the Eagle Heights area and would also provide the sewer facilities for future developments, including the Medical Center. Chancellor Fleming reported that this sewer project could be financed in this biennium on the basis of the figures shown in the above recommendation. He stated that, although the cost is greater than the previously approved proposal, the benefits would be much greater, and in any event it would have to be constructed at some future time, if not at present.

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

Vice President Gelatt appointed Regent Steiger to serve as chairman pro tem of the Business and Finance Committee in the absence of Regent Greenquist.

Chancellor Klotsche announced that there would be an inspection of the Physics and Engineering Building at 1:00 o'clock.

Regent Werner, Chairman of the Special Regent Committee on Acquisition of Land in Milwaukee, suggested that the closed session of that committee be deferred until after the adjournment of the Board meeting; and he invited all members of the Board to attend such meeting of that committee.

(The meeting recessed at 11:15 A.M. for committee meetings, to be reconvened at 1:45 P.M.)

The meeting reconvened at 1:45 P.M., with Vice President Gelatt presiding

PRESENT: Regents Gelatt, Nellen, Pasch, Rohde, Rothwell, Steiger and Werner. Regent DeBardleben entered the meeting at 2.27 P.M.

ABSENT: Regents Friedrich and Greenquist.

The meeting continued with further consideration of the Reports and Recommendations of the President of the University.

Vice President Clodius presented the following recommendation:

That the administration be authorized to grant scholarships, through the Student Financial Aids Offices for the various campuses and centers of the University, to undergraduate students in accordance with the authorization granted in Section 36.161(1), Wisconsin Statutes of 1965 (Chapter 463, Laws of 1965), beginning with the 1966-67 fiscal year, and to the extent that funds are provided therefor in approved budgets from time to time.

Vice President Clodius explained that the scholarships to be provided under this revision of the Wisconsin Statutes were referred to as leadership and need scholarships. He pointed out that this legislation, as was the previous legislation under this section of the statutes, was permissive, and that it would, therefore, require implementation by the Regents, delegating to the University administration authority for granting such scholarships through the Student Financial Aids Offices for the various campuses and Centers of the University.

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

Noting that the items in the federal budget proposals, which were of particular interest to the University of Wisconsin, had been discussed in the morning session of this meeting, President Harrington reported that there were some other items in the federal budget proposals that were of some interest to us. He reported that increases in research budgets of interest to the University were generally small. He explained that the University was likely to be squeezed with respect to appropriations for buildings. The moneys that would be available to the National Institutes of Health, he reported, were quite limited, with the result that the University will have difficulty in securing the federal money for buildings that it had hoped to receive. He reported that the federal budget proposals included several items which would provide opportunities for universities to work on projects which are of substantial interest to the University of Wisconsin, such as for working with individuals of low income, of which projects

the University has several under way, and such as the Teacher Corps Program, which, he reported, is actually patterned after our Teacher Internship Program in Wisconsin, to some extent.

President Harrington reported regarding current developments relating to Selective Service. He anticipated that, before this semester is over, Selective Service in Washington may work out proposals similar to those used at the time of the Korean conflict, which would be the basis for guidance of local Selective Service Boards. He explained that, if there is nothing done in this regard on the national level, each local Selective Service Board will work on an individual basis, which will result in considerable confusion. He recalled that, during the Korean conflict, a Selective Service formula was worked out which included tests and rank in class with reference to freshmen, sophomores, juniors, and seniors, which permitted students to remain in school if they did well. He anticipated that, if such a program is worked out, it will not be effective before next summer.

President Harrington referred to Coordinating Committee for Higher Education #3, 1966, Working Paper, January 1966, "NONRESIDENT UNDERGRADUATE ADMISSIONS IN PUBLIC HIGHER EDUCATION", which had been distributed to the Regents with the agenda for this meeting (copy filed with the papers of this meeting). He explained that that document has not yet been considered by the Coordinating Committee, but is a staff paper which recommends that there be a limitation on nonresident undergraduate students in the University of Wisconsin and in the State Universities. He explained that the limitations proposed in this document were to limit nonresident undergraduate students to 20% for the University system and for the State Universities system, and also to limit to 25% the number of out-of-state students admitted in the freshman class on any one campus in either system. He explained that this document would be discussed by the Coordinating Committee for Higher Education at its March meeting.

In addition to this working paper from the Coordinating Committee for Higher Education, President Harrington reported, this question of nonresident admissions had also been raised by the Wisconsin State Building Commission in papers prepared by Mr. Schrantz, the Secretary of the Commission. (Reference is to a memorandum dated January 14, 1966, from Roger L. Schrantz, Secretary, to members of the State Building Commission, on the subject of "Higher Education Policy and Procedure Topics", a copy of which is filed with the papers of this meeting.) President Harrington explained that that memorandum was a result of the State Building Commission having asked a number of questions on the subject and having requested Mr. Schrantz to review such questions and indicate possible solutions. President Harrington explained that that memorandum, with respect to nonresident admissions, contained such possible proposals as establishing nonresident student levels, of increasing nonresident tuition to the level of covering all of the costs, and providing for a balanced in and out migration

of students as between Wisconsin students and students from other states. He noted that the latter point was raised because of the question of whether the State of Illinois is sending a disproportionate number of students to school in Wisconsin. He reported that the State Building Commission also has gone on to the question of whether or not nonresident graduate students should be restricted at the University of Wisconsin. President Harrington indicated that the previously mentioned documents contain a great number of questions on this subject. He expected that, in a few weeks, the Coordinating Committee would be reporting to the State Building Commission regarding its study in the nonresident admission field. He suggested on the one hand that perhaps only the Coordinating Committee would be handling this question, and, on the other hand, that perhaps the State Building Commission would continue to explore it, and it might be discussed by various arms of the Legislature as well.

President Harrington stated that, at this point, he merely wanted to set forth the position of the University on this subject, which was contained in a "Report to The Regents of the University of Wisconsin on the Enrollment of Nonresident Students", dated February 3, 1966, copies of which he then had distributed to the Regents. (Copy attached as EXHIBIT F.) President Harrington suggested that no action on this subject was required at this time; and he reviewed the report, calling attention to the main points, indicating that it constituted a definition of our position, and indicated that we do have some restrictions on nonresident admissions.

President Harrington stated that he was pleased that the University of Wisconsin appealed to out-of-state students. He suggested that, if there was any inclination to further restrict nonresident enrollment, he would want to protect the foreign students, most of whom are graduate students, and would also like to have an exception made for children of our alumni. He emphasized that the present limitation on nonresident admissions was self-imposed on the Madison campus and limited nonresident students to one-third of the entering freshman class. He pointed out that the University requires nonresidents to have a higher standing in their high school class than students from Wisconsin, the nonresident students being limited to the top 40% of their high school classes. He suggested the possibility of moving this limitation up to the top third of the high school class for nonresidents.

President Harrington suggested that there were a number of approaches to limiting nonresident admission. One would be to charge the out-of-state students what it costs to educate them. He stated that, although he would not suggest at the present time that the Regents adopt any system-wide limitation on nonresident students, if there were such a limitation, he would hope that it would be a 25% limitation for the system, rather than a 20% limitation. He stated that, although we could stand a 20% limitation, he would hope that the University of Wisconsin - Milwaukee would attract a substantial number of out-of-state students.

Noting that there are different requirements for admission for undergraduate students, as between resident and nonresident students, Regent Gelatt stated that he assumed that the requirements were the same for both the resident and nonresident graduate students, although some people are of the opinion that resident students have more difficulty gaining admission to the Graduate School than nonresident students of equal academic rank. President Harrington answered that the admission requirements were the same in the Graduate School; and

emphasized that it is quite difficult to gain admission to our Graduate School. He pointed out that many students do not apply for admission to the Graduate School, because they know it is difficult to get in. He reported that, at present, 25% of the enrollment at Madison is in the Graduate School; that this is growing about one-half percent per year; and that, in about 10 years, the Graduate School enrollment will be about one-third of the total enrollment at Madison. He suggested that such a proportion of graduate to undergraduate students would perhaps be the maximum desirable. Regent Gelatt inquired as to whether there is the same rate of rejection of applicants to the Graduate School at the University of Wisconsin - Milwaukee. President Harrington indicated that there was not, noting that the graduate programs at UW-M are almost altogether at the Master's level, and noting that the difficulties were greatest at Madison in connection with admission to the Ph.D. programs. Regent Gelatt inquired as to whether there was any simple explanation regarding the difficulty of gaining admission to the Graduate School (at Madison). President Harrington explained that actually there is a double requirement for admission to the Graduate School. First, there is now a Graduate School requirement that requires a 2.75 grade point average in undergraduate subjects, which is a rather stiff average to begin with. In former years, he pointed out, a student could gain admission with a 2.5 to 2.7 grade point average. The second requirement, he explained, is the departmental requirement, which limits the number of graduate students admitted to the various graduate programs by the limitations of facilities and staff in each department for handling graduate students. A very distinguished department, he noted, may have ten times the number of applications for graduate student admissions that the department thinks it is able to handle. He expressed the opinion that this was unfortunate, but necessary in order to preserve the quality of graduate work which we have at Wisconsin. He explained that this was one of the reasons for opening doctoral programs at Milwaukee (UW-M), citing as an example the Ph.D. program in Mathematics there. President Harrington explained that there also is a third consideration, which is the willingness of the departments to accept students for terminal Master degree work. This limitation may result in accepting students going on for Ph.D. degree work, such as people who are going to be college teachers, rather than those who are going on to be high school teachers, he explained. This, he said, resulted in pressure for Master's programs at the State Universities.

Regent Nellen, stating that he did not propose to make a motion on the subject, expressed the opinion that, if there is to be a total nonresident quota for the whole University, there should be a quota for each separate institution. He suggested that a system-wide quota might not alleviate two situations; one being the large number of nonresident students going to the Madison campus and the very small number going to UW-M; and the other being the possibility of rather than 38% of the nonresident students being from Illinois, as high as 50% or 60% might be from Illinois, which would not seem to serve the purpose of having nonresident students. He pointed out that people from Illinois are from the same geographical area and economic status as people from Wisconsin, so that they do not actually serve the purpose of having nonresident students here. He suggested that, in order to help the situation at UW-M and the University Centers, a nonresident student quota should be established for each institution. President Harrington inquired of Regent Nellen whether he meant there should be a quota by state of origin; and Regent Nellen indicated that that was also a possibility. President Harrington emphasized that we now have only one limitation, which is that limiting entering nonresident freshmen to one-third of the freshman class at Madison, only. Regent Nellen noted that the Regents

of the State College system had recently declared a quota of 20% nonresident students, which, in his opinion, did not accomplish anything, because they now admit only about 11%.

President Harrington pointed out that he had not asked the Regents for specific action at this time. However, he suggested that there was time for such action by next month, and that, if the Regents wished to act on this matter, he would have the Admissions Committee work on this subject so that it could be considered by the Regents before the next meeting of the Coordinating Committee.

Regent Pasch, referring to reports on various ways and means that we might have to use, and some of which are now being used, in an effort to control admission of students to our Madison campus, and in directing them to the Milwaukee and Center campuses, inquired whether there was any relationship between the nonresident student figures that had been discussed and the figure of 40,000 students as a maximum enrollment on the Madison campus. If there was a relationship, he inquired how the balance between the resident and nonresident students would be maintained when the 40,000 figure was reached. President Harrington stated that he had not indicated that we should not have out-of-state students, since he believed that they are quite a good thing, but he pointed out that a state's obligation is primarily to its own students. He stated that we all probably feel there should be some limitation, and, although it had been thought that about one-third of nonresident student admissions as entering freshmen on the Madison campus was desirable, the opinions would vary. He stated that, if it were a choice between a severe limitation of nonresident admissions and a fee high enough to cover the cost of instructing them, he, personally, would prefer to see the cost to the nonresident student increased, rather than have limitations so severe as to restrict nonresident students below the level of their being of full value to the other students. He agreed that it would be better to have nonresident students from all over, rather than mainly from a few other states. He noted that, when the Madison campus reaches 40,000 students, we would be opening a second campus at Madison so that there would be continuing growth, and so that we could continue to take in-state and out-of-state students, to take care of all professional schools. He noted, however, that there are limitations, because of space, in the Medical School.

(President DeBardeleben entered the meeting at 2:27 P.M., but Vice President Gelatt continued as presiding officer for the balance of the meeting, at the suggestion of President DeBardeleben.)

Regent Rohde inquired whether the amounts of federal grants and the recruitment of personnel would be affected by the kind of institution we would run as the result of such limitations. President Harrington replied in the affirmative, noting that the Madison campus of the University of Wisconsin is a great campus of the University, and has a national reputation, which is, in part, associated with having out-of-state students. He pointed out that the University of Wisconsin - Milwaukee, having so few out-of-state students, and not, as yet, having a national reputation, could not as readily attract federal grants and personnel.

Vice President Clodius discussed the free market in the flow of students between states and a system of establishing quotas by states for the purpose of

admission of nonresident students. He explained the great difficulties of administering a system of quotas by states, and pointed out the possibility of invoking retaliation by other states. He pointed out that Wisconsin sends many students to Illinois, and, in the past, has made use of their School of Architecture and will continue to do so. He also explained the problems in connection with using a grade point average as a device for admissions, because girls get better grade point averages than boys. He emphasized that the farther you can stay away from quotas and restrictions, the less are the difficulties of administration.

President Harrington suggested that the Regents would not want to take any action at this time, because the material on the subject had just been given to them. He noted, as Regent Nellen had, that the State College Regents had taken action, on the previous day, establishing a limit of 20% of nonresident students for the system, which did not change anything, but merely raised their requirements. He stated that he believed that Regent Nellen desired the administration to look further into the question of what states students come from. Regent Nellen stated that all would agree that it is essential that every state university have out-of-state students, but he thought it was worth while to look into the possibility of a more equitable distribution between states. President Harrington stated that the administration would try to look into this aspect of the subject before the next meeting of the Regents. Regent Pasch inquired as to how far in advance of taking effect a policy on admission restrictions would have to be adopted. President Harrington explained that any change in policy should be put into effect a year later. He noted that the admission limit of nonresident students on the basis of one-third of the entering freshman class, at Madison, would ordinarily be reached by March or April. He emphasized that the administration was not now recommending a change, because it thought the system of a maximum of one-third nonresident freshman students at Madison was a better limitation than a system-wide limitation. Noting that the Coordinating Committee is suggesting a 25% nonresident student limitation on a system-wide basis, he expressed the hope that the Coordinating Committee would either not establish such a limitation, or would establish a higher one. He stated that, if the Regents wanted to change the present position, or move closer to the Coordinating Committee position, he would wish that the Regents would let the administration know.

President DeBardeleben expressed regret that he had not been present during the earlier part of the discussion on this subject. He suggested that it perhaps would be well for the Board, at this time, to indicate support of the position as expressed by the administration. He recalled that he felt it was unfortunate when the 33-1/3% limitation on nonresident entering freshmen was imposed. He expressed the opinion that setting up barriers between states would require a great deal of careful thought, because of the close relationships that exist between communities on both sides of the borders, between Wisconsin and Minnesota, and between Wisconsin and Illinois. He expressed the opinion that the Regents ought to take a strong position on this in the direction of no more limitations than we now have, and also that the limitation we now have was unfortunate.

Regent Nellen asked President DeBardeleben whether, keeping that limitation, he thought there should be variations in the limitation. President DeBardeleben stated that, because he opposed limitations, whether Regent Nellen meant by campus or by state of origin, he did not want to see either one of

them. Regent DeBardleben stated that he would like to know, from the Registrar, what the percentage of successful applicants from Illinois has been as compared with successful applicants from Ohio and Indiana. He inquired as to whether we end up with 38% of the nonresident students from Illinois because the number of applicants is so high from Illinois, or because they are superior students. President Harrington stated that 33% of out-of-state undergraduates of the University are from Illinois. He indicated that the administration would be glad to study the state of origin of the students, but he thought that that might be a problem. He noted that major institutions in the Big Ten had advised Illinois that it was not taking care of its education problem and had suggested that specific steps were in order. He suggested that Illinois probably would be doing better in the future, since they are going to establish additional colleges.

President DeBardleben expressed the opinion that it would be desirable to have each state take care of its own students. However, he noted that the resort industry in Wisconsin is one of the largest in the state, bringing a half a million dollars into the state every year, a large part of which, perhaps well over 50%, comes from the State of Illinois. He also noted that the largest customer for Wisconsin dairy products is Chicago. He expressed the opinion that starting to set up barriers would be contrary to the way this University has operated in the past, and to do so would encounter a lot of difficulties. Vice President Clodius agreed that there would be the danger of provincialism; and suggested that we probably would want proportionate representation of students from all of the states. President Harrington stated that he liked the point made by Regent Nellen that we should proceed very cautiously. He suggested that some figures should be gathered, and that perhaps it would be good to have some public discussion of this subject. He recalled that, twenty years ago, the complaints were about so many nonresident students from a distance, and the question was why couldn't we have more students from Illinois, Michigan, and Minnesota. He stated that people from a distance are different, while Illinois people are just like those from Wisconsin.

Regent Gelatt indicated that he agreed with the statement made earlier by President Harrington that he would choose charging the full cost of instruction to nonresident students, rather than increasing their admission restrictions. Regent Nellen stated that he failed to see the difference between a barrier based on geography or finances. He pointed out that what we are trying to do, in essence, is to encourage fewer out-of-state students to go to the Madison campus and more to go to the Milwaukee campus. Regent Gelatt inquired what different way there was of doing that, rather than in a negative manner. President Harrington suggested efforts be made of attracting people to the Milwaukee campus, which, he pointed out, involves the use of residence halls at Milwaukee. He stated that we do want out-of-state students, but not necessarily wealthy ones. He inquired whether the Regents wished to direct the administration, by a motion, to support the University position on this and look further into these matters, or whether they preferred to pass it over at this time. Regent Werner suggested that it could be passed over to the next meeting; and that, since the report distributed by President Harrington was now a public document, it might serve as a trial balloon to help the Regents make up their minds before the next meeting.

Regent Rohde moved that this matter be laid over to the next meeting, and the motion was seconded by Regent Werner.

President DeBardleben stated that, if it was the feeling of the Regents that they should support the administration in the present policy that had previously been approved by the Regents, in view of the fact that the Coordinating Committee for Higher Education will meet next month, they should so state our position at this time. Regent Werner expressed the opinion that he did not believe the Regents should establish the precedent of acting on a document brought in by the administration on the same day that it is received by the Regents. President Harrington again stated that he had not requested action at this time, but he wanted to reiterate that the Regents did have a position in connection with the limitation of admission of nonresident freshmen at Madison, and no other limitation, except the implied encouragement of more out-of-state students at UW-M, which position had frequently been discussed and supported by the Regents. He stated that that was the position of the University, that there was nothing in the present discussion to indicate that it had been changed; and that he would so present it as the position of the University.

The question was put on the motion to defer this matter until the next meeting and it was voted.

President Harrington stated that additional material on this subject would be brought in or sent to the Regents.

Reporting on the January 12, 1966 meeting of the Coordinating Committee for Higher Education, President DeBardleben reported that the Coordinating Committee had selected Professor Runge to serve as Acting Executive Director until July 1, and had prevailed upon Mr. Rothwell to serve as Executive Director of the Coordinating Committee for Higher Education beginning July 1, 1966. He also reported that the Coordinating Committee had adopted, with some minor changes, the proposal by the University of Wisconsin Regent representatives regarding the role of the Coordinating Committee for Higher Education and the functions of the staff.

President Harrington reported that we have a sister-state relationship between Wisconsin and Nicaragua; and that Mr. Wilbur Renk, a former President of our Board of Regents, is head of the delegation to Nicaragua. He explained that the thought was that the people of Wisconsin would work with the people of Nicaragua to determine how we can be of assistance to them. He reported that Dean Luberg had agreed to serve as the representative of higher education to assist the Wisconsin delegation.

President Harrington reported that he would visit the University of Wisconsin agricultural and educational projects in Nigeria in March; and that, consequently, he would not be present at the March meeting of the Regents.

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For the information of the Regents, the Secretary reported that an action had been filed in the Circuit Court of Dane County against the Director of the Bureau of Engineering, the Commissioner of the Department of Administration, the Governor, the Wisconsin State Agencies Building Corporation, the Chief Architect for the Bureau of Engineering, and The Regents of the University of Wisconsin, regarding the method of requesting bids for flooring for the Physical Education Building Unit II.

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Vice President Gelatt presented the Report of the Executive Committee (EXHIBIT G attached); and stated that, if there were no objections, the report would be included in the record as an official action 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 Rohde, it was VOTED, That, upon recommendation of the faculty of the College of Applied Science and Engineering at the University of Wisconsin - Milwaukee, the present departmental structure of the College of Applied Science and Engineering at the University of Wisconsin - Milwaukee be abolished and that, effective July 1, 1966, it be replaced by the following departments, not all of which may be activated immediately depending on the acquisition of suitable staff:

1. Electrical
2. Energetics
3. Industrial
4. Materials
5. Mechanical
6. Mechanics

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Upon motion by Regent Pasch, seconded by Regent Steiger, it was VOTED, That the establishment of Ph.D. programs at the University of Wisconsin - Milwaukee be approved in the fields of Geography and Psychology beginning in September 1966, and in the field of Botany beginning in September 1967.

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Upon motion by Regent Pasch, seconded by Regent Rothwell, it was VOTED, That the establishment of a School of Library and Information Science in the College of Letters and Science at the University of Wisconsin - Milwaukee be approved.

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

1. That James Edward Blackwell be appointed a Project Associate in the Department of International Studies and Programs (Peace Corps Center), University of Wisconsin - Milwaukee beginning September 1, 1965 for one year at a salary of \$16,000.
2. That Roy G. Francis be appointed Dean of the College of Letters and Science and Professor of Sociology, University of Wisconsin - Milwaukee, beginning July 1, 1966, salary to be determined in the 1966-67 budget.
3. That David W. Robinson be appointed Dean of Students (Faculty Status), University of Wisconsin - Milwaukee, beginning July 1, 1966, salary to be determined in the 1966-67 budget.
4. That Alfred M. Beeton be appointed Professor of Zoology, University of Wisconsin - Milwaukee, beginning second semester, 1965-66, at an academic-year salary of \$14,000.
5. That Clifford H. Mortimer, be appointed UWM Distinguished Professor of Zoology and Director of the Center for Great Lakes Studies, University of Wisconsin - Milwaukee, beginning with the academic year 1966-67, salary to be determined in the budget.
6. That Quentin R. Verdier be appointed Specialist in the Institute of Governmental Affairs, University Extension, beginning February 1, 1966 for one year at an annual salary rate of \$16,000.

Upon motion by Regent Pasch, seconded by Regent Rohde, it was VOTED, That Harold L. Nelson, Professor, School of Journalism, College of Letters and Science, Madison Campus, also be named Director of the School of Journalism, effective on the retirement of Professor Nafziger after the current academic year.

Regent Paxch moved approval of the following recommendations of the Educational Committee, the motion was seconded by Regent Rothwell, and it was voted:

1. That Henry H. Bakken (Professor of Agricultural Economics, College of Agriculture) be granted a leave of absence on the summer session basis for the second semester 1965-66 with salary charged \$1,593.50 to 1A Instruction, \$1,753.81 to 1A Research, and \$1,007.71 to Summer Session Leave Trust Fund.
2. That Philip G. Fox, Professor, School of Commerce, Madison Campus, be granted a leave of absence, without pay, for the second semester, 1965-66.

Regent Pasch moved approval of the following recommendation of the Educational Committee:

That, upon recommendation of the Faculty of the College of Engineering, Madison Campus, a Distinguished Service Citation be presented to James A. Lovell, Jr., at a special convocation on February 24, 1966 for his achievements in science, engineering, and space exploration.

Dean Luberg reported that Astronaut Lovell would be on the Madison campus on February 24; and that he would be there for a full day, which would include a space science panel discussion with University scientists, with Astronaut Slayton also participating, and several other programs. He reported that the Regents and other officials of the University would later receive information as to the time and places of the various activities for the Astronauts. Dean Luberg reported that Astronaut Lovell attended the University of Wisconsin for two years and subsequently had received his bachelor's degree at the Naval Academy at Annapolis.

The motion was seconded by Regents Rothwell and Steiger, and it was voted.

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

Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That the Executive Committee be authorized to act for the Board in authorizing the award of contracts and approval of the schedule (or schedules) of costs for the Elvehjem Art Center and Academic Complex for Art and Art Education, History and Music, Projects 6401-4 and 6405-14, respectively, Madison campus. (Bids February 24, 1966).)

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

That the budget of the State Geologist be increased by \$230,000 for the 1965-67 biennium as provided by appropriation, Chapter 502, Laws of 1965, to provide an accelerated water resources research and data collection program.

Regent Steiger explained that these funds would be allocated to five state agencies for this program which was to be coordinated by the University of Wisconsin.

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

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

VOTED, That, upon recommendation of the Attorney General, the Resolution of The Regents of the University of Wisconsin Relating to the Lease and Sublease of Certain Building Project Sites, and the Financing of Said Projects by the Wisconsin State Agencies Building Corporation (Madison South Lower Campus Project, Madison Numerical Analysis and Statistics Building Project, Madison Physical Education Unit No. 2 Building Project, and Madison Camp Randall Stadium Addition Project), (EXHIBIT H attached) be adopted.

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Upon motion by Regent Steiger, seconded by Regent Werner, it was VOTED, That Richard Sielaff and Donald Moratz be deputized, effective February 28, 1966, as University Police Officers on the University of Wisconsin - Milwaukee campus.

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Regent Werner, Chairman of the Special Regent Committee on Acquisition of Land in Milwaukee, reported that that committee had no report to make at this time. He announced that a closed meeting of that committee would be held following the adjournment of the Board meeting; and he invited all of the Regents to attend that committee meeting.

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The Secretary reported the receipt of a communication from the Lake Park Lutheran Church, Milwaukee, urging relief of the parking situation resulting from the rapid growth of UW-M; a communication from a Wisconsin alumnus, from

New York City, urging that the Regents do something about keeping non-students off the campus; and a communication from a group of students, comprising a Speech class on the Madison campus, which had also been directed to the City-University Coordinating Committee. The Secretary noted that the February 4, 1966 issue of The Daily Cardinal included a report that the City-University Coordinating Committee had refused to act on that communication. The Secretary explained that the communication included a request that the Board of Regents recommend to the Madison Police Department a decrease in the number of petty arrests and fines peculiar to the University area, on the belief that such arrests have no crime preventive value, serve only to enrich the City Treasury, and that the amount of money received in these fines is out of proportion to the antagonisms which such fines generate between the city and the University students. The Secretary pointed out that that request was improper, since relief from undesirable ordinances should be accomplished by requesting changes in such ordinances, rather than requesting their non-enforcement.

Vice President Gelatt reported on the receipt of a communication from the Village of Shorewood, which included a resolution adopted by the Village of Shorewood, opposing the expansion of the University of Wisconsin - Milwaukee into the Village of Shorewood, and recommending the appointment of a local planning and coordinating committee. He reported that that communication had been circulated to the Regents. He also reported receipt of a communication from the Village of Shorewood requesting a hearing before the Regents in the event of consideration of the UW-M campus expansion and development program.

President DeBardleben reported on the receipt of a communication from Assemblyman Angelo F. Greco regarding the parking problem at UW-M.

(The above mentioned communications are filed with the papers of this meeting.)

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The meeting adjourned at 3:17 P.M.

Clarke Smith, Secretary

GIFTS, GRANTS, AND U.S. GOVERNMENT CONTRACTS

2/4/66

*Gifts
Indefinite
2-1-66*

Unrestricted

1. \$ 25.00 - John M. Hall, Middleton, Wisconsin, an unrestricted gift to be added to the President's Special Fund. (Trust).

2. \$ 30.00 - Honeywell Fund No. 2, Minneapolis, Minnesota, a gift matching contributions made by Honeywell, Inc., employees under the Honeywell Higher Education Employee Contributions Matching Plan, to be added to the President's Special Fund. (Trust).

Instruction

1. \$ 3,000.00 - E. I. duPont deNemours & Company, Wilmington, Delaware, for the renewal of the duPont Post-graduate Teaching Assistant in Chemistry during the 1966-67 academic year. The assistantship will provide funds as follows:

\$1,500 stipend to the recipient, plus
\$1,500 for the Department of Chemistry.

The assistantship is to be awarded to a promising graduate student in Chemistry who will have had preferably a minimum of two years of experience as a graduate teaching assistant and have exhibited ability and interest in teaching and have established a good scholastic record. In exceptional cases, candidates with only one year of experience will be considered. (133-518).

Instruction

2. \$ 296.83 - Deutscher Akademischer Austauschdienst, Bad Godesberg, Germany, NATO Postdoctoral Fellowship Supply and Equipment grant accompanying a NATO Postdoctoral Fellowship in the Department of Chemistry, for the period October 1, 1965 to September 30, 1966. (133-5289).
3. \$ 500.00 - Mrs. Viola L. Smith, Marinette, Wisconsin, to establish a fund in memory of Mr. Ralph Smith, Marinette, Wisconsin, to be used for instructional aids and devices by the Department of Medicine. (133-5302).
4. National Institutes of Health, Bethesda, Maryland, in support of the following Instructional programs:
- 1) \$ 5,100.00 - Predoctoral Fellowship Award - January 1, 1966-December 31, 1966 - Department of Psychology. (5-F1-MH-22, 753-03) (144-6447).
- 2) 500.00 - Postdoctoral Fellowship Supply Allowance - July 1, 1965 - June 30, 1966 - Department of Veterinary Science. (5-F2-AI-24,412-02) (144-6518).
- 3) \$ 624.00 - International Postdoctoral Research Fellowship- January 2, 1966 - January 31, 1966 - Department of Pharmacology. (2 F05-TW-714-03) (144-6522).
5. \$ 11,532.50 - The Cooperative League of the U.S.A., Chicago, Illinois (under contract with the Peace Corps) in support of the technical training of approximately twenty Peace Corps Volunteers for service in a consumer cooperative project in the Punjab, India. Contract is effective December 29, 1965 and terminates March 8, 1966- International Cooperative Training Center, University Extension. Contract PC-72-645, Subcontract dated December 29, 1965. (144-6509)
6. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., in support of the following instructional programs:
- 1) \$ 300.00 - Christmas Program for twenty participants in the Technical Assistance Program - December 20 through December 25, 1965 - Department of Education Administration, University of Wisconsin - Milwaukee. Contract OE-6-17-017. (144-4240).

Instruction

6. Office of Education (Contd.)
- 2) \$265,000.00 - Institutional allowance in connection with the National Defense Graduate Fellowship Program (Title IV) for the academic year 1965-66 in the following areas:
- | | <u>Amount Allocated</u>
<u>To Department</u> | <u>Fund No.</u> |
|---|---|-----------------|
| Adult Education (Curric. and Instruc.) | \$ 7,500 | 144-6117 |
| Agric. Economics | 3,500 | -6118 |
| Chinese | 3,000 | -6119 |
| Counsel. and Behav. Studies | 5,000 | -6120 |
| Economics | 9,000 | -6121 |
| Educ. Psychology | 6,500 | -6122 |
| English | 7,500 | -6123 |
| French | 7,000 | -6124 |
| Mathematics | 9,000 | -6125 |
| Nuclear Engineering | 1,500 | -6126 |
| Physical Education | 10,500 | -6127 |
| Statistics | 4,000 | -6128 |
| Economic History (Econ.& History) | 4,500 | -6129 |
| Educ. Policy Studies | 4,500 | -6130 |
| Linguistics | 4,500 | -6131 |
| Philosophy | 5,000 | -6132 |
| Political Science | 5,000 | -6133 |
| Urban and Regional Planning | 4,500 | -6134 |
| Commerce | 2,000 | -6135 |
| Educational Admin. | 1,000 | -6136 |
| Geography | 1,000 | -6137 |
| German | 1,000 | -6138 |
| History | 4,500 | -6139 |
| History of Science | 500 | -6140 |
| Slavic Languages | 1,000 | -6141 |
| Sociology | 1,000 | -6142 |
| Spanish | <u>2,000</u> | -6143 |
| Total Amount Allocated to the Departments | \$116,000 | |
| Amount Allocated to Graduate School | <u>149,000</u> | -6150 |
| Total University Allowance | <u>\$265,000</u> | |
7. \$ 13,950.00 - Agency for International Development, Department of State, Washington, D. C., in support of a project to develop and produce a documentary and demonstrational motion picture film for use in Latin America for the period November 18, 1965 through May 17, 1966 - Division of Radio-Television Education. Contract AID/1a-355. (144-6517).

Instruction

8. \$ 99,336.00 - Office of Juvenile Delinquency and Youth Development, Department of Health, Education, and Welfare, Washington, D. C., in support of a training program (curriculum development) - January 1, 1966 - December 31, 1966 - Institute of Governmental Affairs, University Extension. Grant 66205. (144-6519).

9. \$ 26,995.00 - Vocational Rehabilitation Administration, Department of Health, Education, and Welfare, Washington, D. C., in support of an Orientation Workshop for Vocational Rehabilitation Counselors - January 17, 1966 - December 30, 1966 - Department of Counseling and Behavioral Studies. Contract VRA 66-57. (144-6534).

Student Aid

1. \$ 500.00 - M. Gerhard Dokken, Bronx, New York, an additional contribution in support of the M. Gerhard Dokken Fund to be administered in accordance with the terms of the fund as approved by the Regents on February 1, 1958. The fund is to be used to make loans to qualified students in the field of science by the Committee on Loans and Undergraduate Scholarships. (Loan).
2. \$ 500.00 - Brebner Machinery Company, Inc., Green Bay, Wisconsin, additional contributions (1964 and 1965) to the loan fund established by the donor and accepted by the Regents on December 6, 1958. Loans are made to students in Civil Engineering coming from 21 Northeastern Counties specified in the original acceptance. (Loan).
3. \$ 20.00 - Dean Kurt F. Wendt, Madison, Wisconsin, given in memory of the late Professor Charles A. Gilpin and James W. McNaul, to be added to the College of Engineering Loan Fund. (Loan).
4. \$ 5.00 - Friends of the late Dickey Chapelle, given in her memory, to be added to the Dickey Chapelle Student Loan Fund. (Loan).
5. \$ 25.00 - Dr. Norman O. Becker, Fond du Lac, Wisconsin, a contribution to be added to the Robert Gavin Medical Student Loan Fund. (Loan).
6. \$ 10.00 - Mildred J. Alexander, Virginia Beach, Virginia, additional contribution to the James D. Hopkins Memorial Student Loan Fund, in accordance with the terms approved by the Regents on December 10, 1965, to be made available to deserving undergraduate or graduate students interested in agricultural pest control in the College of Agriculture. (Loan).
7. \$ 50.00 - Emil W. Breitreutz, San Marino, California, to be added to the Edward Schildhauer Loan Fund. (Loan).
8. \$400,500.00 - Office of Education, Department of Health, Education and Welfare, Washington, D. C., for the continuation of the National Defense Student Loan Fund at the University of Wisconsin and the University Center System. (Loan).

Student Aid

9. \$ 20,000.00 - Bureau of State Services, Department of Health, Education, and Welfare, Washington, D. C., for the support of a Nursing Student Loan Fund for the fiscal year 1965-66. (Loan).
10. \$ 10.00 - Miss Gladys Stillman, Tucson, Arizona, a contribution to be added to the Frances Zuill Scholarship Fund. (Trust).
11. \$ 50.00 - University of Wisconsin Foundation, Madison, Wisconsin, a contribution made by Mr. and Mrs. Harrison L. Garner to be added to the Margaret Garner Winston Journalistic Scholarship Income Account. (Trust).
12. \$ 170.00 - University of Wisconsin Foundation, Madison, Wisconsin, representing miscellaneous contributions to be added to the Elwell Scholarship Fund in the School of Commerce. (Trust).
13. \$ 2,000.00 - Dr. and Mrs. Lester E. Frankenthal, Jr., Chicago, Illinois, for the continuation of a research project in limnology - Department of Zoology. (133-69).
14. \$ 4,200.00 - Union Carbide Corporation, New York City, for the continued support of the Union Carbide Corporation Fellowship for the academic year 1965-66 - Department of Geology. (133-226).
15. -- - Shell Fellowship Committee of the Shell Companies Foundation, Inc., New York City, for the continuation of a postgraduate fellowship in Chemical Engineering for 1966-67. Preference in the award of this fellowship shall be given to a student in the second year or higher of his doctorate work, and who is a citizen of the United States or to a permanent resident of the United States. The fund is to be expended as follows:
- 1) \$2,000 to the recipient of the fellowship if single, or married without children; \$2,600 if the recipient is married and has one or more children.
 - 2) \$1,000 for expenses incidental to the fellowship-- any balances to be used at the discretion of the Department of Chemical Engineering.
 - 3) An additional sum will be provided to pay the tuition and fees for the academic year. (133-368).

Student Aid

16. -- - Shell Fellowship Committee of the Shell Companies Foundation, Inc., New York City, for the continuation of a postgraduate fellowship in Chemistry for 1966-67. Preference in the award of this fellowship shall be given to a student in the second year or higher of his doctorate work, and who is a citizen of the United States, or to a permanent resident of the United States. The fund is to be expended as follows:
- 1) \$2,000 to the recipient of the fellowship if single, or married without children; \$2,600 if the recipient is married and has one or more children.
 - 2) \$1,000 for the expenses incidental to the fellowship--any balances to be used at the discretion of the Department of Chemistry.
 - 3) An additional sum will be provided to pay the tuition and fees for the academic year. (133-478).
17. \$ 50,000.00 - Wisconsin Student Aid Foundation, Inc., Madison, Wisconsin, to be added to the Wisconsin Student Aid Foundation Undergraduate Scholarship Fund, to be used as Grants-in-Aid and/or Scholarships for the education of needy and worthy students recommended by the Athletic Director and administered in accordance with Western Conference Rules. (133-498).
18. \$ 1,900.00 - Foundry Educational Foundation, Cleveland, Ohio, for the continuation of the Foundry Educational Foundation Scholarship program in Foundry Engineering. (133-767).
19. \$ 500.00 - Ralston Purina Company, St. Louis, Missouri, to provide an undergraduate scholarship in the College of Agriculture for the academic year 1966-67. (133-2005).
20. \$ 1,500.00 - University of Wisconsin Foundation, a gift from the Oscar Rennebohm Foundation, Inc., restricted for use in the School of Pharmacy; \$1,000 shall be used for awards to graduate assistants for outstanding teaching, and \$500 to be used at the discretion of the Dean for lectures and other items. (133-2282).

Student Aid

21. \$ 1,500.00 - Mr. Sturtevant Stewart, Rockford, Illinois, toward the support of a graduate fellowship in Fishery Biology, Department of Zoology, (Graduate School). Additional contributions may be made to this fund from time to time. (133-2546).
22. \$ 250.00 - Osco Drug, Inc., Melrose Park, Illinois, for continued support of a scholarship for Pharmacy students (second semester 1965-66) to be awarded at the discretion of the Dean of the School of Pharmacy. (133-2554).
23. \$ 300.00 - First American National Bank, Wausau, Wisconsin, for the support of a scholarship to be awarded to a male graduate of a Wisconsin high school who, in the last semester of his junior year in the School of Commerce (Madison campus), University of Wisconsin, signifies that he will major in banking and finance and that he plans to enter the banking profession. (133-2571).
24. \$ 66,000.00 - Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey, for the support of 33 Fellows in the Graduate School. (133-4173).
25. \$ 130.00 - Various donors, for the support of a scholarship for major students in the Department of Theatre Arts at the University of Wisconsin - Milwaukee. (133-4233).
26. \$ 250.00 - Madison General Hospital, Madison, Wisconsin, a gift to support students in the Training Program for the Master's degree in Pharmacy. (133-4561).
27. \$ 25.00 - Madison Home Economics Association, Madison, Wisconsin, to be added to "The Home Economics Alumni Scholarships" fund in accordance with the revised terms approved by the Regents on December 10, 1965. (133-4682).
28. \$ 10,000.00 - The Helen Hay Whitney Foundation, New York City, for the support of a fellowship in the Department of Medical Genetics. The fellowship carried a stipend of \$9,000 plus \$1,000 for departmental expenses. (133-4790).
29. \$ 500.00 - Alma G. Hall Foundation, Milwaukee, Wisconsin, a gift to be used for scholarship purposes for a first year student at the University of Wisconsin - Milwaukee. It is the intention of the donor to renew this scholarship for an additional two years. (133-4846). EXHIBIT A

Student Aid

30. \$ 100.00 - Dr. and Mrs. T. A. Leonard, Madison, Wisconsin, to continue the Dr. and Mrs. T. A. Leonard Award to be made to the senior medical student adjudged most proficient by the residents in Gynecology and Obstetrics. (133-4875).
31. \$ 250.00 - Lawrence J. Jones and Dorothy Jones, Menomonie, Wisconsin, to continue the Lawrence and Dorothy Jones Grant in Pharmacy, to be given annually until terminated by the donors. The award shall be given in whole or in part to a Dunn County resident, in accordance with the terms of the original gift accepted by the Regents on March 5, 1965. (133-4890).
32. \$ 250.00 - McGladrey, Hansen, Dunn & Company, Davenport, Iowa, to establish the I. B. McGladrey Accountancy Award beginning in the fall of 1966. The award shall be made on the basis of scholarship and interest in the field of Accounting to a student who intends to complete a Bachelor's degree in Business Administration with a major in Accounting. The award is renewable annually at the discretion of the donor. (133-5280).
33. \$ 1,500.00 - Ernst & Ernst, Chicago, Illinois, for the support of the Ernst & Ernst Scholarship-Fellowship in the School of Commerce. The award shall be based on scholarship, major field of study in Accounting, University or community citizenship, and evidence of outstanding ability and potential based on such factors as leadership, character, extra-curricular activities. The award is renewable annually at the discretion of the donor. (133-5281).
34. \$ 4,500.00 - Wisconsin Heart Association, Milwaukee, Wisconsin, for the support of a research fellowship in the Department of Physiology during the period July 1, 1966 to June 30, 1967. (133-5285).
35. \$ 1,000.00 - The Dan Hoan Foundation, Milwaukee, Wisconsin, for the support of a scholarship to be made available to a graduate student in political science, whose major studies are municipal or state governments - Department of Political Science. (133-5299).
36. \$ 3,000.00 - The Jane Coffin Childs Memorial Fund for Medical Research, New Haven, Connecticut, for the support of a fellowship in the Department of Genetics during the period January 1, 1966,

Student Aid

36. Contd.) through June 30, 1966. The grant provides a stipend of \$2,750 plus \$250 supply allowance. (133-5300).
37. \$ 322.50 - Dane County Pharmaceutical Society, Inc.,
 Madison, Wisconsin;
 \$ 160.00 - Tuttle's Drug Store, Fort Atkinson, Wisconsin;
 \$ 2,000.00 - University of Wisconsin Foundation, Madison, Wis;
 \$ 2,482.50 - to be added to the School of Pharmacy Grant
 and Scholarship Fund. (133-1078).
38. \$311,063.00 - Office of Education, Department of Health,
 Education, and Welfare, Washington, D. C.,
 for the operation of the 1966 spring College
 Work-Study Program. Funds allotted to this
 program since January 1965 total \$1,416,003 -
 (Fund 145) - Student Financial Aids.

Research

1. \$ 5,400.00 - Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for continued support of the research program of Dr. E. S. Gordon in the Department of Medicine. The donor has specified that this fund "is intended to be used entirely at your discretion in the furtherance of your program for whatever period of time it lasts." (133-308).
2. \$ 50,000.00 - The Alexander and Margaret Stewart Trust, Washington, D. C., to provide additional funds for cancer research in the McArdle Memorial Laboratory during the period January 1, 1966, through December 31, 1966. Specifically the funds shall be used for research, education, prevention and care relating to cancer. (133-456).
3. \$ 15,000.00 - E. I. duPont deNemours & Company, Wilmington, Delaware, for the renewal of a grant-in-aid for fundamental research in the Department of Chemistry, during the 1966-67 academic year, to be used in any manner decided upon by the University of Wisconsin, except for laboratory maintenance, new construction or endowment purposes. (133-878).
4. \$ 93.00 - Friends of the late J. Jesse Hyman, Sr., Madison, Wisconsin, given in his memory;
 \$ 52.00 - Friends and associates of Helene Alton, Madison, Wisconsin, given in her memory;

 \$ 145.00 - additional contributions in support of research in the Cardiovascular Laboratory of the Medical School. (133-2701).
5. \$ 105.00 - Friends of the late J. Jesse Hyman, Sr., Madison, Wisconsin, given in his memory, additional contributions in support of research in the Cardiovascular Laboratory of the Medical School. (133-2701).
6. \$ 5,000.00 - E. I. DuPont deNemours & Company, Wilmington, Delaware, a grant-in-aid for fundamental research in Chemical Engineering during the academic year 1966-67. (133-2810).
7. \$ 1,000.00 - Mr. H. F. Halverson and Family, Beloit, Wisconsin, an additional contribution given in memory of Mrs. H. F. (Helen) Halverson, for the support of research conducted by Dr. Manucher Javid - Division of Neurosurgery - Medical School. (133-3254).
8. \$ 450.00 - Merrill Manufacturing Corporation, Merrill, Wisconsin, an additional contribution for support of The Center for Productivity Motivation. (133-3516).

Research

9. \$ 10.00 - Senior High Faculty Committee, Dubuque, Iowa, given in memory of the late Thomas M. Nelson, Dubuque, Iowa, to support leukemia research in the Department of Pediatrics. (133-3535).
10. \$ 6,000.00 - Chas. Pfizer & Co., Inc., Groton, Connecticut, for the support of research in organic chemistry. (133-3747).
11. \$ 2,000.00 - The Dow Chemical Company, Midland, Michigan, an unrestricted grant for use by the Department of Chemical Engineering. (133-3852).
12. \$ 7,500.00 - Gerber Products Company, Fremont, Michigan, for renewal and continuation during the period January 1 to December 31, 1966, of an industrial research project having for its purpose a study of processing and storage stability of sterilized concentrated milk products - Department of Dairy and Food Industries. (133-4140).
13. \$ 1,000.00 - Empire Level Manufacturing Co., Wauwatosa, Wisconsin, to be used for retarded children research in the Medical School. (133-4168).
14. \$ 1,000.00 - World Health Organization, Geneva, Switzerland, for the support of Brucellosis research in the Department of Bacteriology. (133-4499).
15. \$ 200.00 - Rahr Foundation, Manitowoc, Wisconsin, the third installment of a commitment of \$1,000 to be paid over a period of five years, to be used for the purchase of books in the field of Wildlife Conservation - Department of Wildlife Management. (133-4525).
16. \$ -- Alfred P. Sloan Foundation, New York City, termination date for the support of the Alfred P. Sloan Research Fellowship in Physics extended through September 15, 1968. (133-4570).
17. \$ 754.00 - Warner-Lambert Pharmaceutical Company, Morris Plains, New Jersey, final grant in support of a gastroscopic photography project performed in the Department of Medicine. (133-4681).
18. \$ 187.00 - The Campus Carnival Fund, Milwaukee, Wisconsin, a gift to be used for research on mental retardation by the Department of Exceptional Education, University of Wisconsin - Milwaukee. (133-4719).

Research

- 19. \$ 187.00 - The Campus Carnival Fund, Milwaukee, Wisconsin, a gift to be used for research on language disorders by the Department of Exceptional Education, University of Wisconsin - Milwaukee. (133-4721).

- 20. \$ 200.00 - Columbus Community Chest, Columbus, Wisconsin, a grant to assist in the work of the Regional Rehabilitation Research Institute, School of Education. Additional contributions may be made to this fund. (133-4866).

- 21. \$ 5,000.00 - The General Electric Foundation, Ossining, New York, for the support of a Graduate Research and Study Grant in Physics for the year 1966. (133-4891).

- 22. \$ 5,000.00 - The General Electric Foundation, Ossining, New York, a graduate research and study grant in the Department of Economics for the year 1966. (133-4913).

- 23. \$ 1,950.00 - Wisconsin Anti-Tuberculosis Association, Milwaukee, Wisconsin, additional contribution for support of research entitled "A Study of Community Participation in the Total Community Tuberculosis Surveys ('Operation KO-TB')" - Department of Rural Sociology. (133-5001).

- 24. \$ 15.00 - Friends of the late Mark Goodrich, Appleton, Wisconsin, given in his memory;
 \$ 5.00 - Mr. and Mrs. Donald L. Atkins, DeForest, Wis.;
 \$ 5.00 - Mr. and Mrs. David M. Theno, Aurora, Illinois, given in memory of the late Mark Goodrich, Appleton, Wisconsin
 \$ 25.00 - to be used for research in cystic fibrosis in the Department of Pediatrics. (133-5140).

- 25. \$ 1,330.00 - Warner-Lambert Pharmaceutical Company, Morris Plains, New Jersey, for the support of gastroenterology research in the Department of Medicine. (133-5176).

- 26. \$ 3,875.00 - Kemper Insurance Company, Chicago, Illinois, a grant for use in conducting the necessary training and evaluation procedures in the evaluation of the Kemper Insurance Group Executive Development Program - University Extension. (133-5231).

- 27. \$ 500.00 - Daggett Medical Engineering, Inc., Madison, Wisconsin, in support of the development of experimental hardware in connection with the

Research

27. (Contd.) development of new types of rapid fixation for prosthetic heart valves - Department of Mechanical Engineering. (133-5270).
28. \$ 26,197.00 - United Cerebral Palsy Research and Educational Foundation, Inc., New York City, for the support of research during the period January 1 through December 31, 1966, entitled "The Effect of Anoxia and Hypoglycemia on Metabolism in the Isolated Dog Brain" - Department of Surgery. (133-5271).
29. \$ 1,098.50 - Family and Friends of Mrs. Milton H. Kuether, Kiel, Wisconsin, given in her memory, to support Germ-Free Animal Research in the Department of Surgery. (133-5273).
30. \$ 9,250.00 - Elsa U. Pardee Foundation, Midland, Michigan, for support of research during the period January 1, 1966 through December 31, 1966, entitled "Studies on Bladder Cancer in Man" - Division of Clinical Oncology. (133-5274).
31. \$ 11,687.38 - CIDA, Washington, D. C., for the support of a cooperative study of the Bolivian Land Reform to be conducted by the Land Tenure Center during the period December 1, 1965 through June 30, 1967. (133-5275).
32. \$ 3,000.00 - The Upjohn Company, Kalamazoo, Michigan, for the support of graduate research programs in the School of Pharmacy. (133-5276).
33. \$ 500.00 - Friends of Mr. Homer Montague and the late Mrs. Homer (Adaline L.) Montague, given in the latter's memory, to support research in Allergy - Department of Medicine. (133-5277).
34. \$ 29,700.00 - Life Insurance Medical Insurance Fund, Rosemont, Pennsylvania, for the support of research in the Institute for Enzyme Research during the period July 1, 1966 to June 30, 1969, entitled "Intermediary Metabolism with Particular Reference to Heart Muscle." (133-5278).
35. \$ 8,407.00 - Easter Seal Research Foundation, National Society for Crippled Children and Adults, Inc., Chicago, Illinois, for the support of research in the Department of Surgery during the period January 1 to December 31, 1966, entitled "Reflex Contractions of Respiratory Muscles in Quadriplegic Patients." If progress is

Research

35. (Contd.) satisfactory and if funds are available, support will be continued during the first additional year at the level of \$9,913 and during the second additional year at the level of \$11,431. (133-5282).
36. \$ 2,000.00 - CRSI Committee on Continuously Reinforced Concrete Pavement, Chicago, Illinois, for the support of research in the Department of Engineering Mechanics during the period February 1, 1966 to August 31, 1966, entitled "Stresses and Deflections in a Rigid Concrete Pavement Loaded Near a Hinged Joint." (133-5283 - \$1,900; 133-4385 - \$100).
37. \$ 1,000.00 - The Eagle-Picher Company, Kansas City, Missouri, contribution for the support of research in the Department of Soils during the period January 1 to December 31, 1966, entitled "A Study of the Effects of Zinc on Yield and Quality of Various Varieties of Corn and Other Important Crops Grown in Wisconsin." (133-5284).
38. \$ 11,359.00 - United Health Foundations, Inc., New York City, for the support of research in the Department of Oncology during the period January 1 through December 31, 1966, entitled "Nitrogen Metabolism in a Host Tumor System". (133-5292).
39. \$ 200.00 - FMC Corporation, Middleport, New York, for the support of research to be conducted in the Department of Entomology - College of Agriculture. (133-5293).
40. \$ 500.00 - The Dow Chemical Company, Midland, Michigan, a gift to be used for the support of the activities of the Department of Mechanical Engineering during 1966-67. (133-5294).
41. \$ 2,000.00 - The Dow Chemical Company, Midland, Michigan, a gift to be used for the support of the activities of the Department of Chemistry during 1966-67. (133-5295).
42. \$ 5,000.00 - The General Electric Foundation, Ossining, New York, for the support of research into pricing policies and ethics of business to be conducted in the School of Commerce during the year 1966. (133-5296).
43. \$ 75.00 - Mrs. Lona L. McBrair, Appleton, Wisconsin, given in memory of the late Mr. C. R. McBrair, Appleton, Wisconsin, to support research in vascular disease in the Department of
Neurology.

Research

43. (Contd.) Neurology. Additional contributions may be made to this fund. (133-5297).
44. \$ 13,550.00 - The Rockefeller Foundation, New York City, for the support of a "Study of United States Relations with the Middle Eastern Powers from 1939 to 1950," for a one-year period beginning approximately June 1, 1966 - Department of History. (GA HSS 65145) (133-5298).
45. \$ 5,555.56 - American Bar Foundation, Chicago, Illinois, for the support of research in the Law School on the legal needs of the poor and the effectiveness of the programs that have been devised for meeting those needs. (133-5301).
46. \$ 18,344.00 - American Cancer Society, Inc., New York City, for the support of research in the McArdle Laboratory during the period March 1, 1966, through February 28, 1967, entitled "Process of Skin Tumor Formation into Components and Their Mechanism." (133-5303).
47. \$ 55,000.00 - American Cancer Society, Inc., New York City, for the support of an institutional research grant in the Medical School during the period March 1, 1966, through February 28, 1967. (IN-35G) (133-5304).
48. \$ 35,700.00 - Oak Electro/Netics Corporation, Crystal Lake, Illinois, for the support of research in the College of Engineering during the period February 1, 1966, through August 30, 1967, as follows:
- | | | |
|---|----------|-------------|
| Tuning Devices | \$ 8,000 | (133-5305) |
| Switching Devices | 8,000 | (133-5306) |
| Sensors and Control | 12,450 | (133-5307) |
| Filters | 4,000 | (133-5308) |
| Engineering Experiment Station | 2,925 | (133-4385) |
| University-Industry Research Program to be used at the discretion of the Director for any purpose without regard to limitations imposed by State of Wisconsin fiscal procedures and regulations | 325 | (133-5309). |
49. \$ 160.00 - Mrs. Fred Karuhn, Coleman, Wisconsin, an additional contribution in memory of Fred Karuhn, Coleman, Wisconsin, in support of research in the cause and cure of cancer in the Division of Clinical Oncology. (133-1038).

Research

50. \$ 300.00 - Norris S. Stoltze, Santa Barbara, California;
 \$ 10.00 - The Futuræ Club, Manawa, Wisconsin, given in
 memory of the late Carl Roenz;
 \$ 225.00 - Algoma Community Chest, Algoma, Wisconsin;
 \$ 454.75 - United Community Fund, Elkhorn, Wisconsin;
 \$ 5.00 - Mr. and Mrs. Willard S. Dakin, Kentfield,
 California, in memory of Mr. Melvin Veeder;
 \$ 20.00 - Mr. and Mrs. Willard S. Dakin, Kentfield,
 California, in memory of Mr. Sherman Barnett;
 \$ 50.00 - Mr. and Mrs. Richard Marek, Jefferson, Wis-
 consin, in memory of Keith Marek, Jefferson,
 Wisconsin;
 \$ 1,064.75 - additional contributions for research in the
 cause and cure of cancer - McArdle Memorial
 Laboratory. (133-327).
51. \$ 10.00 - Friends of the late Mary Blankenheim, Madison,
 Wisconsin, given in her memory;
 \$ 100.00 - Mr. and Mrs. Norman Lutz, Kenosha, Wisconsin;
 \$ 110.00 - to be used for cancer research in the Medical
 School. (133-3651).
52. \$ 900.00 - United Fund of Sheboygan Falls, Inc., Sheboy-
 gan, Falls, Wisconsin, for the support of
 research in the Medical School as follows:
 \$450.00 Cancer Research (133-3651)
 \$450.00 Heart Research (133-3832).
53. \$ 1,800.00 - The Community and War Chest, Inc., Columbus,
 Wisconsin, for the support of research in the
 Medical School as follows:
 \$1,000.00 Cancer Research (133-3651)
 400.00 Tuberculosis Research
 and Care (133-3480)
 400.00 Crippled Children (133-3479).
54. \$ 30,000.00 - U. S. Department of Agriculture, Forest
 Service, Washington, D. C., in support of
 research entitled "Sex Attraction and Mating
 in Insects, Particularly Sawflies" -
 December 21, 1965 - December 31, 1967 -
 Department of Entomology. Grant 2. (144-6499).
55. Air Force Office of Scientific Research,
 Washington, D. C., in support of the following
 Research programs:
- 1) \$ 29,016.00 - "Mechanism of Stress - Corrosion Cracking in
 Face-Centered-Cubic Metals" - February 1, 1966-
 January 31, 1968 - Department of Minerals and
 Metals Engineering. Grant AF-AFOSR-221-66.
 (144-6490).

Research

55. Air Force (Contd.)
 2) \$ 96,720.00 - "Novel Organometallic Compounds" - February 1, 1966 - January 31, 1968 - Department of Chemistry. Grant AF-AFOSR-1061-66. (144-6508).
56. U. S. Army Research Office, Washington, D. C., termination date of contract in support of research entitled "Measurements of Ultrasonic Wave Velocities in Ice Cores from Greenland and Antarctica" extended from September 18, 1965 to December 31, 1965 - Department of Geology. Contract DA 49-092-ARO-40, Modification 1. (144-5369).
57. Atomic Energy Commission, Argonne, Illinois, in support of the following Research programs:
- 1) \$100,000.00 - Continued support of research entitled "A Study of Fundamental Particles." Termination date extended to December 14, 1965 - Department of Physics. Contract AT(11-1)-881, Supplement 9 to Modification 1. (144-3491, -3492, -3493, -4707).
- 2) \$200,000.00 - Continued support of research entitled "A Study of Fundamental Particles." Termination date extended to January 31, 1966 - Department of Physics. Contract AT(11-1)-881, Supplement 10 to Modification 1. (144-3491, -3492, -3493, -4707).
- 3) \$ 39,000.00 - Continued support of research entitled "Investigations of Thermoluminescent Radiation Dosimetry" - November 1, 1965 - October 31, 1966 - Department of Radiology. Contract AT(11-1)-1105, Modification 4. (144-6423).
- 4) \$ 21,000.00 - Continued support of research entitled "Determination of Body Composition In Vivo" - November 1, 1965 - October 31, 1966 - Department of Radiology. Contract AT(11-1)-1422, Modification 1. (144-6424).
- 5) \$ 2,707.00 - "Studies of Diffusion in Zeolites and Glasses" - December 15, 1965 - July 14, 1966 - Department of Chemistry, University of Wisconsin - Milwaukee. Contract AT(11-1)-1550. (144-6521).
- 6) \$ 56,056.00 - Continued support of research entitled "Radiation Interactions in Solids; Surface and High Pressure Effects" - January 1, 1966 - December 31, 1966 - Department of Nuclear Engineering. Contract AT(11-1)-1439, Modification 1. (144-6524).

Research

58. \$ 42,000.00 - Office of Economic Opportunity, Washington, D. C., additional support for research entitled "Study and Report on Income Maintenance Proposals" and extension of termination date from September 30, 1965 to December 31, 1965 - Department of Economics. Contract OEO-492, Modification 1. (144-6250).
59. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., in support of the following research programs:
- 1) \$ 56,752.00 - "State and Local Government as Employers of Youth Trained in Vocational-Technical Schools" - October 15, 1965 - March 31, 1967 - Institute for Governmental Affairs, University Extension. Contract OE-6-85-054. (144-6407).
- 2) \$ 8,188.00 - "Effects of Certain Teacher Behaviors Upon Thinking in a First Grade Classroom" - November 1, 1965 - August 31, 1966 - Department of Curriculum and Instruction. Contract OE-6-10-228, Project S-483. (144-6429).
60. (\$ 6,000.00) - Food and Drug Administration, Department of Health, Education, and Welfare, Washington, D. C., reduction in scope of work of research entitled "Survey of Clostridium botulinum Type E" - June 1, 1964 - June 30, 1966 - Department of Bacteriology. Contract FDA 64-44(Neg.), Supplement 4. (144-5371).
61. \$ 12,000.00 - Department of the Interior, Office of Water Resources Research, Washington, D. C., in support of research entitled "Insecticide Adsorption by Lake Sediments as a Factor Controlling Insecticide Accumulation in Lakes" - February 1, 1966 - January 31, 1967 - Water Resources Center. Grant 14-01-0001-894. (144-6525).
62. National Aeronautics and Space Administration, Washington, D. C., in support of the following research programs:
- 1) \$370,124.00 - Estimated cost increased of contract in support of research to "Develop a Satellite Borne Instrumentation System" - Space Astronomy Laboratory. Contract NAS5-1348, Modification 20. (144-3634).
- 2) \$ 30,131.00 - Estimated cost increased of contract in support of research to "Develop a Satellite Borne Instrumentation System" - Space Astronomy Laboratory. Contract NAS5-1348, Modification 22. (144-3634).

Research

62. NASA (Contd.)
- 3) \$140,000.00 - Continued support of research entitled "Investigations and Studies of Ultraviolet Stellar Spectra and Associated Instrumentation" - Approximately 3 years, effective April 1, 1965 - Department of Astronomy. Grant NsG-618, Supplement 1. (144-5282).
63. Cook Electric Company, Tech-Center Division (under contract with National Aeronautics and Space Administration) increases estimated cost by \$15,835 for a subcontract total of \$2,427,297. Subcontract provides for Development of a Satellite Borne Instrumentation System - Space Astronomy Laboratory. Contract NAS5-1348, Subcontract 1, Modification 22. (144-3634).
64. New Mexico State University, University Park, New Mexico, (under contract with the National Aeronautics and Space Administration) - extends the termination date from December 31, 1965 to April 30, 1966 - Departments of Meteorology and Electrical Engineering. Contract NASw-65, Subcontract 1, Modification 2. (144-3469 and 144-3470).
65. Bureau of State Services, Department of Health, Education, and Welfare, Washington, D. C., in support of the following research programs:
- 1) \$ 6,345.00 In supplemental support of research entitled "Translocation of Pesticides from Soils into Crops" - January 1, 1966 - August 31, 1966 - Department of Entomology. (EF 00168-07S2) (144-5505).
- 2) \$ 22,260.00 - "Microbial Degradation Pesticides" - January 1, 1966 - December 31, 1966 - Department of Entomology. (ES 00125-01) (144-6510).
66. National Institutes of Health, Bethesda, Maryland, in support of the following research programs:
- 1) Termination date of grant in support of research entitled "Controlling Drug Adulteration in England, 1820-1906" extended from January 31, 1966 to June 30, 1966 - School of Pharmacy. GM 09132-02) (144-4539).
- 2) \$ 28,080.00 - Continued support of the Vaccine Evaluation Center for the period January 1, 1966 through

Research

66. NIH (Contd.)
- 2) Contd. June 30, 1966 - Department of Preventive Medicine. Contract PH43-63-1127, Supplement 5. (144-4734).
- 3) Termination date of contract in support of the Statistical Service Center extended from December 24, 1965 to June 30, 1966 - Division of Clinical Oncology. Contract PH43-63-599, Modification 4. (144-4754).
- 4) Termination date of grant in support of research entitled "Metabolism of Amino Acids in Liver Disease" extended from December 31, 1965 to August 31, 1966 - Department of Medicine. (AM 06329-03) (144-5517).
- 5) \$ 21,960.00 - "Biosynthetic Activities of Leukemic Cells in Vitro" - January 1, 1966 - December 31, 1966 - Department of Medicine. (CA 06186-05) (144-5678).
- 6) \$ 11,228.00 - "Effects of Substituted Phenylethylamines" - January 1, 1966 - December 31, 1966 - School of Pharmacy. (AM 08082-03) (144-5691).
- 7) \$ 33,759.00 - "Biochemistry of Mechanisms of Action of Antibiotics" - December 1, 1965 - November 30, 1966 - Department of Pharmacology. (AI 06247-03) (144-5692).
- 8) Termination date of grant in support of research entitled "Comprehensive Behavioral Studies" extended from December 31, 1965 to January 31, 1966 - Department of Psychology, Primate Laboratory. (MH 04528-05) (144-5693).
- 9) \$ 34,333.00 - "Growth and Development of Cellular Slime Molds" - January 1, 1966 - December 31, 1966 - Department of Bacteriology. (AI 04915-12) (144-5699).
- 10) \$ 47,304.00 - "A Study of the Coronary Circulation" - January 1, 1966 - December 31, 1966 - Department of Medicine. (HE 07754-03) (144-5702).
- 11) \$ 31,639.00 - "Studies on the Mechanism of Action of Vitamin D" - January 1, 1966 - December 31, 1966 - Department of Biochemistry. (AM 05800-05) (144-5718).
- 12) \$ 37,959.00 - "Chromosome Replication and Function" - January 1, 1966 - December 31, 1966 - Department of Zoology. (CA 03276-09) (144-5723).

EXHIBIT A

Research

66.

- NIH (Contd.)
- 13) \$186,629.00 - In support of Cancer Research Center - January 1, 1966 - December 31, 1966 - Division of Clinical Oncology. (CA 06749-04) (144-5781).
- 14) \$ 17,672.00 - "Myocardial Revascularization Procedures" - January 1, 1966 - December 31, 1966 - Department of Surgery. (HE 08282-03) (144-5793).
- 15) \$ 27,273.00 - "Genetic Studies with Cultivated Mammalian Cells" - January 1, 1966 - December 31, 1966. Department of Medical Genetics. (GM 06983-07) (144-5799).
- 16) \$ 25,600.00 - "Cell Population Kinetics of Genital Tissues"- January 1, 1966 - December 31, 1966 - Department of Gynecology and Obstetrics. (GM 07838-06) (144-5802).
- 17) \$346,435.00 - "Molecular Biology of Membrane Systems" - January 1, 1966 - December 31, 1966 - Institute for Enzyme Research. (GM 12847-02) (144-5830).
- 18) Termination date of grant in support of research entitled "Trace Minerals in Neurological and Psychiatric Illness" extended from March 31, 1966 to August 31, 1966 - Department of Neurology. (NB 01943-07) (144-5853).
- 19) \$ 46,725.00 - "Metabolic Adaptations of Mammals to Changes in Diet" - January 1, 1966 - December 31, 1966 - Department of Biochemistry. (AM 10197-02) (144-6318).

67.

National Science Foundation, Washington, D.C., in support of the following research programs:

- 1) Termination date of grant in support of research entitled "Energy Transfer Measurements at the Earth's Surface" extended to March 31, 1967 - Department of Soils. (GP-2404) (144-5152).
- 2) Termination date of grant in support of research entitled "Molecular Motions in Polymers" extended to December 31, 1966 - Department of Chemistry. (GP-2854) (144-5271).
- 3) \$ 12,000.00 - Additional support for research entitled "Analysis of Crustal Seismic Data" - Approximately 2 years, effective May 1, 1964 - Department of Geology. (GP-2915, Amendment 1) (144-5300).

Research

67. NSF (Contd.)
- 4) Termination date of grant in support of re-
search entitled "Excavation of the White Marl
Site" extended from May 14, 1965 to June 30,
1966 - Department of Anthropology, University
of Wisconsin - Milwaukee. (GS-494) (144-5301).
- 5) \$ 27,700.00 - Additional support for research entitled "Non-
Associative Algebras and Related Topics" for
the period January 1, 1965 - December 31, 1966-
Department of Mathematics. (GP-3993, Amendment
1) (144-5816).
- 6) \$200,000.00 - "Structure and Biosynthesis of Bacterial Cell
Walls" - Approximately 2 years, effective
December 1, 1965 - Department of Pharmacology.
(GB-4552) (144-6488).
- 7) \$ 50,000.00 - "Purchase of an Electron Microprobe" -
December 16, 1965 - December 15, 1966 - De-
partment of Geology. (GP-5523) (144-6511).
- 8) \$ 19,400.00 - "Geometry of Polynomials and Related Functions"
- Approximately 2 years, effective December
15, 1965 - Department of Mathematics, Univer-
sity of Wisconsin - Milwaukee.
(GP-5516) (144-6513).
- 9) \$ 32,700.00 - "Differential Equations and Differential
Operators" - Approximately 2 years, effective
January 1, 1966 - Department of Mathematics.
(GP-5574) (144-6516).

Libraries

1. \$ 175.00 - Mrs. Marion A. Dary, Madison, Wisconsin, given
in memory of her late husband, Burcell B. Dary,
to be used for the purchase of Annual Reviews
of Entomology for the Department of
Entomology. (133-5288).

Physical Plant

1. \$ 60.00 - Press Publishing Company, Sheboygan, Wisconsin,
a gift to be added to the Medical Library
Building Fund. (133-4983).
2. Mr. Stanley Olyniec, Milwaukee, Wisconsin, a
gift of securities having a market value of
approximately \$162.00 under the matching gift
plan of the Washington National Insurance
Company, Evanston, Illinois, to be added to
the fund established for constructing the Elve-
hem Art Center on the Madison Campus. (Trust).

Miscellaneous

1. \$ 300.00 - Anonymous donor, to be added to the Special Letters and Science Trust Fund.
2. \$ 100.00 - Neenah Foundry Foundation, Inc., Neenah, Wisconsin, a contribution to be added to the Katherine Keating Fund to be used in behalf of the children in the Orthopedic Hospital. (133-206).
3. \$ 1,800.00 - Professor Lloyd Kasten, Madison, Wisconsin, an additional contribution to be added to the fund originally accepted by the Regents on January 8, 1955, for the purpose of aiding in the publication of studies and books prepared at the University of Wisconsin Seminary of Medieval Spanish Studies. (133-650).
4. \$ 100.00 - Dr. William Horowitz, Bronx, New York, to be used at the discretion of the Dean of the Medical School. (133-2154).
5. \$ 25.00 - Mr. Joseph V. Swintosky, Philadelphia, Pennsylvania, a gift for use at the discretion of the Dean of the School of Pharmacy. The contribution will be matched by the Smith, Kline & French Foundation Matching Gifts for Education Program. (133-2286).
6. \$103,286.67 - 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. (133-3566).
7. \$ 22.50 - Friends of the late Mary Derr Torphy, given in her memory, additional contributions to an unrestricted fund to be used at the discretion of the Dean of the School of Nursing without regard to the limitations imposed by State fiscal and purchasing procedures and policies. (133-4314).
8. \$ 1,892.50 - The American Physiological Society, Washington, D. C., to defray expenses incurred in connection with editing of the American Journal of Physiology and Journal of Applied Physiology - Department of Zoology. (133-4550).
9. \$ 500.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift from the Oscar Rennebohm Foundation, Inc., Madison, Wisconsin, to be used for the Speech and Hearing Clinic for Handicapped Children conducted by the Speech Department of the College of Letters and Science. (133-4598).

Miscellaneous

10. \$ 600.00 - 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 made to this account. (133-4833).
11. \$ 281.00 - Professors Leo M. Walsh and Marvin T. Beatty, Madison, Wisconsin, representing royalties received from a manuscript entitled "Profitable Management of Wisconsin Soils" to be used for any purpose beneficial to the Department of Soils, as approved by the Dean of the College of Agriculture. (133-4885).
12. \$ 735.06 - University Surgical Associates, Madison, Wisconsin, to be added to an unrestricted fund in the Division of Clinical Oncology to be used for any purpose at the discretion of the Director without regard to the limitations imposed by state purchasing or fiscal procedures or regulations. (133-4897).
13. \$ 735.06 - University Surgical Associates, Madison, Wisconsin, to be added to an unrestricted fund in the Department of Surgery to be used at the discretion of the Chairman without regard to the limitations imposed by state fiscal or purchasing procedures and regulations. (133-4898).
14. \$ 50.00 - Ar-Ex Products Company, Chicago, Illinois, an additional gift for the support of the Contact Photosensitivity Clinic of the Department of Medicine - Dermatology. (133-4911).
15. \$ 3,500.00 - The Procter & Gamble Company, Cincinnati, Ohio, an unrestricted grant to the Chemistry Department. (133-4944).
16. \$ 750.00 - American Meat Institute Foundation, Chicago, Illinois, additional contribution to defray travel expenses incurred during trips to and from California, expenses being limited to \$16 per diem in lieu of receipts - Department of Meat and Animal Science. (133-5221).
17. \$ 50.00 - Mount Sinai Hospital, Inc., Milwaukee, Wisconsin, given in memory of the late Leo Steppat, to be used to purchase a piece of Mr. Steppat's sculpture. (133-5279).
18. \$ 100.00 - International Selling Corporation, New York City, a gift to be used by The French House, Inc., for the building of the new French House. (133-5286).

Miscellaneous

19. \$ 48,594.00 - The National Foundation, New York City, for the support of the continued operation of the Birth Defects Clinical Study Center at the University of Wisconsin Medical School for the period January 1, 1966, through December 31, 1966. (133-5272 and 133-5287).
20. \$ 500.00 - American Council of Learned Societies, New York City, a grant to be used by the Department of Sociology for expenses incurred in connection with a Visiting Fellow supported directly by the donor. (133-5291).
21. \$ 1,800.00 - Trustees of the Land Economics Foundation of Lambda Alpha, a donation to the Land Economics magazine as "the professional journal that best represents the viewpoints and ideals of said fraternity," to be used toward the defraying of its publication costs. (133-5310).
22. \$ 20,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by the Oscar Rennebohm Foundation, Inc., Madison, Wisconsin, to be added to the Hilldale Fund previously accepted by the Regents. (Trust - Income).

Gifts-in-Kind

1. Lloyd E. Smith, Racine, Wisconsin, a gift of 200 volumes to the Memorial Library. The collection has been evaluated by the Director of the Library at approximately \$525.00.
2. Oscar Mayer & Co., Madison, Wisconsin, meat products having a value not to exceed \$10,000 to be used for research and educational purposes by the various departments of the University during the calendar year 1966.
3. Mr. and Mrs. Erich Cramer Stern, Milwaukee, Wisconsin, a gift to the Art History Department of the University of Wisconsin - Milwaukee of a 1954 print of "Children of Niobe" by Stanley William Hayter, given in memory of the late Henry Stern. The print has been appraised by the donor at approximately \$70.
4. Radio Station WEMP, Milwaukee, Wisconsin, a gift to the Instructional Communication Center at the University of Wisconsin - Milwaukee of a transistorized portable tape recorder valued at approximately \$100.

Gifts-in-Kind

5. Mr. and Mrs. Joseph W. Howard, Missoula, Montana, in behalf of their late son, Dr. Robert R. Howard, former Associate Professor at the University of Wisconsin - Milwaukee, and in his memory, a gift to the University of Wisconsin - Milwaukee, of Dr. Howard's personal library of musical materials and literature, consisting of:
1. Tapes and records for the Department of Music Library in the School of Fine Arts;
 2. Diverse publications to the Library of the University of Wisconsin - Milwaukee;
 3. Diverse publications to the Department of Anthropology of the College of Letters and Science;
 4. A collection of archeological slides for the Department of Anthropology of the College of Letters and Science.
- The donors have evaluated the collection at \$100.
6. Estate of Willard Motley, Chicago, Illinois, a gift of letters and manuscripts appraised by the Director of the Memorial Library at \$500.
7. Sheldon Harnick, New York City, a gift of manuscripts and papers, to be housed in the Manuscript Division of the State Historical Society of Wisconsin. The material has been independently appraised at \$14,750.
- (Accepted by the Secretary of the Regents on December 29, 1965 in accordance with Regent action on January 12, 1957.)
8. Joseph Stein, New Rochelle, New York, a gift of manuscripts, plays, books, sketches, reviews, and similar properties, to be housed in the Manuscript Division of the State Historical Society of Wisconsin. The material has been independently appraised at \$11,975.00.
- (Accepted by the Secretary of the Regents on December 29, 1965 in accordance with Regent action on January 12, 1957.)
9. Dr. Milton Senn, New Haven, Connecticut, a gift of 21 medical books to the Medical Library. The Medical Librarian has evaluated the collection at approximately \$761.

Gifts-in-Kind

10. Emeritus Professor James G. Woodburn, Madison, Wisconsin, the gift of his personal professional library of hydraulic engineering, water resources, engineering law books, and professional society transactions, to be shelved in the Department of Civil Engineering for use in the Hydraulics and Sanitary Division and Water Resources Library. The donor estimates the value of the collection at \$667.
11. Ford Motor Company, Lincoln-Mercury Division, Dearborn, Michigan, a gift of a 1964 Fairlane four-door Sedan, 060T851, Engine No. 4F42C214558, for use in the University's safety research program. The car will be used in a crash program and will be rendered scrap at the end of the experiments.
12. University of Wisconsin Foundation, Madison, Wisconsin, the gift of a full-length portrait of Asa Clapp by John Wesley Jarvis, donated by Mr. Monte Appel of Washington, D. C. The portrait has been independently appraised at \$3,000.00.
13. Sally Spencer Greenleaf, Tucson, Arizona, a gift made in accordance with her pledge of December 1, 1960, constituting a seven and one-half per cent (7.5%) undivided interest in the property described in the deed. (Mrs. Greenleaf's remaining interest in the property is an undivided 22.43%.)

GIFTS, GRANTS, AND U.S. GOVERNMENT CONTRACTS

February 4, 1966

	Items Processed 12/28/65 through 1/21/66 to be <u>accepted 2/4/66</u>	Items Processed 12/24/64 through 1/25/65 accepted <u>2/5/65</u>
Unrestricted	55.00	188.00
Instruction	427,134.33	530,920.00
Student Aid	885,040.50	60,697.84
Research	2,852,671.19	2,388,911.22
Libraries	175.00	255.00
Physical Plant	60.00	8,892.20
Miscellaneous	185,721.79	153,290.23
Gifts-in-Kind	<u>42,448.00</u>	<u>19,368.75</u>
Totals - February	\$ 4,393,305.81 ^{1/}	\$ 3,162,523.24 ^{2/}
Previously Reported	<u>34,446,037.29</u>	<u>28,400,848.37</u>
Grand Totals	\$38,839,343.10	\$31,563,371.61

1/ Includes \$3,649,595.50 from Federal Agencies.

2/ Included \$2,631,479.00 from Federal Agencies.

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS
AND OF INFORMATIONAL ITEMS
TO THE BOARD OF REGENTS

February 4, 1966

I. Memorandum Agreements - University of Wisconsin Press

<u>Title of Publication</u>	<u>Author</u>
WORKS OF WASHINGTON IRVING	The Editorial Board of the Complete Works of Washington Irving
THE AFRICAN TRAVELERS: Personal Narratives of West Africans in the Era of the Slave Trade	Philip D. Curtin, Editor

II. Budget Transfers

<u>From</u>	<u>To</u>	<u>Amount</u>	<u>Purpose</u>
1-AH Madison Chancellor's Unassigned	1-AH Radio & TV Capital - Ext. & Public Service	\$ 5,638	Purchase of closed circuit Instructional Television equipment
1-AH Madison - Chancellor's Unassigned	1-AH Physical Plant Capital - Phys.Pl.	\$ 3,000	Purchase of equipment for health physics program
1-AH Madison - Chancellor's Unassigned	1-AH Madison Gen.Educ. Admin. Capital-Gen.Admin.	\$ 613.48	Furnishing of space for expanding Office of International Studies and Programs
1-AH Madison - Chancellor's Unassigned	1-AH Madison Gen. Educ. Admin. Sup.&Exp.-Gen.Admin.	\$ 2,500	Making a traffic study by an outside consultant
1-AH Madison - Chancellor's Unassigned	1-AH School of Home Econ. Sal.&Wages-Instr.	\$ 1,200	A study of the nursery school program in the Eagle Heights area
1-AH UW-Milwaukee Improvement Contingent	1-AH UW-Milwaukee Various budgets	\$61,700	Improving library service, support for projects in Milwaukee's Inner Core Area, and support for the Summer Session and Graduate School programs.
1-AH UW-Milwaukee Chancellor's Unassigned	1-AH UW-Milwaukee Business Office Planning & Development Computer Center	\$14,950	Forms revision, printing of campus plan, copying service, and a raised floor for the Computing Center

EXHIBIT B

II. Budget Transfers (Contd.)

<u>From</u>	<u>To</u>	<u>Amount</u>	<u>Purpose</u>
1-AH Agriculture Sal.&Wages- Aux.Ent.	1-AH Agriculture Sup.&Exp.- Aux.Ent.	\$ 18,000	Payment to contract seed growers for large harvest of corn and small grains
1-AH Law School Sal.&Wages- Instr.	1-AH Law School Sup.&Exp.- Instr.	\$ 2,490	Services of local attorneys as Trial Court Judges and special instructor
1-AH Summer Sessions Sup.&Exp.-Instr.	1-AH Summer Sessions Capital-Instr.	\$ 1,000	Purchase of background books and sample instructional equipment
1-AH Madison - Chancellor's Unassigned	1-AH Madison-Gen.Educ. Admin. Secy.of Faculty	\$ 600	Purchase of furniture and equipment to service the Divisional Committees
1-AH President's Unassigned	1-AH Letters & Science Capital-Instr.	\$ 10,000	Purchase of books for the Department of Humanities
1-AH Letters and Science Sal.&Wages-Instr.	1-AH President's Unassigned	\$151,300	To transfer excess salary savings to President's Unassigned
1-AH UW-M Letters & Science Sal.&Wages-Instr.	1-AH UW-M Letters & Science Capital-Instr.	\$119,561	Purchase of equipment items for use in Lake Studies
1-AH President's Unassigned	1-AH UW-M Letters & Science Capital-Instr.	\$101,300	Purchase of equipment items for use in Surface Studies
1-AH President's Unassigned	1-AH UW-M Library Capital-Libraries	\$ 50,000	Purchase of books

President's Unassigned Balance \$84,029

III. Report of Actions Taken - Property Purchases

1. Southeast Dormitory Area

The following property was recently acquired and represents the last parcel to be acquired in the original Southeast Dormitory Area:

Mr. and Mrs. Daryl S. Mather
309 North Lake Street - Parcel #147-28 \$26,200.

III. Report of Actions Taken - Property Purchases

2. Approved Campus Expansion Area

Pursuant to authority granted by the Regents, and subject to the approval of the Governor and clearance of title by the Attorney General, the following purchases of property by the Regents in the approved campus expansion area have been agreed upon; chargeable to the budget allocation for purchases in the expansion area. These purchases were approved by the State Building Commission on January 17, 1966:

- a. Maud Tarr Estate
414 North Lake Street - Parcel #143-14 \$39,525.00
- b. Orlando Richards and Robert A. Rosenthal
1425 Monroe Street - Parcels #585-5.2 & 6 \$29,525.00

3. Site for Trout Lake Biological Research Station

The University of Wisconsin acquired the following described lands from the State Conservation Commission pursuant to Chapter 340, Laws of 1965, for a total consideration of \$25,000 to be used as a site for the Trout Lake Biological Research Station:

Government Lots 4 and 6, Section 19, Township 41 North,
Range 7 East, Vilas County, Wisconsin.

IV. Report of Actions Taken - Miscellaneous

Memorandum of Agreement, dated January 14, 1966, signed with Rock County, Wisconsin, covering operation and maintenance of the facilities for the Rock County University Center, effective July 1, 1966, and extending for an indefinite period. (Pursuant to Regent authorization of November 12, 1965.)

V. Report of Actions Taken by Wisconsin State Building Commission on October 12, 1965, Affecting the University

1. Authorized the allotment of \$7,500 of State Building Trust Funds and authorized the obtaining of appraisals and negotiation to purchase available properties within the limits of the Madison Campus. (Release 1668)
2. Authorized construction of a series of buildings and improvements at various experimental farms, financed by \$329,000 of Hill Farm Receipts. (Authorization A-391)
3. Allotted \$634,000 of State Building Trust Funds for design and construction of various utility projects on the Madison Campus, subject to Bureau of Engineering review and approval. (Release 1668) (See also Release 1674 - \$500,000 to 2 specific projects).

V. Report of State Building Commission Actions - October 12, 1965 (Contd.)

4. Allotted \$200,000 of State Building Trust Funds for construction of a Life Saving Station on the Madison Campus, subject to further Subcommittee review and approval. (Release 1668)
5. Allotted \$286,474 of State Building Trust Funds for remodeling and repair projects on the Madison Campus, subject to Bureau of Engineering analysis and further Subcommittee approval. (Release 1668)
6. Authorized the planning and construction of the Group 900 Married Student Apartments at a project cost of \$3,840,000. (Authorization A-392)
7. Adopted a resolution authorizing Wisconsin State Agencies Building Corporation to enter into leases and subleases with the Regents with respect to the interim financing (Phase II of 1965 - \$15,500,000 in total) of the following projects for the University: South Lower Campus Project, Numerical Analysis and Statistics Building, and Physical Education Building, Stage II.
8. Allotted \$270,000 of State Building Trust Funds as an advance to Wisconsin State Agencies Building Corporation, to give the Corporation flexibility as to the time the money is drawn for the foregoing interim financing to take advantage of the most favorable interest rates.

(For Report of Actions Taken October 4, October 19, October 21, and October 29, 1965, see Regent Board Minutes of January 7, 1966)

VI. Report of Actions Taken by Wisconsin State Building Commission on December 13, 1965, Affecting the University

The stated purpose of this meeting was to discuss a variety of policy and procedural matters as they affect the State Building Commission and the State building program. A four-point procedure was described to be used in developing the 1967-69 higher education building program, as follows:

1. Preparation of a statement of educational policies and plans which would enunciate educational policies, define the role of each collegiate institution, and develop an academic plan for each.
2. Preparation of standard technical data, such as enrollment projections, space guidelines and an inventory of existing and authorized physical facilities.
3. Development of the 1967-69 building program, giving an overall view of the facilities requested, an analysis sketch of each project, and final priority recommendations by the Coordinating Committee.
4. Development of institutional physical facility plans.

VI. Report of State Building Commission Actions - December 13, 1965 (Contd.)

Consideration was then given to specific policy questions raised by the Department of Administration regarding state building program procedures and the role of the Bureau of Engineering in carrying out this program.

It was voted that the next meetings of the Building Commission would be held on January 17, February 14, March 14, and April 11, 1966.

Proposal to Establish a School of Architecture
at the University of Wisconsin-Milwaukee

Architecture is increasingly being recognized as both an art and a science which fulfills human objectives of society. As such it draws upon the humanities, social sciences, and natural sciences for its goals and principles. Engineering and art are the means of implementation. Itemization of course work contained in needed educational preparation most closely identifies architectural studies with a broad interdisciplinary and multidisciplinary program that cuts across and is not limited to any particular school or college.

It is proposed that a four-year undergraduate program of studies be initiated at the University of Wisconsin-Milwaukee, in the 1967-69 biennium leading to the degree of Bachelor of Arts or Bachelor of Science in Architectural Studies and that it be followed in the 1969-71 biennium by a two-year Master's degree in Architecture.

To this end it is proposed that a School of Architecture be established in the University of Wisconsin to be located at UWM.

There will be close cooperation between the proposed School of Architecture at UWM and the graduate program in Environmental Design, previously approved for the Madison Campus.

Following is a possible suggested study program identifying specific course requirements for the degree program.

SUGGESTED STUDY PROGRAM
leading to
B.A. or B.S. - ARCHITECTURAL STUDIES

Freshman Year

Math 231 - Calculus	4 cr.	Math 232 - Calculus	4 cr.
Engl 101 - Freshman Engl	3	Engl 102 - Freshman Engl	3
Art 101 - Basic Drawing	3	Art 102 - Basic Drawing	3
Art Hist 101 - Ancient & Medieval Art	3	Physics 210 - Mechanics	4
Electives	<u>3</u>	Electives	<u>3</u>
	<u>16 cr.</u>		<u>17 cr.</u>

Sophomore Year

Art 131 - Creative Design	3 cr.	Art 132 - Creative Design	3 cr.
Mech 101 - Statics	3	Eng Draw 101 - Arch. Draw.	3
Physics 211 - Electricity & Magnetism	3	Mech 111 - Mech. of Materials	3
Art Hist 331 - American Arch.	3	Physics 212 - Heat, Waves, Sound & Optics	3
Electives	<u>3</u>	Art Hist 339 - Modern Arch.	<u>3</u>
	<u>15 cr.</u>		<u>15 cr.</u>

Junior Year

Architectural Design I	3 cr.	Architectural Design II	3 cr.
Structural Analysis	3	Structures - Steel	4
Materials of Construction	3	Landscape Design	3
Electives	<u>6</u>	Electives	<u>6</u>
	<u>15 cr.</u>		<u>16 cr.</u>

Senior Year

Architectural Design III	5 cr.	Architectural Design IV	5 cr.
Structures - Concrete	4	Illumination & Electrical Equip. of Bldgs.	2
Mechanical Equip. of Bldgs.	4	Building Materials & Methods of Construction	3
Elective	<u>3</u>	Professional Practice	2
	<u>16 cr.</u>	Electives	<u>3</u>
			<u>15 cr.</u>

Total Credits -- 125

1. Electives are to contain a minimum of one introductory course in psychology, physiology, logic, statistics, economics, and sociology.
2. Course descriptions for the third and fourth years are contained in Appendix A.

Implementation

Additions to existing faculty, staff, and facilities required to implement the program are summarized below. Program initiation is based on the following schedule of anticipated enrollments:

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
Freshmen	25	50	60	70	75	75
Sophomores	--	20	40	50	60	65
Juniors	--	--	15	30	45	55
Seniors	--	--	--	15	30	45
1st year master's program	--	--	--	--	12	25
2nd year master's program	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>10</u>
Total in Program	25	70	115	165	222	275

Faculty:

Coursework for the first two years is satisfied almost entirely from existing university offerings. Faculty expansion to accommodate upper-class and graduate offerings are:

<u>Subject Area</u>	<u>1967-1969</u>	<u>1969-1971</u>
Architectural Design	1 1/2 FTE	4 FTE
Related Architectural Subjects	<u>1 1/2 FTE</u>	<u>5 FTE</u>
TOTALS	3 FTE	9 FTE

Staff:

One full-time secretary plus one half-time departmental assistant is required for 1967-69. One and one-half time secretarial assistance plus a full-time departmental assistant is needed for 1969-71.

Facilities:

	Square Feet of Assignable Space	
	<u>1967-69</u>	<u>1969-71</u>
Classrooms	1,200 sf	2,400 sf
Design Studios	2,700	10,000
Workshop	600	1,200
Departmental	<u>1,000</u>	<u>2,000</u>
TOTALS	5,500 sf	15,600 sf

Budget

The following budget represents that portion of the total program actually administered by the Department of Architecture.

	<u>1967-1969</u>		<u>1969-1971</u>	
	<u>Capital Equipmt</u>	<u>Salaries & Services</u>	<u>Capital Equipmt</u>	<u>Salaries & Services</u>
Salaries				
Faculty		75,000		190,000
Staff		14,000		24,000
Services, Communications, travel supplies, reference documents, and misc.		9,000		17,000
Capital Equipment -- furniture, office machines, lab equip.	<u>9,500</u>	<u> </u>	<u>18,000</u>	<u> </u>
TOTALS	<u>9,500</u>	<u>98,000</u>	<u>18,000</u>	<u>231,000</u>
Total for 1967-69 biennium		107,500		
Total for 1969-71 biennium				249,000

Course Descriptions

All first and second year courses are current university offerings.

Third Year:

ARCHITECTURAL DESIGN I - 3 cr.

A laboratory-lecture course designed to introduce students to the problems of three-dimensional expression of functional and visual relationships among building elements. Studio work to culminate in solutions to design problems expressed in perspective, detail, and plan drawings.

ARCHITECTURAL DESIGN II - 3 cr.

A continuation and extension of Architectural Design I, with increasing complexity of design problems. Additional media of design expression such as models and photography to be included.

STRUCTURAL ANALYSIS - 4 cr.

Determination by graphical and analytical methods of reactions, internal forces, and bending moments in beams, trusses and simple frames under fixed and movable loads; influence lines and criteria for positioning of loads; introduction to indeterminate structures.

STRUCTURES - STEEL - 4 cr.

Principles of stress determination and proportioning of structural members and connections; background of specification requirements; correlation of theory and practice; welded, bolted, riveted connections; plate assemblies and orthotropic systems.

MATERIALS OF CONSTRUCTION - 3 cr.

Lab and recitation on the physical characteristics of metals and non-metals.

LANDSCAPE DESIGN - 3 cr.

General principles of landscape design with emphasis on the relationship of landscape architecture to other environmental design disciplines.

Fourth Year:

ARCHITECTURAL DESIGN III - 5 cr.

Expression of influencing factors in architectural design such as principles of structures, construction methods, materials, economics, functional needs, and sociological requirements.

ARCHITECTURAL DESIGN IV - 5 cr.

(Continuation and expansion of Architectural Design III.)

STRUCTURES - CONCRETE - 4 cr.

Analysis and proportioning of reinforced concrete members; direct flexural, and shearing stresses and methods of resisting them.

ILLUMINATION AND ELECTRICAL EQUIPMENT OF BUILDINGS - 2 cr.

A survey and study of visual requirements for occupational spaces within buildings and the relationships to electrical means of satisfying these requirements in contemporary architecture. Electrical service systems and related electrical equipment are also covered.

MECHANICAL EQUIPMENT OF BUILDINGS - 4 cr.

Mechanical services required to fulfill human occupancy requirements in buildings are studied for methods of satisfying the design objectives with implications toward economics, technology, and performance.

BUILDING MATERIALS AND METHODS OF CONSTRUCTION - 3 cr.

Review of physical properties of contemporary construction materials in relation to satisfying building economic and durability objectives. Interrelationships between construction methods and materials of construction are to be emphasized.

PROFESSIONAL PRACTICE - 2 cr.

A compendium and summarization of administrative requirements involved in professional practices. Emphasis is to be placed on procedures and methods applicable to any one of a number of design, engineering, or consulting type professional services.

1/31/66

Report and Recommendation to the Regents of the University of
Wisconsin on President Johnson's 1967 Fiscal Year Budget Proposals

While President Johnson's 1967 budget proposals would increase federal support of higher education over current levels, the progress proposed is considerably short of the goals originally contemplated, and the reductions proposed in Land-Grant College appropriations seriously threaten this most successful of all federal educational support programs.

INCREASES RECOMMENDED

The President's total budget for the fiscal year which begins next July 1 contains \$3.8 billion for higher education, including university-based research.

Yet, in many instances, appropriations recommended are below those authorized in enabling legislation. In others--mainly programs involving loans for students or construction--federal loan funds are to be replaced by federal guarantees of private loans, thus reducing the appropriation without reducing the service.

Funding for the Higher Education Act of 1965 is set at \$475.2 million, an increase of \$232.4 million, but well below the level authorized in the Act. The Higher Education Facilities Act is budgeted at \$722.7 million, a \$90 million increase but all in the loan fund portion of the Act.

The National Science Foundation appropriation is proposed at \$525 million, an increase of more than \$45 million. National Institutes of Health is budgeted at \$1.3 billion, up \$58.4 million. The new National Foundation on the Arts and Humanities is scheduled to get \$15.9 million, an increase of \$9.2 million.

The State Technical Services program is funded at \$8 million, up \$4.5 million. Within the Higher Education Act, Title I funds for community service and continuing education programs are budgeted at \$20 million--up \$10 million, but below the \$50 million authorized.

In some measure, all of these increases and some in other federal programs may be reflected in University of Wisconsin operations for the 1966-67 fiscal year. The amount of increase will depend on specific programs the University seeks to initiate or expand.

DECREASES RECOMMENDED

The University would suffer two specific fund decreases if the President's budget were approved in its present form:

1. The annual Land-Grant College appropriation for resident instruction is reduced from \$14.5 million to \$2.5 million, a cut of \$12 million, which, for the University of Wisconsin, would be a reduction of \$293,930 in instructional funds, of which \$118,168 would be in the College of Agriculture, \$116,609 in Engineering and \$59,153 in several departments of the College of Letters and Science. Only \$50,000 of "permanent" appropriations would remain in the entire UW Land-Grant instructional budget.

2. Agricultural Research grants, distributed under the Hatch Act through the U. S. Department of Agriculture, are reduced about 18 per cent to \$39.6 million, a reduction of \$203,500 for our own Agricultural Experiment Station grant; in addition, no budget is provided in 1967 for Experiment Station facilities, though \$12 million per year is authorized. Further, three cooperative research projects receiving funds directly from the U. S. Department of Agriculture would be terminated. Two of these are on particularly serious problems, (1) corn diseases, and (2) respiratory diseases of turkeys apparently related to air-borne dusts. (Wisconsin now ranks second among the states in turkey production.)

3. A third change proposed in the budget would affect our Cooperative Extension funds. While the total in this category is not decreased in the President's budget, 11 per cent of the current allocation would be earmarked--most of it for rural resource development, some for work with low-income families.

POLICY CHANGES IN THE BUDGET

In total, federal support for higher education, and undoubtedly for the University of Wisconsin, would increase under the budget recommendations of the President. But the federal policy changes indicated in the budget could have serious long-range consequences for our state and nation, as well as for this University. These immediate effects are evident in the budget proposal:

1. Reduction (practically elimination) of Land-Grant instructional support at a time when enrollments are increasing at their greatest rate;
2. Singling out of Agriculture for the major reductions though agricultural progress remains one of the world's primary problems;
3. Substitution of project support for general research support--to some extent substituting Washington judgments for Wisconsin judgments;
4. Loss of University flexibility in instruction, research, and extension programs; and reduction of the University's ability to originate programs of special importance to its state;
5. Virtual abandoning of the nation's most successful and traditional (dating from Abraham Lincoln) system of federal support for higher education.

RECOMMENDATIONS OF THE UNIVERSITY ADMINISTRATION TO THE REGENTS

It is recommended that the Regents of the University of Wisconsin:

1. Adopt the following basic principles in regard to federal support of the University of Wisconsin:

A. We seek balanced support for instruction, research, and extension; for the humanities, the social sciences, the natural sciences; for basic work as well as applications, both the practical and the theoretical; for all campuses and all fields of human endeavor;

B. We seek shared programs with federal, state, and (where applicable) local contributions and control;

C. We seek major institutional support, along with project grants, to enable the University to build and to continue programs best suited to this University and most useful to this state.

2. Request members of the Wisconsin delegation in the Congress to:

Seek restoration of the Land-Grant instructional funds, the agricultural research funds, and the flexibility of cooperative extension funds, in the 1967 federal budget.

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TO: University of Wisconsin Board of Regents

FROM: Glenn S. Pound, Dean, College of Agriculture
R. J. Muckenhirn, Associate Director, Agricultural Experiment Station

SUBJECT: Proposed Cut in Federal Funds for the College of Agriculture

President Johnson's budget as presented to Congress proposes a cut of \$203,500 in Hatch Act Funds for agricultural research at the University of Wisconsin. It also includes a cut of \$118,168 in instructional funds and a transfer of 11% of our Cooperative Extension Service funds to project grants earmarked for work with low-income families and resource development programs. This statement summarizes - I. Needs for the research affected by these proposed cuts, and II. Details of how the cut would affect our current operations.

I. NEEDS FOR THE FUTURE

One year ago the College of Agriculture at the University of Wisconsin started an analysis of (1) the prospective changes in the state's economy that impinge upon agriculture, and (2) modifications needed in our College to meet these changes. The first part of this project has been completed. Several salient points stand out in this report which we feel are sharply inconsistent with the philosophy implied in the proposed federal budget changes:

A. National population will increase by about one-third in the next 15 years (predicted 34% increase in Wisconsin). Our food production will have to increase by roughly the same amount for domestic consumption. For the world, it has been estimated that by the year 2000 we will need to quadruple aggregate food output to bring to adequate levels the diets of the world population at that time. At current rates of increase in food production worldwide, output will reach only about one-half of that needed to quadruple output by 2000.

In the United States, the amount of land allocated to food production has been on the decrease due to competing uses. We must therefore raise more food on fewer acres. Further, we are reaching a point where certain particular practices become critical to success in increasing the amount of food energy raised on a given unit of land. We do not have enough understanding of these critical elements (for example, efficiency of protein conversion). Because of increasing populations and because of some fundamental shifts in production technology, it is quite clear that it would be a mistake to markedly decrease the outstandingly successful research and educational programs of the Land-Grant Colleges of this country.

B. Agriculture is becoming increasingly specialized but the industries related to agriculture continue to involve about 40 per cent of our total economy. Research, education, and extension in agriculture are now concerned with complex biological and physical inputs into production, with processing and manipulation of natural products, with systems analysis, including marketing, with food safety, and with the welfare of people dislodged by change. Industry is assuming greater responsibility for technological development than in the past. But it continues to draw on agricultural colleges for fundamental knowledge and, equally important, for educated specialists and for current information on technology. There is, in fact, a chronic shortage of graduates competent to deal with the problems now being met in industry and government service.

C. As our society becomes more complex and as our population increases, (1) we are using larger amounts of natural resources per capita and (2) we are polluting soil, water, and air, thus lowering quality of these resources. Colleges of Agriculture are (a) carrying heavy responsibility for research on natural resource problems, and (b) distributing to the public information from research on conservation and preservation methods, and (c) educating the scientists and specialists of tomorrow in resource management.

II. DETAIL OF HOW THE CUT WOULD AFFECT OPERATIONS AT THE UNIVERSITY OF WISCONSIN

A. Research

A 17.7% reduction amounting to \$8.5 million is proposed for 1966-67 in research funds provided under the Hatch Act to all state agricultural experiment stations. The allotment to each state is computed from a formula which takes into account the state's farm and rural populations. In Wisconsin the total allocation is \$1,153,000 this fiscal year. The proposed cut would be \$203,500.

Research supported by Hatch funds is directed at problems of crop and livestock production, economic and social adjustment in rural areas, nutrition and disease control, new food products, home economics, agricultural marketing, pesticide hazards, and natural resource management. Historically, research from these funds has helped raise Wisconsin to the leading dairy state in the nation, to first in vegetable crops for processing, and to a leading position in production of meat animals, and in resource conservation.

The money as allocated is interwoven with other funds. It helps support salaries of tenured staff, research assistants, and supplies and expenses for laboratory and field projects. Specifically, at this University the Hatch Act provides partial support for 125 research projects, 134 graduate research assistants and 71 faculty members. Fifty projects in a regional system of research planning and coordination involving 13 North Central States also depend on these Hatch Funds. Cuts would come from among these projects.

Further, these cooperative research projects receiving \$86,000 directly from the U. S. Department of Agriculture would be terminated. Two of these are on particularly serious problems; namely, (1) corn diseases, and (2) respiratory diseases of turkeys apparently related to air-borne dusts (Wisconsin now ranks second among the states in turkey production). These federal funds make it unnecessary for our Agricultural Experiment Station to undertake all this work but the cuts proposed would appear to place more responsibility on the state for trying to solve these problems.

B. Instruction

The proposed reduction of \$112,076 in Morrill Nelson funds would affect the salaries of the teaching staff in 12 departments in the College of Agriculture and 4 in Home Economics. Twenty-eight faculty members are involved. They carry a major share of the teaching responsibilities in departments with substantial student enrollment, such as Bacteriology, Agronomy, Dairy Science, and Agricultural Engineering. These positions cannot be terminated and funds will have to be secured from state or other sources to offset this Morrill-Nelson reduction. In most cases the salaries are for Professors and Associate Professors having tenure.

It is notable in this case that the proposed cut almost eliminates the appropriations for teaching in the Land-Grant Colleges, appropriations made continuously and with great benefit to the national welfare for nearly a century. Not only the College of Agriculture will be affected on our campus. The College of Engineering would lose \$116,609 and the College of Letters and Science \$59,153 under the proposed reductions.

C. Extension

The President's budget would not decrease the federal appropriations for Cooperative Extension but would set aside \$10,000,000 or 11% for specific projects to aid low-income families and to accelerate rural resource development. While Wisconsin has used a substantial amount of its current funds, and while we favor these two types of work, we do not favor the earmarking of funds and allocation only through project applications. These projects are likely to be of short duration, for specific purposes, and limited in their scope. They would, therefore, reduce significantly the freedom and initiative of our extension workers and would tend to increase federal control of our efforts to solve local problems, and thereby hinder rather than aid extension in two vital areas of need.

2-3-66

Report to the Regents of the University of Wisconsin on the Enrollment
of Non-Resident Students

The question of limiting the enrollment of non-resident students in the University of Wisconsin (and the State Universities) has been raised in both the State Building Commission¹ and in the Coordinating Committee for Higher Education.²

Both reports cite the educational value of a cosmopolitan student body; both suggest the establishment of a ratio of residents to non-residents, mainly on economic grounds. Both are statistical studies, based largely on state-to-state student migration data of 1963, the year before Madison campus out-of-state freshman enrollment controls were installed.

THE GOALS OF THE UNIVERSITY OF WISCONSIN

The University of Wisconsin deals in knowledge (which knows no state boundaries) and its many applications, primarily to enhance the lives and the livings of the people within the boundaries of Wisconsin.

Through research, through various specialized services, but mainly through training to their highest potential the young people of Wisconsin, the University of Wisconsin benefits its state.

So well has it done these things that it has drawn some of the greatest minds in all the world to its faculty; and some of the outstanding students in all the world to study with them. And it has drawn financial support from diverse sources, too. Today, only a little more than a third of its total operating budget comes from State Tax appropriations.

¹Memorandum from Roger L. Schrantz to Members of the State Building Commission, January 14, 1966

²CCHE Working Paper #3, January 1966

Yet the University of Wisconsin continues to concentrate on serving Wisconsin, and always will.

To keep its services to Wisconsin at highest quality, however, it must be free to draw upon diverse sources of talent and support, and include among its students a broad range of backgrounds.

THE SITUATION, PAST AND PRESENT

Current concern about out-of-state enrollments derives in part from a statistical imbalance in out-bound and in-bound students, in part from the fact that some other states have not prepared adequately for the current nation-wide demand for higher education. The policy question is raised, in both reports, for future planning purposes.

Student Migration

The migration of students into Wisconsin for education has increased in recent years. In 1949, considerably more Wisconsin students went out-of-state for higher education than the number of non-residents educated in Wisconsin. By 1963 (the latest year for which migration data now is available) this situation was reversed. Only in the area of professional education (mainly law, medicine, dentistry, veterinary science) is there a net out-migration of students according to the 1963 study.

The following tables include only migrations within the states; overseas student migrations are not included since there are no adequate data available. Net in-migrations are shown (a negative in the table is a net out-migration).

<u>Fall</u>	<u>Total Students</u>	<u>Undergrads</u>	<u>Professional</u>	<u>Graduate</u>
1963-64	4,781	4,858	-364	287
1958-59	749	758	-374	365
1949-50	-2,508	not available		261

The major in-migration balance is in undergraduates from Illinois. The major out-migration balance is in professional students to Illinois and Minnesota.

Non-Residents at the University

In the past decade, there has been a gradually increasing percentage of non-resident undergraduate students enrolled in the University, mainly on the Madison campus. However, the present ratio (16.5 per cent, system-wide) is considerably below that in pre-depression years (1910-11, 26.4 per cent; 1920-21, 29.2 per cent; 1930-31, 27.3 per cent.)

The following table indicates undergraduate first semester enrollment according to permanent home address:

Year	Total Univ.			Madison			Milwaukee			Centers		
	Enroll.	Non-Res. No.	%	Enroll.	Non-Res. No.	%	Enroll.	Non-Res. No.	%	Enroll.	Non-Res. No.	%
1965-66	36,813	6,079	16.5	20,884	5,871	28.1	11,159	143	1.3	4,770	65	1.4
1964-65	32,078	5,246	16.4	18,711	5,104	27.3	9,929	118	1.2	3,438	24	0.7
1963-64	29,919	4,932	16.5	17,795	4,816	27.1	9,029	93	1.0	3,095	23	0.7
1962-63	27,336	4,256	15.6	16,066	4,134	25.7	8,346	100	1.2	2,924	22	0.8
1961-62	25,307	3,735	14.8	14,936	3,645	24.4	7,777	73	0.9	2,594	17	0.7
1960-61	23,235	3,523	15.2	13,965	3,427	24.5	7,104	88	1.2	2,166	8	0.4
1959-60	21,656	2,795	12.9	12,932	2,738	21.2	6,768	51	0.8	1,956	6	0.3
1958-59	20,598	2,434	11.8	12,311	2,394	19.4	6,576	37	0.6	1,711	3	0.2
1957-58	19,776	2,215	11.2	12,154	2,172	17.9	6,167	38	0.6	1,455	5	0.3
1956-57	19,695	2,128	10.8	12,306	2,075	16.9	5,865	49	0.8	1,524	4	0.3

The above figures include foreign students. In 1965-66, for example, there were 318 undergraduates with permanent home addresses in a foreign country; removing these from the non-residents would give a ratio of 15.6 per cent of students from states other than Wisconsin.

If the residence for fee purpose were used instead of home address, 315 students with permanent home addresses in Wisconsin would be added to the non-residents, and the ratio would increase to 17.4 per cent in 1965-66.

The residence for fee purpose is used in the following breakdown of non-resident enrollment by class:

First Semester	Total Univ.				Madison				Milwaukee				Centers	
	Sr.	Jr.	Soph.	Fresh.	Sr.	Jr.	Soph.	Fresh.	Sr.	Jr.	Soph.	Fresh.	Soph.	Fresh.
1965-66	17.8	19.9	18.9	16.2	23.1	26.9	30.9	33.2	1.5	1.3	1.2	1.5	0.4	1.1
1964-65	17.1	19.2	18.8	16.4	22.5	26.2	29.8	32.1	1.4	1.1	1.1	1.5	1.2	0.7
1963-64	19.9	18.8	18.3	17.0	25.5	24.9	29.9	32.4	1.2	2.0	0.9	1.2	1.6	1.4
1962-63	16.7	20.5	17.3	15.7	21.6	26.7	28.0	30.7	1.6	1.6	1.6	1.4	1.7	2.4
1961-62	14.9	17.6	19.7	13.9	19.4	22.6	31.0	27.8	1.1	1.9	1.2	1.2	1.6	1.8
1960-61	13.4	15.5	16.5	17.9	17.4	20.2	25.9	33.4	1.3	1.4	1.2	1.5	0.9	1.9
1959-60	15.8	14.7	14.7	14.3	20.2	18.7	23.6	28.0	1.9	1.1	1.0	1.2	0.9	1.4
1958-59	13.8	14.4	13.8	12.5	17.6	18.6	21.4	25.9	0.8	1.3	1.2	0.8	1.1	0.9

As the table above indicates, on the Madison campus the percentage of non-resident undergraduates declines from the freshman year through the senior year. (Thus 30.7 per cent of the freshman class in 1962-63 declines to 29.9 per cent of the juniors in 1963-64, to 26.2 per cent of the juniors in 1964-65 and 23.1 per cent of the seniors in 1965-66.) Also, the proportion on non-resident transfer students is less each year than the proportion among new freshmen.

Present Enrollment Limitations

The University limits or discourages enrollment of out-of-state students in four ways:

1. Accepts as new freshmen in Madison one out-of-state student for every two residents;

2. Requires out-of-state new freshmen and transfer students to meet higher admission requirements than residents;
3. Gives Wisconsin residents preference in University Residence Halls;
4. Charges higher fees to non-residents.

THE ECONOMICS OF EDUCATING NON-RESIDENTS

The exchange of students among the states for higher education grew, to some extent, out of economic necessity. It was less costly for all states, if each state limited its higher education offerings and allowed the free exchange of students among states, particularly in fields in which the demand was small and the instructional costs high.

Partly because some states provided more or better than others, (and thus had a heavier in-migration of students) out-of-state tuitions approximating the operational costs of undergraduate education developed.

Wisconsin tuitions at Madison and Milwaukee in recent years have been in this category.

While graduate education is more costly than undergraduate, it has been assumed that, because graduate students provide low-cost teaching and research assistance, and attract major private and federal grants and fellowships--many with "overhead" payments to the University--that the education of graduate students is probably an economic asset to any University. (The combined pay for two half-time teaching assistants is \$1,294 less than the pay of one full-time instructor.)

Regardless of the validity of these points, it is obvious that if all states educated only their own students, the total of appropriations by all states would have to increase by the total of non-resident tuitions now paid by students. In spite of the current in-migration into Wisconsin, it would appear that under such a circumstance, the need for tax support of the University would increase over the present level.

Another important economic factor is the input into Wisconsin's economy from non-resident students. On the basis of data on student costs and incomes on the Madison campus during 1965-66, expenditures of non-resident undergraduate students on the Madison campus alone will total \$16,380,000. This does not include travel to and from home, insurance premiums, or debt retirement--nor does it take into account the hundreds of thousands of dollars spent by parents and friends of students who visit and vacation in Wisconsin.

While Illinois sends more of its sons and daughters to Wisconsin for an education than any other state (33 per cent of the Madison campus out-of-state undergraduates) it also sends more of its residents into Wisconsin for vacations than any other state (60 per cent of Wisconsin's out-of-state overnight visitors are Illinois residents).

Another economic factor in out-of-state enrollments is the contribution to Wisconsin's economy made by people who came to the state as non-resident students and stayed after graduation to become productive citizens. The University faculty, for example, numbers such individuals in the hundreds--Norman Neal who was a leader in the development of hybrid corn; Biochemist Karl Paul Link who discovered dicumarol, and Warfarin; Van R. Potter our Cancer specialist; John Stauffer the botanist who developed high yield types of penicillin; Glenn Pound who developed disease resistant varieties of radish, spinach, and cabbage and now heads our college of agriculture; and many more.

BIG TEN NON-RESIDENT POLICIES

None of the public institutions in the Big Ten has any non-resident restrictions on graduate students. All have some form of control on undergraduates.

Three other universities have a control similar to Wisconsin's limitation on the Madison campus--a percentage of entering freshmen. One--Michigan State--limits total enrollments.

None of the institutions has any kind of regional quota, although three have limitations on students from those Eastern states which they feel do not provide adequate higher educational opportunities for their own citizens.

None of the institutions has any restriction on students from Big Ten states--in fact two institutions, Indiana and Minnesota, have admission policies giving preference to neighbor states--including Wisconsin. Two give admission preference to children of non-resident alumni.

REPORT OF THE EXECUTIVE COMMITTEE

to the

BOARD OF REGENTS

February 4, 1966

The following resolution has been adopted by the Executive Committee since the January 7, 1966, regular meeting of the Board, and is presented for the record as an official action of the Executive Committee:

94
"That, subject to the approval of the Governor and the State Director of Engineering, contracts for Major Equipment for the Madison Chilled Water Facility (Project No. 6405-13) be awarded to the low bidder in each division of the work on the basis of the base bids with alternate bid accepted as indicated, as follows; and that any Vice President or Assistant Vice President of the University be authorized to sign the contracts:

DIVISION 1

CENTRIFUGAL WATER CHILLERS AND AUXILIARIES

York Corporation	Base Bid No. 1A	\$396,518.00	
Chicago, Illinois	Add Alt. Bid 1A	<u>8,553.00</u>	\$405,071.00

DIVISION 2

CIRCULATING PUMPS & TURBINE DRIVES

Worthington Corp.	Base Bid No. 2B		\$ 63,676.00
Milwaukee, Wisconsin			

DIVISION 3

COOLING TOWER

The Marley Company	Base Bid No. 3A		\$100,289.00
Kansas City, Missouri			

(Chargeable to the allotment by the State Building Commission on October 19, 1965, of \$693,000 from Building Trust Fund Surplus - Release No. 1687).

(Mail vote initiated January 27, 1966)

EXHIBIT G

p 24

RESOLUTION OF THE REGENTS OF THE
UNIVERSITY OF WISCONSIN RELATING
TO THE LEASE AND SUBLEASE OF CER-
TAIN BUILDING PROJECT SITES, AND
THE FINANCING OF SAID PROJECTS BY
THE WISCONSIN STATE AGENCIES
BUILDING CORPORATION.

WHEREAS, The Regents of the University of Wisconsin, a body corporate, created and existing under and by virtue of the laws of the State of Wisconsin (hereinafter called the "Regents"), did on the 15th day of March, 1958, adopt a resolution designating the Wisconsin State Agencies Building Corporation (hereinafter called the "Corporation") as the organization with which arrangements are to be made from time to time for the financing, acquisition and construction of University of Wisconsin buildings; and

WHEREAS, The Regents of the University of Wisconsin have heretofore authorized the execution of Leases, Subleases and Assignments relating to the lease and sublease by the Corporation of the Madison South Lower Campus Project, Madison Numerical Analysis and Statistics Building Project, Madison Physical Education Unit No. 2 Building Project and Madison Camp Randall Stadium Addition Project (herein collectively called "Projects") and the assignment of certain rentals and other moneys payable by the University to the Corporation pursuant to the provisions of the Subleases; and

WHEREAS, the Corporation has revised its plans for the interim financing of the Projects necessitating the revision of the Subleases and Assignments relating to the Projects as heretofore authorized to be executed by The Regents of the University of Wisconsin; and

WHEREAS, there have now been prepared and presented to the Regents revised forms of Subleases and Assignments; now, therefore,

BE IT RESOLVED BY THE REGENTS OF THE UNIVERSITY OF WISCONSIN,
AS FOLLOWS:

1. That the forms of the revised Subleases between the Corporation and the Regents providing for the sublease to the Regents by the Corporation of the premises and buildings, structures and improvements to be constructed thereon and constituting the respective Projects, as presented to and considered by this meeting of the Regents, are hereby authorized and approved, and the President or Vice-President, together with the Secretary of the Regents, be and they hereby are authorized and directed for and on behalf and in the name of the Regents to execute said Subleases.

2. That the forms of the revised Assignments to be executed by the Corporation with respect to certain of the rentals and other moneys payable by the Regents to the Corporation under the respective Subleases for the purpose of assigning said rentals and other moneys to the Paying Agent under the resolution of the Board of Directors of the Corporation authorizing the issuance of its Bond Anticipation Notes for the purpose of financing the Projects, and thereafter to the Trustee under the Trust Agreement pursuant to which the Corporation will issue its definitive bonds to permanently finance the Projects, as presented to and considered by this meeting of the Regents, are hereby approved, and the President or Vice-President, together

with the Secretary of the Regents, be and they hereby are authorized and directed for and on behalf and in the name of the Regents to execute the Acknowledgement of Notice of Assignment appearing upon each of said Assignments.

3. That the aforesaid officers of the Regents be and they hereby are authorized and directed to make, execute and deliver all such additional and supplemental documents and to do and perform such acts and to take such actions as may be necessary or required for the consummation of the transactions provided for and contemplated by the aforesaid Subleases and Assignments and the construction and financing of the respective Projects by the Corporation.

4. That all resolutions, orders or other actions of the Regents in conflict with the provisions of this resolution, to the extent of such conflict, are hereby superseded, repealed and revoked.