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Section I of Minutes of November 1,
1968 Meeting (Consisting of Minutes
Proper.) (See Section II for
EXHIBITS A through L.)

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

Madison, Wisconsin

Held in Room 1820, Van Hise Hall
Friday, November 1, 1968, 9:02 A.M.

President Gelatt presiding.

PRESENT: Regents Friedrich, Gelatt, Nellen, Pasch, Sandin, Renk, Walker, Werner,
and Ziegler.

ABSENT: Regent Kahl

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Upon motion by Regent Pasch, seconded by Regent Friedrich, it was
VOTED, That the minutes of the regular meeting of the Board held on
October 4, 1968 be approved as sent out to the Regents.

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REPORT AND RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

President Harrington presented the list of Gifts, Grants, and U. S.
Government Contracts, copies of which had been sent to the Regents in advance of
this meeting. He called attention to the summary on page 29 of the list; and
noted that this month, for the first time, the total amounts received were ahead
of the comparable period for the preceding year.

Upon motion by Regent Walker, seconded by Regent Werner, it was VOTED, That the gifts and grants listed in the statement of Gifts, Grants, and U. S. Government Contracts, presented at this meeting (copy filed with the papers of this meeting), 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.

Vice President Clodius presented 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.

Upon motion by Regent Werner, seconded by Regents Friedrich and Nellen, it was voted:

1. That the actions by the President of the University since the last meeting of the Regents, relating to appointments, resignations, leaves of absence, and changes of status of faculty personnel with rank less than that of Associate Professor and other non-classified civil service personnel with salaries at the annual rate of \$13,600 or less, on file with the Central Business Office, and to tuition remissions, be approved, ratified, and confirmed.
2. That the Report of Non-Personnel Actions By Administrative Officers To The Board of Regents And Informational Items Reported For The Regent Record (EXHIBIT A attached) be received for the record; and that actions included in the report be approved, ratified, and confirmed.

President Harrington suggested moving to the item in his report relating to the meeting of the Assembly State Affairs Committee on October 28, 1968. He suggested that President Gelatt report on this item.

President Gelatt stated that, since most of the Regents were present at that meeting, he would make only a brief report. He reported that at that meeting reports were made by members of the faculty of the University, by members of the police force of Madison, and by members of the University administration. He reported that the conclusion reached at that meeting was that the Memorial Union area on the Madison campus was the center for some kind of traffic in marijuana, although there was no data presented as to the exact extent of such traffic. He noted that the Memorial Union area and the Library Mall area on the lower campus were pointed out as being the areas for such traffic. Regarding the question of the cooperation by the University with Madison officials in connection with this problem, he reported that it was fairly well resolved that the University had cooperated in great measure with the City officials. President

Gelatt expressed the opinion that some kind of action was in order to reduce the drug hazard and the traffic in drugs in the Memorial Union and the Library Mall areas.

Regent Nellen stated that, because of the concern of the Regents with the extent of drug usage, and because of the information presented at the meeting of the Assembly State Affairs Committee establishing that the Memorial Union and the Library Mall were the hub of illicit drug traffic, and because of the difficulty of controlling activities in the Rathskeller of the Memorial Union, he would make the following recommendation:

That the Regents direct the closing of the Rathskeller in the Memorial Union until such time as action can be taken to control student and non-student activities in the Memorial Union and in the Rathskeller.

In seconding the above motion by Regent Nellen, Regent Renk stated that he felt that the management of the Memorial Union had failed in its control of the activities at the Union, because it was entirely too permissive. He commented on the extensive usage of the Memorial Union and the Rathskeller by students and visitors to the Union, on the unfavorable impressions received by visitors to the Union of the students and others frequenting the Union, and noted that there had been some talk that the Wisconsin State High School Basketball Tournament should be moved away from the University of Wisconsin to prevent the young high school students from coming in contact with the activities at the Memorial Union. He stated that he agreed with Regent Nellen that, until such time that the management of the Union can show that they can control the situation there, the Rathskeller should be closed.

President Harrington stated that the administration, of course, joined the Regents in the desire to stamp out the drug traffic in Madison; noted that this position had been previously stated on a number of occasions; and recognized that the Regents were anxious to cooperate with the Assembly State Affairs Committee and with the law enforcement officials of the City of Madison and of the Federal Government; and stated that the University intended to continue to work on its own on this problem. He stated that he was not sure that the administration would want to go along with the motion to close the Rathskeller, because it would prefer to have some time to consider this matter. He suggested that Chancellor Young, directly in charge of the Madison campus, perhaps should indicate what was being done with reference to the problems that we have in the Memorial Union area.

Chancellor Young reported that, for some months now, he had been discussing these problems with the staff of the Memorial Union and with representatives of the Federal Narcotics Agency. Noting that some progress had been made, he emphasized that it was important to keep in mind that, whatever is done, the administration should work with the Union Council and the Union Directorate. He pointed out that in the chairmen of the various committees of the Union we have some of the ablest students, the best University citizens, the people who will be the most loyal alumni of this University, and people who are trying very hard

to resolve the problems in the area. He reported on steps that were already underway to resolve this problem. He noted that a letter would be going out to the Parent-Teacher Associations and to high school principals in the Madison area indicating that the University was not welcoming high school students in the Union or anyone under 18 years of age, except for special occasions. He explained that when high school students were coming in connection with a basketball tournament, when high school football players were here, and when we have debate clinics or other similar affairs, special arrangements will be made to see that these young people come under appropriate supervision. These practices he pointed out were for the purpose of separating the high school groups from the other users of the Memorial Union. He pointed out that, secondly, steps were being taken to enlarge security activities, not only in the Memorial Union, but also in the area between the Memorial Union and the southeast dormitories, with the result that, in recent weeks, there had been a considerable reduction in the number of incidents in that area. Noting that there was relatively little transfer of narcotics in the Union area, but that it was an area for contacts between the sellers and purchasers of narcotics, he pointed out that this made it difficult to control the situation in that area, and involved the need for undercover narcotics agents who could operate outside the campus area. He explained that he had made it clear to all academic deans and to the student personnel people in the University that we mean everything we say, and that anyone trafficking in drugs has no place in this University. He explained that closing the Rathskeller in the Memorial Union would prevent the carrying out of the present program, which is underway, to determine whether this problem could be resolved in some way. He suggested that the opportunity be provided to see whether the staff of the Memorial Union and the Union Council could demonstrate whether they could handle this situation.

Regent Walker, noting that all of the Regents were concerned with this problem, suggested that the closing of the Rathskeller might scatter the situation and divert the drug activities to other areas. Although he felt that serious enough attention had not heretofore been given to this problem in the Union area, Regent Walker nevertheless suggested that the Rathskeller and Library Mall area should be kept open, and that concerted efforts should be put forth in supporting the programs that Chancellor Young had indicated were underway to resolve the problems.

Regent Friedrich stated that he was opposed to the idea of simply closing down the Rathskeller or any other part of the University, because there was some abuse of drug traffic in those places. He agreed that the Chancellor of the Madison campus ought to be given a little more time to see how the situation at the Union could be controlled.

Concurring in what both Regents Renk and Friedrich had stated, Regent Ziegler indicated that he was not, however, necessarily opposed to closing the Rathskeller. However, expressing confidence in Chancellor Young, he suggested that closing the Rathskeller might be an over-reaction at this particular time, until there has been an opportunity to determine how effective Chancellor Young could be under the program which he had indicated was underway to resolve these

problems. He suggested marking time on this matter for a while to give Chancellor Young an opportunity to see what could be done.

Regent Werner also stated that he was not in favor of closing the Rathskeller, because he felt it would be an ineffective and weak action at this time, and it would ~~interfere~~ interfere with the plans of Chancellor Young, in whose hands the Regents have placed this responsibility.

Regent Pasch stated that he did not believe that any members of the Board, who had attended the Assembly State Affairs Committee meeting and listened to the testimony, could not be concerned and alarmed regarding the narcotics problem on our campus; and he stated that he supported Regent Nellen and the other members of the Board who felt this desire for immediate action. However, he expressed the opinion that he did not believe that closing the Rathskeller would be the immediate answer to this problem; and he concurred in the opinions expressed by other Regents that Chancellor Young and the management of the Memorial Union should be given an opportunity to come up with proposals to regulate the use of the Rathskeller, which proposals, and the results thereof, could be reported to this Board for its evaluation. Regent Pasch stated that, therefore, he would move that the above motion by Regent Nellen be tabled until the next meeting of the Board.

Regent Nellen stated, in defense of his motion, that he should report that he had questioned the narcotics officials as to the effect of closing the Rathskeller and had been informed that they thought it would make their job easier rather than more difficult. He stated that he also recognized that Chancellor Young probably should be given an opportunity to make some effective correction in the Union, since he had full confidence in the Chancellor, although he stated that he could not say the same thing about the governing board of the Union. He stated that he would dislike to have his motion come to a vote with a negative vote which might be interpreted that some of the Regents did not want to take action against the drug traffic, although that would not be the Regents' reason for voting against it. Consequently, he stated that he would not withdraw the motion, but that it would be acceptable to table his motion indefinitely, which meant that it could be brought back at any time.

President Harrington suggested that the motion to table indicated that the administration would report back to the Regents but not necessarily at the next meeting. Regent Pasch agreed to deleting the reference in his motion with respect to the tabling of Regent Nellen's motion until the next meeting.

Regent Renk stated that he had no intention, in seconding Regent Nellen's motion, to put Chancellor Young on the spot, since he realized that Chancellor Young was very sincere in his efforts to correct this problem, although he (Regent Renk) was of the opinion that this was a herculian task. He stated, however, that he could not exonerate the Union Council, which he felt had had sufficient opportunity to correct this situation which had been going on for a long time. He suggested that some action should be taken by the Regents at this meeting, although he agreed with Regent Nellen that a negative vote on the original motion would give the impression that the Regents supported what goes on at the Rathskeller.

(President Gelatt turned the chair
over to Vice President Nellen)

President Gelatt stated that the Regents should certainly take some action in order to stamp out illicit drug traffic on the Madison campus. However, he pointed out that this Board was a policy board and should remain a policy board as much as possible, and that it should, in his opinion, work through the people the Regents have selected and to whom they have properly delegated the responsibility of carrying out the policies of this Board. He recalled that the action of the Regents in October strongly stated the position of this Board, on the recommendation of the President of the University and the Chancellor of the Madison campus, that we wanted to do everything we legally could to eliminate the drug traffic and to cooperate with city, state, and national governmental agencies in this matter. He pointed out that the question now was how to properly implement this policy; and he stated that, in his judgment, Regent Pasch's motion to table the motion to close the Rathskeller would give the University administration the opportunity to carry out the policies of the Regents in this matter, and that the Regents could then later judge whether they have been able to do so, and whether the Regents should then give them some other advice as to how this policy could best be carried out.

(President Gelatt resumed the chair.)

Regent Renk inquired whether Regent Pasch's motion to table called for bringing the matter back at the next meeting. Regent Pasch explained that his motion had been amended so that it would be postponed indefinitely. President Harrington stated that the intent of this motion carried with it his previous comment that the administration would report back to the Regents on this matter, but not necessarily at the next meeting.

The question was put on the motion by Regent Pasch to table indefinitely the motion by Regent Nellen to close the Rathskeller, and it was voted by a divided vote.

President Harrington again stated that the administration would report back to the Regents on this subject, pointing out that the drug problem existed not only on the Madison campus but also in varying degrees on the other fourteen campuses of the University as well as on the campuses of the State Universities.

President Harrington noted that there were two distinguished visitors at this meeting; and he introduced Mr. Kenneth Lau, Assistant to the President of the University of Hawaii, who was visiting this campus in connection with his studies of university governance. At the request of President Harrington, Mr. Arlie Mucks, Executive Director of the Wisconsin Alumni Association, introduced Mr. Ray Roland, National President of the Wisconsin Alumni Association.

President Harrington suggested that the next item to be considered was a question raised by one of the Regents regarding the Daily Cardinal. President Gelatt called on Regent Ziegler on this matter. Regent Ziegler referred to a recent edition of the Daily Cardinal which included printed words that, in his opinion, were not only obscene but unfit to be used in a civilized society. He noted that the editors, and other individuals involved in policies of the Daily Cardinal, had on occasions in the past been challenged on the wisdom of using obscene language. He stated that it now appeared that the time was past for words of caution. He stated that, although he had initially thought he would recommend closing the Cardinal down, he had decided to present the following resolution:

That the Board of Regents of the University of Wisconsin does hereby reprimand the staff and Board of the Daily Cardinal, and those members of the faculty and central administration who serve as counselors to the Cardinal, for the printing of words that are considered by the standards of this country to be unacceptable for public use.

Furthermore, it is the intent of this Board to appropriately discipline the editor in chief, and the managing editor of the Daily Cardinal, and any other student newspaper within our system, when obscene words appear in any subsequent issues of such papers. The maximum penalty for such violation of this policy shall be expulsion.

Resolved further, that the determination of language used shall be left to the judgment and discretion of the Cardinal Board and those members of the faculty and administration who serve as advisors on the Cardinal Board.

Regent Ziegler moved adoption of the above resolution, and it was seconded by Regent Nellen.

Regent Walker inquired whether the use of the words in the Daily Cardinal referred to by Regent Ziegler came under the standards of academic freedom and freedom of speech, and would, therefore, be defended or at least condoned by the administration of the University. President Harrington stated that the administration of the University certainly did not approve nor did it condone the use of words that are objectionable to the great body of the American public. Referring to Regent Walker's specific question, President Harrington stated that this was not a question of academic freedom, but rather a question of freedom of the press, a question of civil liberties, and of the right to use words that are objectionable to the great majority of the American people. He referred to a number of decisions by the U. S. Supreme Court, in the past decade, which were indicative of the trend of the court to rule that a great deal of language is not obscene that almost everyone considered so previously. He pointed out that this trend was also evidenced by books that are readily available and by moving pictures and plays. He stated that the Regents, of course, had the right to pass whatever motions they liked, and that it was certainly within their rights

to reprimand the Daily Cardinal, even though the Daily Cardinal is not directly under the control of the University. However, he expressed doubts as to the paragraph in Regent Ziegler's resolution relating to disciplinary measures, since he was of the opinion that it was prejudging the case.

Regent Werner stated that he was sure that all of the Regents disapproved of the language that appears from time to time in the Daily Cardinal, agreed that the Regents should express their disapproval of it, but wondered whether Regent Ziegler's resolution shouldn't be confined to that expression of dissatisfaction and disapproval.

There was further discussion as to the relationship of the Daily Cardinal to the University and as to the extent of the University control over it. Vice President Robert Taylor explained that the Daily Cardinal is a private corporation set up to publish a daily newspaper, the members of which are the students enrolled at the University in Madison. He explained that the Daily Cardinal was governed by a board of control which is made up of five Class A members who are elected students and the editor and business manager of the Cardinal, plus three faculty members who are appointed by the Chancellor of the Madison campus. He explained that the faculty members are Class B members and vote only on matters of budget and expenditures, being prohibited by the corporation constitution from voting on matters of personnel selection or editorial policy. He noted that this did not restrict the faculty members from voicing their opinions loudly and often on issues such as that now being considered by the Regents. He suggested that the Board of Control of the Daily Cardinal should be given an opportunity to see if it could work this out at its own level. He explained that the Daily Cardinal was a private corporation which was presently worth about \$85,000, which would be free, and he thought able, to go off the campus and operate a newspaper without the sanction of the University if it chose to do so.

There was further discussion of the operations of the Daily Cardinal, and of its using the facilities of the University in its publication.

Vice President Taylor cited the action of the Regents on June 14, 1956, in approving a Trust Agreement accepting a gift of funds and equipment from the U.W. Foundation for the establishment and operation of a Typographical Laboratory in the School of Journalism, which gift was estimated to be worth about \$100,000 at that time; and he referred to the statement made at the June 14, 1956 Regent meeting to the effect that the facilities of the Typographical Laboratory could be used for printing the Daily Cardinal, but that the University would not be involved in any way in the publishing or editing of the Daily Cardinal.

Regent Walker raised the question as to whether the School of Journalism condoned the type of language referred to as being in the Daily Cardinal. Vice President Taylor stated that he believed that the School of Journalism pretty generally condemned the use of such language, and he felt that the faculty of the School of Journalism was attempting to assert pressure to correct the situation.

Regent Ziegler stated that it was not his intention in any way to drive the Daily Cardinal off the campus, because he believed it served as a nerve center for all campus activities and was needed. However, he stated that he wanted to be sure that the records were straight as to what would happen if similar cases of irresponsibility occurred in the future.

Regent Sandin inquired whether the Daily Cardinal was used as a teaching medium in the School of Journalism. Vice President Taylor explained that the Daily Cardinal was not so used, but that the Typographical Laboratory was used to teach typography and layout and to handle other typographical work. He again explained that the Typographical Laboratory was only used to print the Daily Cardinal, which has been the dividing line, since 1956, from the area of publishing and editing the student newspaper.

Regent Nellen stated that, having seconded Regent Ziegler's motion, he was opposed to weakening the motion, but that he did have some suggestions for revising the motion. Regarding the reference in Regent Ziegler's motion relating to disciplining, he suggested that the reference to the "editor" or "managing editor" might better be changed to the "editorial board" or the "board that counsels the editorial board". He also suggested that, since the type of subsequent action that might be taken was presently undetermined, the phrase "to appropriately discipline" might be changed to "to take appropriate action". Regent Ziegler indicated that he had no objection to the revisions suggested by Regent Nellen.

Regent Friedrich, stating that he certainly did not condone the use of the kind of language referred to in The Daily Cardinal, stated that he did not want to pass snap judgments on such matters, and suggested that it might be wise to lay this over to the next meeting. Regent Friedrich moved that this matter be layed over to the next meeting with the request that either the Chancellor, or the Vice President who knows the situation, give the Regents a digest of this whole matter.

Regent Werner stated that he could not second Regent Friedrich's motion, because he felt that the Regents, at this meeting, should express their resentment of the things that had been said. He stated that he would be willing to defer, for the time being, the question of possible disciplinary action.

President Gelatt ruled that Regent Friedrich's motion failed for the lack of a second.

(President Gelatt turned the Chair over
to Vice President Nellen.)

President Gelatt stated that the objectionable words used in The Daily Cardinal were certainly emotion packed words, and that undoubtedly the reporters who used them used them with that in mind, attempting in one way or another to arouse strong emotions. He expressed the opinion that that was the fundamental error in the use of that kind of language, since a university has been in the past, and ought to be presently, devoted to rational thinking. Rational thinking, he pointed out, tends to reduce the emotional heat rather than to raise it. He suggested that a statement of that sort of principle by this Board, by the administration, and by the faculty, would, in his opinion, lead logically to the elimination of this kind of language and would also eliminate some other kinds of activities or at least tend to reduce them. He stated, therefore, that he took the position on this issue that the Regents certainly should condemn the action of The Daily Cardinal, but did not believe that the Regents should attempt to coerce them at this point, but rather an attempt should be made to search for some way to obtain a method of control before taking any kind of disciplinary action as suggested in the latter part of Regent Ziegler's motion.

(President Gelatt resumed the Chair.)

Regent Ziegler proposed several revisions in his motion, along the lines suggested by Regent Nellen. Regent Walker suggested that the Regents should hear from Chancellor Young before voting on this motion. Regent Renk requested that first he would like to be informed as to whether The Daily Cardinal was the official student newspaper of the University of Wisconsin, and how it is owned and controlled. Vice President Taylor explained that it was a nonprofit, nonstock corporation, the members of which are the students enrolled at the University of Wisconsin at Madison, and who elect the Board of Directors, which controls the corporation, except that the appointed faculty members on that Board do have a veto power at present on fiscal matters. Regent Renk raised the question whether the Regents had the authority to control this private corporation or reprimand it. President Harrington expressed the opinion that it was within the power of the Board of Regents to reprimand a private corporation that had no connection with the University. Regent Renk suggested that such action would not mean very much.

Responding to Regent Walker's request for his comments, Chancellor Young stated that he certainly disapproved of the language used in The Daily Cardinal, and that he had indicated his disapproval to the editors. He stated that he took the view that a newspaper ought not to be a device by its language of shocking the community. He stated that it was bad journalism, bad newspapering, and that it was bad writing, as well as being in very bad taste. Chancellor Young stated that he believed a reprimand certainly was in order, and suggested the desirability of directing a request to the Daily Cardinal Board of Control to respond to the reprimand with suggestions as to how to avoid this situation in the future, and that, if no particular response is received, the Regents could then examine what alternatives were open to them. He suggested that more might be accomplished if the people involved were requested to make a specific proposal as to what can be done to control this type of situation, with the Regents responding to such a proposal at the next meeting of the Board.

Regent Pasch agreed that a reprimand was in order at this time, and that he would support it, but, before voting, he would want to know who was being reprimanded; and he asked Vice President Taylor who the faculty members on the Daily Cardinal Board of Control were. Professor Taylor stated that he was one of them and that the other two were professor John Ross, of the Department of Agricultural Journalism, and Professor Les Hawkes, a longtime member of the School of Journalism faculty. He pointed out that they had firmly expressed to the Cardinal Board their disapproval of the language referred to; and that, although efforts were being made to correct this situation, he could not report that a pledge of clean language had yet been obtained. Regent Pasch suggested that the faculty members on the Cardinal Board of Control could take the message of the Regents back to that Board and attempt to do something to rectify the situation.

Regent Friedrich, indicating that he was not opposed to reprimanding the persons who might have the responsibility in this matter, stated that he was impressed by the suggestion of Chancellor Young to request the Cardinal Board to present a proposal as to what might be done to correct this situation in the future. Therefore, he suggested that Regent Ziegler and Chancellor Young rework Regent Ziegler's motion along the lines suggested by Chancellor Young. Regent Renk suggested that the Cardinal Board of Control be asked to appear before the Regents

at their meeting to propose what they expected to do to change this type of situation; and he suggested that, if Regent Ziegler's revised motion was adopted, that there be a subsequent motion requesting the Cardinal Board of Control to present a proposal to the Regents at their next meeting. President Gelatt suggested that it would be preferable to have a single motion, if possible, along the lines suggested by Chancellor Young. It was agreed that Regent Ziegler and Chancellor Young would draft a revised motion for consideration by the Regents later in this meeting.

(President Gelatt turned the Chair over
to Vice President Nellen)

Vice President Clodius presented and explained the following recommendation:

That, upon recommendation of the Madison Campus Committee on Naming of University Buildings, the Earth and Space Science Building, at 1225 West Dayton Street, Madison, be named "Meteorology and Space Science".

(President Gelatt resumed the Chair.)

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

Chancellor Klotsche presented and explained the following recommendation:

That the following recommendations of the University of Wisconsin-Milwaukee Campus Planning Committee for the Naming of Buildings on the Kenwood Campus of the University of Wisconsin - Milwaukee be approved:

1. That Kenwood Library be renamed for Frank J. Mellencamp.
2. That the new residence halls be named for Carl Sandburg.
 - a. That the central administrative facility be called the Commons.
 - b. That the residential towers be designated North, South, and West.

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

Vice President Clodius discussed the Proposed University of Wisconsin Response to CCHE # 12 - Graduate Education in Wisconsin, which he recalled had been discussed at the previous meeting of the Board. He explained that the revised document (EXHIBIT B attached) had been revised since the last meeting of the Board taking into account suggestions received from the Regents. He presented the following recommendation:

That the revised (10/28/68) response to CCHE #12 - Graduate Education in Wisconsin (EXHIBIT B attached), be approved and formally transmitted to the Coordinating Council for Higher Education.

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

Regent Nellen stated that he was in general agreement with the statement as outlined, although he did not accept it in its entirety, because he believed that many aspects of it were still vague and not as definitive as they should be. He pointed out that it would be unfortunate to approve something and then be faced with the difficulty of going back and disapproving it. He inquired whether it was necessary to approve this document in its entirety, since it was a statement somewhat in generalities. Vice President Clodius suggested that the Regents could "receive" the document and authorize its transmission to the Coordinating Council. Regents Walker and Pasch agreed to such revision in the recommendation.

The question was put on the motion to approve the recommendation as revised to read as follows, and it was voted:

That the revised (10/28/68) response to CCHE #12 - Graduate Education in Wisconsin (EXHIBIT B attached), be received and formally transmitted to the Coordinating Council for Higher Education.

President Gelatt recalled that the Regents, at the July meeting, had approved the request by State Senator Gordon Roseleip to appear before the Regents. He noted that Senator Roseleip was present, and welcomed him to the meeting.

Senator Roseleip read a statement (Copy filed with the papers of this meeting.), inserting some extemporaneous remarks. Senator Roseleip's statement was critical of the breakdown of the moral climate on the University campus, of the use of drugs and of the failure of University officials to move to resolve the drug problem, of the failure of the President of the University to be concerned with the welfare of the young people attending the University, of permitting Communists to speak on the campus, of the increase in crimes in the University area, of students at the University showing disrespect for the American flag and participating in subversive, communistic, and disruptive activities, and of the printing of obscenities by The Daily Cardinal.

Returning to consideration of the matter relating to the Daily Cardinal, Regent Ziegler presented the following revised resolution, which he and Chancellor Young had drafted:

Resolved that the Board of Regents of the University of Wisconsin does hereby reprimand the Daily Cardinal and the Board of Control for the use of language that is considered by the standards of this country to be unacceptable for public use.

We therefore request the Cardinal Board of Control to bring us a plan with appropriate sanctions that will prevent future violations of language standards.

Regent Ziegler moved adoption of the above resolution as a substitute for his original resolution. President Gelatt inquired whether the second to the original motion concurred. Regent Nellen stated that he did not concur. He explained that he concurred with the two paragraphs just presented by Regent Ziegler, but that he did not concur with deleting the second part of Regent Ziegler's original motion, which stated that appropriate action would be taken. President Gelatt ruled that, without the concurrence of the second, the original motion was still before the Board. There were a number of amendments proposed to the original motion to clarify the language, to add to the original motion the second paragraph of the motion which Regent Ziegler had offered as a substitute motion, and the inclusion of a provision that the Cardinal Board of Control should appear not later than the January, 1969 regularly scheduled Board of Regents meeting.

President Gelatt suggested that the resolution, as now revised, be handled as a substitute motion, and, there being no objection, he ruled that the revised resolution (EXHIBIT C attached) would be considered the original motion made by Regent Ziegler and seconded by Regent Nellen.

The question was put on the motion to adopt the resolution (EXHIBIT C attached), and it was voted unanimously.

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The meeting recessed for committee meetings at 11:10 A.M.

A public hearing was held at 1:45 P.M. on November 1, 1968, Room 1820, Van Hise Hall, Madison, pursuant to Chapter 227 Wisconsin Statutes, on the adoption of the Order of the Regents of the University of Wisconsin Adopting Rules which would create Section UW 1.07(18) of the WISCONSIN ADMINISTRATIVE CODE, relating to prohibiting persons from attending instructional sessions of the University of Wisconsin without proper consent (EXHIBIT D attached). President Gelatt presided at the public hearing, with all Regents present. President Gelatt called for appearances of any individuals wishing to be heard in favor of or in opposition to the proposed Order. There being no appearances, President Gelatt ordered the hearing adjourned at 1:47 P.M.

The meeting reconvened at 1:47 P.M., with President Gelatt presiding.

PRESENT: Regents Friedrich, Gelatt, Kahl, Nellen, Pasch, Renk, Sandin, Walker, Werner, and Ziegler.

ABSENT: None

President Gelatt announced that, in accordance with the request previously made and approved by the Regents, representatives of the State Council for Home and Family would appear before the Regents at this time, on the subject of hours for women at the University of Wisconsin.

Reverend Frederic Gilbert, a member of the State Council for Home and Family, introduced Mrs. Arthur W. Cohen, a member of the Council. Mrs. Cohen distributed to the Regents, for the record, a statement urging students to develop voluntary guidelines for self-regulation of their ethical and moral conduct, with the counsel of the University faculty and administration (copy filed with the papers of this meeting). Mrs. Cohen then noted that another area of concern was the serious lack of understanding between the University and the parents, and the general public, as to the responsibilities of the University with respect to student conduct. She expressed the opinion that parents expected the University to maintain some standards for student conduct; and suggested that a survey be made to determine the feeling of parents in this matter. She stated the University must continue to find ways to get the support and understanding of the people outside of the University family, in order to insure the continuing development of the traditional academic freedom which the University has always enjoyed. She stated that the University should be kept out of the embroiling political events of the day. She thought that the suggested survey of parents' opinions might lead to reconsideration by the Regents of the question of hours for women students.

Regent Pasch stated that there were some members of the Board of Regents who were in sympathy with the position expressed by Mrs. Cohen; and recalled that, at the previous meeting of the Regents, a motion had been tabled to rescind the previous action of the Regents with respect to hours for students in supervised University housing. He recalled that that motion to rescind had been tabled for the reason that it was desirable to review, at the end of the present semester, the experience under the removal of the hours restrictions. Regent Pasch suggested to Mrs. Cohen that it might be desirable to have the State Council for Home and Family make the survey of the opinions of the parents on this matter. Mrs. Cohen stated that she saw no reason why that could not be done. President Gelatt pointed out that a suggestion by a single Regent should not be considered a request by the entire Board; and Mrs. Cohen, indicating that she realized that, stated that such a survey might be something that the State Council for Home and Family might want to undertake.

The Reverend Frederic Gilbert, member of the State Council for Home and Family, appeared before the Regents, stating that he had distributed to the Regents copies of a position paper adopted by the State Council for Home and Family to show the concern of the Council regarding this problem. A copy of the document "The Position of the State Council for Home and Family on the Subject of Hours for Women at the University of Wisconsin" is filed with the papers of this meeting. Reverend Gilbert read the document.

The Right Reverend Monsignor Edward M. Kinney, member of the State Council for Home and Family, presented the "Addendum", which was part of the document distributed by Reverend Gilbert, and which reviewed the activities of the State Council for Home and Family and its Consulting Committee on Family Life Education and Marriage Counseling in regard to its study of the permissive moral behavior on college campuses in Wisconsin. Regent Renk inquired of Monsignor Kinney as to how the State Council for Home and Family was constituted. Monsignor Kinney explained that the State Council for Home and Family was a statutory committee, with appointments to the Committee being made through the State Legislative Council.

Vice President Clodius asked Associate Vice President Wallace Lemon to present the report relating to the development of the University of Wisconsin Medical Center - Madison. Associate Vice President Lemon noted that the Regents had received copies of the "Summary Report on the Future Development of the University of Wisconsin Medical Center," which had been presented to the State Building Commission University Affairs Subcommittee (dated September 13, 1968) (EXHIBIT E attached). He explained the background of this report, including the appointment, by the Governor, of a task force on medical education in Wisconsin, and of its activities, and of the employment, by the State Department of Administration, of a consulting firm to study and report recommendations with respect to the development of a new Medical Center - Madison. He explained that the report at this meeting was a report on the preliminary planning analysis and a recommendation to the Regents to request the State Building Commission to grant authority and provide funds for a complete master plan and implementation of

Phase I of the preliminary planning analysis. He noted that Dean Eichman was present to comment on the academic program involved in the development of the Medical Center, and that Doctor Lyle Cook, and Mr. Ed Farrell (of Lester Gorsline Associates International, Planning Consultants, the consulting firm employed by the Wisconsin Bureau of Engineering) were present to explain to the Regents the procedures followed in developing the preliminary planning analysis for this development.

Dean Eichman discussed the academic programs involved in the proposed development of the University of Wisconsin - Madison Medical Center, summarized in EXHIBIT E attached.

Noting that he understood that a considerable proportion of the graduates of the University of Wisconsin Medical School leave the State of Wisconsin to practice, Regent Renk inquired whether the contemplated programs would improve the attractiveness of Wisconsin for the practice of medicine. Dean Eichman stated that the problem of where a medical school graduate goes to practice is almost a separate problem from the problem of whether Wisconsin is attractive to physicians. He stated that it must be recognized that this is a national field, and that, although half our graduates leave the State, Wisconsin receives large numbers of doctors who graduate from schools in other states. He pointed out that there was probably a slippage rate of about 12%, although this was a difficult area in which to obtain reliable data because of the mobility of physicians, who graduate from Medical Schools in one state, serve internships and residencies in another, and serve in the armed forces, before establishing a permanent place of practice. He suggested that the University of Wisconsin Medical School could do a great deal to make Wisconsin a more attractive place for physicians by developing our program of post-graduate education, which would enable physicians to keep up to date with new developments in the field of medicine.

Regent Walker inquired whether the program of the Medical Center was a self-sustaining program, and as to what was the annual outlay in dollars. Dean Eichman explained that the Medical Center budget was a very complicated budget which included expenditures in excess of \$30,000,000 per year. He explained that the largest single component of the budget was the hospital budget which was slightly less than 50% of the total, which was largely self-sustaining. He indicated that approximately one-half, or about \$13,000,000 or \$14,000,000, of the remainder was the budget for the School of Medicine, which included funds appropriated by the State for medical education and also from gift and grant funds from the outside, which are mostly federal funds. Of the latter, he estimated about \$10,000,000 from gift and grants were from outside the State, and about \$4,000,000 were State funds. The balance of the Medical Center budget, he explained, consisted of state appropriations for the State Laboratory of Hygiene, the School of Nursing, and the Wisconsin Psychiatric Institute. Regent Walker inquired as to the impact of the new program developments on the present budget of about \$30,000,000. Dean Eichman expressed the opinion that federal funds for medical education and research would increase in the future, with National Institutes of Health grants tending to level off rather than maintaining the same slope of growth as was experienced between the years 1955 and 1965, but with the federal subsidy for medical teaching and medical outreach programs increasing.

Regent Sandin, noting the growing need for doctors, nurses, and other related health personnel, inquired whether it was planned to expand their output immediately, or to put it off until the new Medical Center is developed. Dean Eichman stated the Medical School would like to do so immediately, but explained the inability to do so because of the lack of adequate existing facilities.

Noting that this was a massive report, which he felt inadequate to appraise, and that this was a vital step, involving not only the providing of the physical facilities, but also the expansion of the academic program and related services, Regent Werner inquired whether the Wisconsin State Medical Society or the American Medical Association might have a committee that would advise the University on this development, although he indicated that he did have confidence in the various consultants who were working on the planning of this development. He felt that this was a question that doctors should pass on. Dean Eichman explained the structure of the State Medical Society, noting that there were units in the structure of the State Medical Society to which a question might be directed. He reported that representatives of the Wisconsin State Medical Society and the Dane County Medical Society had appeared at public hearings on behalf of this program.

Regent Pasch inquired how many square feet of space were used by the University Medical Center. Dean Eichman reported that, on the present University site, there were approximately 550,000 square feet, with rented space, off the present site, bringing the total to approximately 700,000 square feet.

Associate Vice President Lemon introduced Doctor Lyle Cook, of the counseling firm, who reviewed the processes followed in evaluating the academic program requirements and the physical facilities requirements involved in the planning for the Medical Center, which he noted were summarized in the first few pages of the report. He emphasized that there had been a tendency to understate the need for urgency of action in this development. He pointed out that it would involve about a two-thirds expansion over the present facilities, which would result in approximately 1.5 million square feet of available space. He reviewed the recommendations for the development of the Medical Center, as indicated in the report, in four stages, with each to follow the previous one as rapidly as funds become available. He described the functions to be provided by the facilities in each phase of the total development. He estimated that the total cost of the development of the proposed Medical Center would be about \$120,000,000, based on the 1968 dollar, and estimated that 50% of the financing possibly could be obtained from Federal funds. Dr. Cook also discussed the adequacy of the proposed west campus site, immediately north of the United States Veterans Administration Hospital.

(President Gelatt left the meeting and Vice President Nellen assumed the chair.)

Mr. Farrell, of the consulting firm, discussed the physical aspects of the recommendations for the development of the Medical Center in the proposed area north of the Veterans Administration Hospital, explaining, with the use of plot plans, the various characteristics and advantages of the site. He explained

that the site included approximately 42.6 acres owned by the University and that there were about six acres that could be made available from the Veterans Administration. He explained the suitability of the site with respect to cooperative activities with other related agencies. He noted this site provided an approximately 30% expansion factor for possible future requirements. He explained the study that had been made of the existing site to determine whether it could accommodate the same program; and stated that it had definitely been determined that it was not suitable for that purpose. He also explained the definite recommendations against considering a hypothetical rural site for the Medical Center.

(President Gelatt returned to the meeting and resumed the chair.)

Mr. Farrell showed a chart of four other health center sites and of the proposed University of Wisconsin Medical Center site, showing the configuration of facilities and the distances involved. Mr. Farrell explained that these recommendations had been presented in September to the University Affairs Subcommittee of the State Building Commission, which had asked for additional studies to be made of alternatives, including the development of the Medical Center on the present site. He noted that the recommendations of the consultants would be presented within the next few weeks and would include negative answers with respect to the alternatives suggested for additional study.

Regent Werner inquired of Mr. Farrell whether the planning contemplated abandoning the present Medical Center facilities. Mr. Farrell explained that the consultants had carefully studied the possibility of retaining and remodeling the present Medical Center facilities for various usages, and had concluded that approximately one-half of the present medical facilities was not suitable to keep for a medical type program. He noted that data relating to this study would be available within the next week for presentation of the State Building Commission. Dr. Cook, however, noted that the present medical facilities would be suitable for other University purposes.

Regent Ziegler inquired as to the importance of clinical patients to the development of a proposed medical center of the magnitude contemplated. Dean Eichman explained that clinical patients would be essential for the programs of the proposed Medical Center even in larger numbers than are available in the present Medical Center. He traced the sources of hospital patients and clinical patients over the years since the beginning of operation of the University Hospitals, and noted that, in the future, an increasing number of clinical patients for the University of Wisconsin Medical Center would be coming from the area surrounding Dane County. Regent Ziegler inquired whether the State of Wisconsin could provide a sufficient number of clinical patients for both the Madison Medical Center and a Medical School at the University of Wisconsin-Milwaukee. Dean Eichman indicated that, with the increasing population, the two medical centers would become increasingly more regional-type in character, drawing their clinical patients from the immediately surrounding areas.

Regent Renk inquired how much of the estimated cost, of approximately \$120,750,000, for the proposed Medical Center would be offset by the value of the present facilities. Mr. Farrell explained that that had been studied, with the conclusion that the present medical facilities would be valued at approximately \$22,000,000, including the cost of remodeling for other usages. He suggested that, on that basis, the total cost of the proposed Medical Center, of approximately \$120,000,000 would be reduced by approximately one-half through Federal funding, and, with crediting approximately \$22,000,000 for the remaining value of the present facilities, the resulting actual net cost of the proposed Medical Center would be about \$38,000,000.

Regent Nellen stated that he would like to express his opinion on the urgency of proceeding with the program as rapidly as possible, because the apparent projected shortage of physicians is quite startling and appalling. He stated that there was no question but that the present facilities of the University Medical Center were totally inadequate. With reference to enlarging the production of the number of doctors, he stated that there was no question in his mind that the space that was being considered for the proposed Medical Center would certainly be required, and, in fact, possibly more. He questioned whether the total area of land comprising the proposed site would be ultimately satisfactory. He predicted that there will be a great change in the practice of medicine brought about by the shortage of doctors, with the result that, in the future, some of the medical practices that are performed today by doctors will be performed by paramedical personnel, who will have some medical training, but not as physicians. Consequently, he stated, it will be necessary to have facilities to train such personnel in connection with training offered by a medical school. Mr. Farrell explained that the consultants had made a very conscientious effort to establish a workable insurance factor into the adequacy of the site, and believed that the 30% factor, which they had come forth with, would be adequate for the purposes contemplated by Regent Nellen. He noted that some of the allied health professions had already been programmed into the planning for the proposed Medical Center.

Upon motion by Regent Nellen, seconded by Regent Pasch, it was VOTED, That the State Building Commission be requested to grant authority and provide funds for the preparation of a complete master plan and implementation of Phase I of the preliminary planning analysis for the University of Wisconsin Medical Center - Madison.

President Harrington asked Chancellor Wyllie to present the item relating to the approval of the University of Wisconsin-Parkside academic program proposal. (Copy of the document "Academic Program Proposal, University of Wisconsin-Parkside, UWP-4, dated October 15, 1968," had been distributed to the Regents in advance of the meeting, a copy is filed with the papers of this meeting, and copies distributed with the minutes of this meeting, although not attached thereto.)

Chancellor Wyllie reviewed the format of the academic program proposals as contained in the above-referenced document. He referred particularly to the chart forms on pages 7 and 8 of the document, which listed the proposed majors by division, credits, and year of implementation, broken down within the various divisions in the College of Science and Society and those in the School of Modern Industry. He emphasized the dual mission of the University of Wisconsin-Parkside, which on the one hand was to provide basic letters and science course types of programs, and on the other programs in science and industry specifically related to the manufacturing type of society in southeastern Wisconsin. He presented data as to the intentions of students presently enrolled in the Racine and Kenosha Centers with respect to the type of programs which they would favor in the new institutions. Chancellor Wyllie pointed out that, because of the staff limitations in starting up institutions such as UW-P, it was contemplated that many of the faculty appointments would be interdepartmental, in order to maximize the use of available staff. With regard to the single-disciplinary major requirements of 30 credits, Chancellor Wyllie explained that the purpose of this minimum was to place the single-disciplinary major on a comparable basis for selection by the students, rather than presenting substantially higher credit requirements which might discourage them from entering some of the science major programs. He noted, however, that, in actual practice, it could be assumed that many of the students would elect to take a substantially higher number of credits in their majors. In addition to the joint appointments of faculty members, Chancellor Wyllie explained that some of the other innovations of the academic program proposed for UW-P included the self-pacing program, which would permit students to reach their goals as rapidly as their abilities and their time available permitted, and the proposal to evaluate for credit appropriate off-campus study programs undertaken by the students.

In response to a question by President Gelatt regarding 30 credits for single-discipline majors, Chancellor Wyllie explained that the proposal provided for a minimum of 40 credits for inter-disciplinary majors, since the latter would obviously involve a substantial number of additional courses.

Regent Walker, referring to the material relating to "self-pacing" on page 12 of the above-referenced document, questioned the desirability of eliminating the class designations of freshman, sophomore, junior, and senior. He questioned the desirability of this proposal; suggesting that it was moving too fast and too far. Chancellor Wyllie explained that the intent of this proposal was to permit the students to progress as rapidly as possible to the obtaining of their goals, depending upon their abilities to handle advanced courses in the earlier years, and depending upon the amount of time that they could devote to their collegiate work, since, in such an industrial area, it would be expected that many of the students would spend substantial time on outside employment. He pointed out that the purpose of the self-pacing program also was to eliminate many of the artificial impediments often imposed by the faculty in the way of course requirements and prerequisites, which tend to hamper the students in obtaining their goals. With respect to this aspect of the program proposals, President Gelatt raised the question as to whether the elimination of class designations might not complicate the determination of staffing requirements, which, to a large extent, are based on estimating the courses and programs which will be

taken by students in various class categories. Chancellor Wyllie was of the opinion that this would not be a critical problem, since the data regarding course credits taken by the students could be used in estimating staffing requirements. Regent Kahl pointed out that the natural progress of progression in the pattern of courses taken by students to reach their goals would result in some type of classification of students related to the progress which they had obtained. Chancellor Wyllie agreed, but emphasized that the intent of the self-pacing proposal was to eliminate artificial requirements which stand in the way of students progressing according to their ability.

Regent Nellen referred to the following sentence on page 29 of the above-referenced document: "It will commend itself to students interested in finding new approaches to the understanding of the problems of the society in which they are to live and work, and on the practical side it will commend itself to economic decision-makers interested in seeking new outlets for regionally produced goods and services." He expressed deep concern over this statement, suggesting that it was indicative of the over-emphasis on new innovations by educators. He suggested that the words "new approaches" in that sentence could better be stated as "better approaches." He suggested that the reading of the statement as included in the document would lead one to believe that we are interested in novelty for novelty's sake rather than finding better ways of doing things. Agreeing that, in order not to remain static, it is necessary to have some innovations, he stated that it was distasteful to contemplate students that are dissident and want entirely new approaches to all problems. Regarding the proposal with reference to self-pacing by students, Regent Kahl pointed out that students, and their parents, would be concerned that they have enough advising and counseling so that such self-pacing would not result in their not arriving at their goals in proper order. Chancellor Wyllie pointed out that this aspect of the program proposals had been covered more fully in the previous documentation, and that it was intended that the students be adequately surrounded with the necessary counseling and advising service.

Regent Renk moved approval of the following recommendation and the motion was seconded by Regent Friedrich:

That the Academic Program Proposal for the University of Wisconsin-Parkside (UWP-4, October 15, 1968) be approved as a formal refinement of the Regent-approved Preliminary Academic Plan for UWP; and that it serve as a basis for development of appropriate majors, degree offering and other academic programs; and that the majors and degree designations therein be approved.

Regent Kahl inquired whether the academic program proposals for UW-P were in conformity with the statement of mission of UW-P as previously approved by the Regents; and Chancellor Wyllie responded in the affirmative.

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

Chancellor Wyllie suggested that Associate Vice President Lemon would want to make a statement regarding the master development plan for UW-P, as it related to the academic program proposals. Associate Vice President Lemon pointed out that the master development plan for UW-P, as well as that to be later considered for the University of Wisconsin-Green Bay, had been developed in line with the academic program proposals of these two new institutions and were based on various assumptions, such as the development of the academic programs, and such as various levels of enrollment at the two institutions. He emphasized that the academic program proposals and the references to various levels of enrollment at the new institutions did not in any way commit the Regents at this time to the ultimate size of these new campuses or of their ultimate enrollment levels.

The following recommendation was presented:

That the Regents reaffirm their action of July 7, 1967, approving the master development plan (at that time referred to as the total campus plan) for the University of Wisconsin-Parkside for transmittal to the CCHE and State Building Commission.

It was explained that this recommendation was primarily a reaffirmation of the previous approval by the Regents of the master development plan of UW-P, in order that it might be officially transmitted to the Coordinating Council for Higher Education and to the State Building Commission. Regent Renk inquired whether approval of this recommendation would constitute approval of the physical plan for the Parkside campus for various enrollment levels; and Associate Vice President Lemon explained that the plan was based both on various enrollment levels and also on various academic program levels.

Regent Renk moved approval of the above recommendation, it was seconded by Regent Sandin, and it was voted.

President Harrington raised the question, because of the number of items remaining uncompleted on the agenda of this meeting, whether the Regents would want to complete consideration of the items on this day or continue the meeting on the following day. It was agreed that an effort should be made to complete the business before the Regents in this session.

President Harrington asked Chancellor Weidner to report on the following recommendation:

That the master development plan for the University of Wisconsin-Green Bay be approved for transmittal to the CCHE and State Building Commission.

Noting that the Regents had copies of the plan, and because of the shortage of time, Chancellor Weidner stated he would comment only briefly, and pointed out that this master development plan was substantially in accord with the plans for the development of the Green Bay site as previously presented to and discussed with the Regents, and was built around the academic program for UW-GB, which had been previously presented to the Regents. He explained that the plan as now before the Regents for formal approval for transmitting to the Coordinating Council for Higher Education and to the State Building Commission had been extended to indicate possible developments to accommodate a possible future enrollment of 20,000 students, whereas the development plan as previously presented had been based on a maximum of about a 7,000 student enrollment.

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

Noting that a public hearing had been held earlier in the afternoon on the proposed Order of the Regents to create Section UW 1.07(18) of the Wisconsin Administrative Code, President Gelatt presented the following recommendation for formal action by the Regents:

That the Order of The Regents of the University of Wisconsin Adopting Rules (EXHIBIT D attached), which creates Section UW 1.07(18) of the Wisconsin Administrative Code, be adopted.

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

President Harrington asked University Architect Donald Sites to present two items relating to Madison campus building projects. Mr. Sites stated that the first recommendation was: That the final plans and specifications be approved, and that authority be granted to advertise for bids for the Madison Communication Arts Building. He recalled that this project had been before the Regents twice before in the preliminary planning stages. He referred to a document which had been distributed to the Regents, which included the estimated time schedule for the project, the area calculations, and the budget estimates. He explained that the land acquisition costs would still have to be made a part of this project, and that the site was part of the area to be developed under the Urban Renewal Project. He pointed out that the estimated budget for this project, in the amount of \$9,425,198, included an escalation figure of some \$800,000 due to increased construction costs.

President Gelatt inquired whether this project was the one in which the Educational Communications Board had some interest. Regent Kahl, a member of that Board, reported that that Board had reviewed this project and had no objections with respect to the functions included as designed. However, he expressed the hope that the Educational Communications Board would be kept informed as to functions relating to network communications to be included in the

design of future building projects. President Harrington pointed out that the planning for the Communication Arts Building for the Madison Campus had been started long before the Educational Communications Board had been set up.

Regent Werner questioned the appropriateness of the proposed bidding date for this project in relation to the date for the January Regent meeting; and Mr. Sites explained the complications involved in establishing the bidding date, which included the approval of the bidding date by the federal government, which would be providing part of the funds for this project.

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

University Architect Sites discussed the following recommendation:

That authority be granted to proceed with the preparation of preliminary plans and specifications for the Educational Science Building-Unit I-Madison, at a total estimated project cost of \$6,083,000 (reflecting an increase in construction costs of \$539,000 over the original budget estimate), with \$3,269,000 of State Funds and \$2,814,000 in Gift and Grant Funds; and that \$97,500 of State Funds be requested for the purpose of preparing these preliminary plans.

Mr. Sites explained the delays that had occurred in the planning of the project due to the studies requested by the State Building Commission regarding the pedestrian overpass system, which had been originally proposed in the area in which this project would be located. He explained that these delays and the rejection of the pedestrian overpass arrangement resulted in the need of revising the plans and also in an escalation of estimated construction costs of about 9%, or 6% per year. Regent Renk inquired whether our building construction contracts include cost escalation clauses. Mr. Sites replied in the negative, explaining that this project was still only in the design stage, having been held up for approximately 18 months. Regent Ziegler inquired as to the amount of architect fees which had been thrown away due to this delay; and Mr. Sites estimated that they might be in the neighborhood of between \$25,000 and \$40,000.

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

President Harrington asked Vice President Clodius to discuss the following recommendation:

That the University of Wisconsin 1971-73 and 1973-80 program intentions contained in the draft reply to CCHE dated October 29, 1968, (EXHIBIT F attached), be approved and formally transmitted

to the Coordinating Council for Higher Education with the understanding that these do not represent firm program commitments, but rather intentions based on best information available at this time on the new academic program directions.

Vice President Clodius explained that this was another example of the kinds of questions that the University is asked to supply information on a staff basis to the Coordinating Council for Higher Education, which the University administration does not wish to submit without having had some consideration by the Regents. Referring to the document covered by the above recommendation, Vice President Clodius explained the difficulties involved in forecasting, for any period of time, the possible program developments. He pointed out that the program intentions included in this document were not in radical departure from anything the University has underway at this time. He emphasized that the program intentions included in this document did not include speculation about new professional schools, because the latter have to be approved by the Legislature, and we are not inclined to speculate about subsequent legislative approval. However, with respect to the programs for the Madison campus, Vice President Clodius expressed the hope that, within the next decade, the University would be able to obtain approval from the Legislature for the establishment and funding for a School of Veterinary Medicine. He suggested that this possibility might well be pointed out to the Coordinating Council for Higher Education in the submission of this document. He also noted that there were no radical departures in this document for the Milwaukee campus, because it was based upon what the University is doing there at the present time and also on the stated mission of that campus in developing into a major urban university. Regarding the program intentions for UW-M, he pointed out that they did not include, for example, the programs in the proposed School of Medicine. Another professional program which had not been included in this document for UW-M, he suggested as being a School of Law, which might well be considered in the future at UW-M in view of the substantial increase in the need for lawyers in the Milwaukee area. He discussed the program intentions for Green Bay and Parkside campuses, noting that these include new programs, because they are being built not only on the basis of established programs, but involve the building of new universities. Noting that the program intentions for Green Bay and Parkside would be smaller in size and narrower in focus than the programs in Madison and Milwaukee, he pointed out that they would contemplate Ph.D. programs in the latter part of the period covered by this document.

Regent Werner moved approval of the above recommendation, and it was seconded by Regent Sandin.

Referring to the document covered by the above recommendation, Regent Friedrich questioned the proposal to place a master's degree in Vocational/Technical School Education at UW-M in the 1971-73 through 1972-73 period ahead of a bachelor's degree in Vocational Teacher Education in the later period of 1973-74 through 1979-80. Vice President Clodius explained that the former program involved the training of teachers in the vocational/technical school area in which there was a great immediate demand, and that the latter program involved the training of people who would go out into practice in these areas. In response

to a question by Regent Nellen, Vice President Clodius explained that those working for the master's degree in Vocational/Technical School Education would have already obtained their bachelor's degree.

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

President Harrington suggested that the item on his report relating to the establishment of a Traffic and Safety Research Center could be postponed to a subsequent meeting.

President Harrington referred to a report on Protection and Security Services for the University of Wisconsin, dated October 19, 1968, copies of which had been sent to the Regents. He expressed the hope that the Regents would carefully review this report, and stressed the importance of the Regents understanding the problems involved in this area. He indicated that the administration would submit recommendations later to the Regents covering this material, but that it should be understood that the administration might not necessarily support all of the recommendations included in the report.

President Harrington suggested that, since the recent meetings of the committees of the Coordinating Council for Higher Education had been reported in the papers, it might be well to defer any extensive discussion of Coordinating Council matters until after the meeting of the Council to be held the following week. However, he noted that there had been some questions raised regarding fees and tuition in the meeting of the Finance Committee of the Coordinating Council a few days previous. He recalled that the University Regents normally recommend a budget with the expectation that the fees and tuition would be worked out by the Legislature, when the Joint Finance Committee discusses the budget requests, since the amount of income from student fees, following the principle of 20% of the cost of instruction being paid by undergraduate Wisconsin residents, could not be calculated until the size of the budget would be approved. He reported that, this year, the State Universities had calculated their student fee increase and the Coordinating Council had shown a definite disposition to do the same. He noted that a question had been raised in a meeting of the Finance Committee of the Coordinating Council as to whether there were any changes in the position of the Regents with respect to fees and tuition.

President Harrington stated that, for many biennia, the University Regents have stayed with the 20% of instructional costs formula for in-state students. He indicated that the Coordinating Council did not propose to discontinue the use of that formula; and suggested that, unless the Regents had some reason to discuss it further, the administration would assume that the Regents wanted the calculations continued on that basis. However, he pointed out that there was a difference in the viewpoint of the Coordinating Council with reference to the University of Wisconsin campuses outside of Madison and Milwaukee.

He recalled that the 1965 Legislature had adopted the new principle that the fees at the two-year Centers of the University should be based upon the fees for the State Universities rather than on those for the University units at Madison and Milwaukee. He assumed that the Coordinating Council would continue this recommendation to the Legislature for the coming biennium. He reported that a question had also been raised as to what fees should be paid on the new campuses at Green Bay and Parkside, which are now two-year campuses, but which will be three and four-year campuses beginning with the next biennium. He recalled that, in the discussion of this question with the University Regents, the administration had previously suggested that the fees at Green Bay and Parkside be held down for the start-up period, with the expectation that they would be increased to the level of the fees at Madison and Milwaukee when they reached the full program level. He reported that the Coordinating Council, however, has taken a somewhat different approach, saying that the teaching ratios should be the same at Green Bay and Parkside as at the State Universities, and that the fees also should be the same.

President Harrington, with reference to tuition for out-of-state students, noted that the administration had normally recommended to the Regents that proportionate increases for out-of-state students be worked into the final calculations. He recalled, however, that in the last session of the Legislature the out-of-state tuition for the University was increased disproportionately, as compared to the in-state fees. He stated that, consequently, he would assume that the increase in out-of-state tuition that the University would ask for would not represent as large an increase proportionately as in the last session of the Legislature. He stated that he had brought this matter up merely for some sort of guidance in connection with the arithmetic in figuring what the increase in fees and tuition is likely to be.

President Gelatt expressed his previously stated position with respect to fees at UW-Green Bay and UW-Parkside, which he felt should be the same as at Madison and Milwaukee. Regarding fees for non-resident students, he stated that it was his personal view that they should be set with some reference to non-resident tuition charged by the other Big Ten institutions with which the University of Wisconsin is comparable on salaries. If this were done, he estimated that the out-of-state fee would be increased at least proportionately with the increase for in-state fees.

There was discussion of the non-resident tuition charged at other Big Ten institutions, and of the extent to which the non-resident tuition at the University of Wisconsin approached the cost of instruction at the various levels of instruction. Regent Renk expressed concern that the out-of-state students apparently were not paying the full amount of the cost of instruction. It was explained that the non-resident undergraduate students were paying their own way, and that, although the graduate students were not, they were rendering service to the University as teaching and research assistants. President Harrington pointed out the need to have a leveling off of the tuition for non-resident graduate students, since, for example, to charge a medical student the actual cost of instruction would be unreasonable.

President Harrington suggested that a much more extended discussion of the fee question could be had at a later meeting, if the Regents desired, and recommended that the administration proceed on the past policies with respect to fees and tuition. Upon motion by Regent Ziegler, seconded by Regent Friedrich, it was voted that the administration be directed to proceed on the past policies regarding fees and tuition.

President Harrington stated that several Regents had asked him about the relationship of the Regents to the Madison Campus Athletic Board, and had suggested that the possibility of a meeting of the members of the Board of Regents, or perhaps a designated group of Regents, with the Athletic Board might be a useful thing, perhaps within the next few weeks.

Upon motion by Regent Walker, seconded by Regent Ziegler, it was VOTED, That the administration be requested to arrange a meeting between the Board of Regents, or a committee thereof, and the Athletic Board (Madison Campus), within the next few weeks.

President Harrington suggested that the item on his report relating to a Report on Innovations in Classroom Instruction be deferred to a later meeting of the Board.

President Gelatt noted that several Regents had suggested dispensing with the full reading of the reports of the standing committees, since the members of the Board had copies of the reports before them and could read over the recommendations before the chairmen of the committees moved their approval. Regent Ziegler, Chairman of the Business and Finance Committee, reported that that suggestion had been discussed in the meeting of the Business and Finance Committee, and that the members of the Business and Finance Committee felt that a fuller presentation of the recommendations should be made to the full Board because there were differences of opinion with some of the recommendations to be presented to the Board.

Regent Pasch presented the report of the Educational Committee.

Upon motion by Regent Pasch, seconded by Regent Sandin, it was VOTED, That the proposal for the modification of the existing undergraduate major program in Classics at the University of Wisconsin-Milwaukee (EXHIBIT G attached), be approved.

Regent Pasch moved approval of the recommendation of the Educational Committee relating to stipends for teaching assistants, research assistants, and

project or program assistants (EXHIBIT H attached), the motion was seconded by Regent Sandin, and it was voted.

Regent Pasch moved approval of the following recommendations of the Educational Committee, ~~and the motion~~ was seconded by Regents Friedrich and Kahl:

1. That Robert H. Atwell, Vice Chancellor-Administration, Madison Campus, be granted Faculty Status, effective November 1, 1968.
2. That Lee Wilcox, Director of Admissions, Madison Campus, be granted Faculty Status, effective November 1, 1968.

Regent Renk inquired whether the granting of faculty status, in these two cases, involved salary increases or tenure; and he was informed that they did not.

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

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

1. That the resignation of Vincent James Polidora, Associate Professor, Department of Psychology, College of Letters and Science, Madison Campus, be accepted, effective the beginning of the academic year 1968-69.
2. That the resignation of Bruce H. Westley, Professor, School of Journalism, College of Letters and Science, Madison Campus, be accepted, effective the end of the first semester of the academic year 1968-69.
3. That the resignation of Peter J. Chinetti, Registrar and Director of Admissions, University of Wisconsin-Milwaukee, be accepted, effective December 15, 1968.

Upon motion by Regent Pasch, seconded by Regent Sandin, it was VOTED, That the resignation of Jan M. Vansina, Professor, Department of History, College of Letters and Science, Madison Campus, effective the end of the first semester, 1968-69, be rescinded.

Upon motion by Regent Pasch, seconded by Regent Sandin, it was VOTED, That the retirement of Viola M. Wilkinson, Professor, Home Management and Family Living, Division of Human Resource Development, University Extension and School of Family Resources and Consumer Sciences, College of Agricultural and Life Sciences, be accepted, effective October 31, 1968, and that she be designated Professor Emeritus.

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Regent Ziegler presented the report of the Business and Finance Committee.

Upon motion by Regent Ziegler, seconded by Regent Walker, it was VOTED, That the Executive Committee be authorized to act for the Board in the award of contracts and approval of the schedule of costs for the following construction project:

Home Economics Building Alterations - Stage II, Madison
Project No. 6405-12
Bids 11/7/68

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Upon motion by Regent Ziegler, seconded by Regent Werner, it was VOTED, That the Regents accept the conveyance from the Madison Gas and Electric Company of the electrical conduit and manhole system located beneath Observatory Drive west of Park Street and beneath North Park Street north of Observatory Drive, in the City of Madison, and that the Secretary be authorized to sign the acceptance portion of the conveyance document. (This utility system is no longer needed as the new building will be served by other existing utility systems, and the unused system is in the way of proposed construction. In accepting the conveyance, we agree to furnish a suitable and approximate replacement of the system if, in the future, we request new service through the area of the system being removed. This is not a possibility with the placement of the new construction.)

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Upon motion by Regent Ziegler, seconded by Regents Nellen and Renk, it was VOTED, That, as recommended by the Chancellor of the Milwaukee Campus, and concurred in by Central Administration, Arvid E. Heimann and Arnold M. Orlik be deputized, effective November 19, 1968, for service as Police Officers on the University of Wisconsin-Milwaukee Campus.

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Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Sale of Land, University Avenue-Phase II, Development Madison Campus (EXHIBIT I attached), the motion was seconded by Regent Renk, and it was voted.

Upon motion by Regent Ziegler, seconded by Regent Walker, it was VCTED, That the President and Secretary of The Regents of the University of Wisconsin be authorized to sign an easement granting to the State of Wisconsin Department of Transportation the right to construct an expressway over easement rights held by the Regents for steam, water, sewer, power, and communication lines. In consideration of the easement granted above, the President and Secretary are authorized to sign an agreement with the State of Wisconsin Department of Transportation calling for payment to the Regents of the net cost incurred for actual removal, relocation, alteration, or other rearrangement of our utility facilities. (Copies of both documents on file with the papers of this meeting.) This transaction is identified as University Avenue Expressway-Phase II (Farley Avenue-Babcock Drive), Dane County, Parcel #109.

Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Contract Award - Air Compressor for Heating Plant, Madison (EXHIBIT J attached), the motion was seconded by Regent Werner, and it was voted.

Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Change Order to Contract - Steam Service to West Campus Area - Phase I - Madison (EXHIBIT K attached), the motion was seconded by Regent Nellen, and it was voted.

Regent Ziegler presented the recommendation of the Business and Finance Committee relating to Charges for Ancillary Services at University Hospitals (EXHIBIT L attached). Regent Ziegler stated that the proposed increases were quite substantial; and that the Business and Finance Committee had spent considerable time discussing the reasons for the increases, and had approved the recommendation by a divided vote of three to two. He noted that Mr. Spaulding, the Acting Superintendent of University Hospitals, was present to answer questions on this item.

Regent Ziegler moved approval of the recommendation (EXHIBIT L attached), and the motion was seconded by Regent Nellen.

President Gelatt inquired as to how the Business and Finance Committee had voted on this recommendation; and Regent Ziegler explained that Regents Renk and Walker had voted against it.

Regent Nellen explained that the Business and Finance Committee had examined this situation with a very critical eye, because it involved the University Hospitals being faced with a deficit of approximately \$1,000,000 between now and the end of the fiscal year. He explained that increasing the charges for ancillary services probably would be only a temporary alleviation of the

problem because of the fact of the decreasing hospital census. President Gelatt inquired when the charges for ancillary services were last increased; and Regent Nellen stated that they were last increased in July, 1967. Regent Ziegler noted that Mr. Spaulding had pointed out that the deficit which this recommendation would be trying to make up would amount to about \$1,700,000 for the entire fiscal year. Regent Sandin inquired how these charges compare with those in other hospitals in Madison. Mr. Spaulding replied that they would be in excess of those charged in other Madison hospitals, but about the same or a little below those charged by other comparable teaching hospitals such as at the University of Minnesota. In reference to the charges for occupational therapy, Regent Friedrich inquired whether that work was performed by employees of the University Hospitals or by outside agencies; and Mr. Spaulding explained that it was performed by University employees.

President Gelatt raised the question as to the decision between raising the charges for ancillary services and raising the room rates. Mr. Spaulding explained that raising the room rates was involved in a recommendation to the Legislature; and Associate Vice President Lorenz explained that previously the Regents had requested an increase of \$7 per day in the room rates, but that it had been cut to an increase of \$5 per day by the Legislature. President Harrington noted that any recommendation to ask the Legislature to increase the room rates would first come to the Regents for consideration.

Regent Nellen expressed the opinion that some substantial changes would have to be made to assure an increase in the occupancy rate at University Hospitals. President Gelatt inquired as to the average patient stay at University Hospitals; Mr. Spaulding estimated it at about 12 days; and President Harrington noted that the average stay per patient was down sharply in the past few years. Regent Renk, noting that Mr. Spaulding had been in his present position for only three weeks and could not be held responsible for the present situation, noted that he had expressed the opinion that some of the problem with respect to the decrease in the hospital census involved public relations regarding the handling of patients.

The question was put on the above motion, and it was voted, with Regent Friedrich voting no.

Regent Ziegler presented the following recommendation of the Business and Finance Committee:

That the Administration be authorized to request from the Board on Government Operations additional funds to cover the costs of increased enrollment for fiscal year 1968-69.

Regent Ziegler explained that the estimated enrollment for 1968-69 had been miscalculated with the actual enrollment being in the neighborhood of 3,000 students in excess of the estimated enrollment.

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

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The Secretary reminded the Regents that the next meeting of the Board would be held in Milwaukee on December 6, 1968; and suggested that they should make the necessary hotel accommodations for attending that meeting.

President Harrington noted that suggestions had been received from other campuses of the University, including the University Centers, that the Regents hold some of their meetings during this year at such locations rather than at Madison or Milwaukee. He suggested that the administration could bring in a proposal on this at the next meeting of the Regents, and the consensus was that the administration should do so.

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President Gelatt called attention to the fact that a request had been received on behalf of Mr. Carl Thompson for permission to make a brief appearance before the Regents, but that Mr. Thompson had not put in an appearance at this meeting. He stated that it should be assumed that Mr. Thompson had expected that his request would have to be acted on by the Regents.

Upon motion by Regent Pasch, seconded by Regent Renk, it was VOTED, That Mr. Carl Thompson be granted permission to appear before the Regents at either the December or January meeting.

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Regent Pasch presented the following resolution in memory of the late Governor and former University Regent, Oscar Rennebohm, and requested that copies be sent to Mr. Rennebohm's widow and daughter.

OSCAR RENNEBOHM

WHEREAS Oscar Rennebohm was, in life, a personification of the American dream--an individual who rose from modest beginnings to a position where he had a great influence on the development of people and on the history of his time;

WHEREAS he was one of the great public officials of this state, demonstrating visionary leadership and integrity of purpose in the Wisconsin tradition of clean government;

WHEREAS he was a successful businessman who realized early that the profits of industry should be used to help enrich the lives of all people;

WHEREAS he made enduring contributions to his Alma Mater, the University of Wisconsin, in the fields of scholarship, the arts, and University development, particularly during the time he served on the Board of Regents when he was the organizing genius behind the University Hill Farms development;

WHEREAS he was noted for his conviction that responsible citizenship involves active participation in community affairs; and

WHEREAS his warm, engaging, colorful, and dynamic personality (always tempered by innate simplicity and modesty) affected the lives of all who came in contact with him;

THEREFORE BE IT RESOLVED that the Board of Regents of the University of Wisconsin record with an acute sense of loss, the death on October 15, 1968, of one of the University's truly great alumni--Oscar Rennebohm;

BE IT FURTHER RESOLVED that the memory of Oscar Rennebohm shall endure as long as this University continues to be known as a place where men of integrity and good will can freely seek the truth. To his widow and to his daughter we extend our heartfelt condolences and our deepest gratitude.

Regent Pasch moved adoption of the above resolution, the motion was seconded by all of the Regents present, and the resolution was adopted by unanimous standing vote of the Regents.

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Regent Ziegler suggested that the Regents might give consideration at a later meeting to the possibility of the Central Administration assigning several people to the Regents for the purpose of investigating areas of concern, such as classroom activities, reporting on conditions in various University facilities, to maintain liaison between various police and security agencies, and to check on the performance of duties by certain personnel on the University payroll, with such investigating activities to be under the direction of the President of the University and with reports to be made to the President of the University with copies to the Regents. He stated that this was a suggestion to which the Regents might want to give some consideration.

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President Gelatt inquired as to the wishes of the Board regarding holding an Executive Session. Regent Renk inquired whether there were any pressing personnel matters to be considered; and President Harrington indicated that there were none that could not be deferred to the next meeting of the Board.

Upon motion by Regent Renk, seconded by Regent Friedrich, it was VOTED, That an Executive Session of the Board be dispensed with.

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The meeting adjourned at 5:41 P.M.

Clarke Smith, Secretary

Unrestricted

1. \$ 575.00 - The S & H Foundation, Inc., New York City, in connection with scholarships supported directly by the donor;
250.00 - Mr. and Mrs. Edgar R. Medler, Dobbs Ferry, New York;
10.00 - Mr. and Mrs. Robert H. Bricksen, Wauwatosa, Wisconsin, given in memory of the late Ivar Skaar, Wauwatosa;
835.00 - unrestricted gifts to be added to the President's Special Fund. (Trust)
2. 200.00 - Gerber Baby Foods Fund, Fremont, Michigan, given in connection with the scholarship supported by the donor to be used at the discretion of the Chancellor at the University of Wisconsin-Milwaukee. (133-6449)

Instruction

1. \$ 1.01 - Franklin Publishers, Inc., Milwaukee, Wisconsin, an additional contribution to the Virgil E. Herrick Memorial Lecture Fund. (133-4440)
2. 2,500.00 - Haskins & Sells Foundation, Inc., New York City, for the support of an instructorship in Accounting in the School of Business during 1968-69. (133-6111)
3. 10,000.00 - Wilkie Brothers Foundation, Des Plaines, Illinois, to produce a curriculum to focus the resources of the American Museum in providing a new and unique approach to transitional educational needs of the socio-economically disadvantaged - U. Ext. (133-6675)
4. 750.00 - Wisconsin Society for Jewish Learning, Inc., Milwaukee, Wisconsin, an additional grant to enable the Chairman of the Department of Hebrew and Semitic Studies to purchase, at his discretion, books and other educational materials needed for reference and instruction. (133-3983)

Instruction

5. \$ 1,200.00 - Dept. of the Air Force, 343D Fighter Group, Duluth, Minnesota. Provides for payment of tuition and fees for Air Force personnel attending classes at Marathon County Center for the period July 1, 1968 through June 30, 1969. UWCS, Marathon County. Contract F21603-68-C-0135 (No Account Number)
6. - U. S. Armed Forces Institute, Madison, Wisconsin. Service Contract. Continuation of instruction and correction of correspondence course lessons and other instructional media for the period July 1, 1968 through June 30, 1969. UWEX, Educational Services, Independent Study. Contract DAHC11-69-C-0002 (No Account Number)
7. - Dept. of the Army, Office of Civil Defense, Washington, D. C. Extends termination date from Dec. 31, 1968 to May 31, 1969 and amends certain Special Provisions. Professional Advisory Service Center for the period June 30, 1966 through May 31, 1969 at a total cost of \$146,643. UWEX, Liberal and Professional Education, Engineering. Contract OCD-PS-66-130, Mod. No. 3 (144-7030)
8. Dept. of Health, Education, and Welfare, Health Services and Mental Health Administration, Bethesda, Maryland, in support of the following:
- 1) 233.00 - Predoctoral Fellowship Award for the period June 6, 1967 through June 5, 1968 at a total cost of \$5,333. UW-MSN, Grad. School, Psychology. Grant 3-F1-MH-35,902-01S1 (144-7902)
- 2) 92.00 - Predoctoral Fellowship Award for the period Sept. 13, 1967 through Sept. 12, 1968 at a total cost of \$6,392. UW-MSN, Grad. School, Psychology. Grant 5-F1-MH-30,029-03 (144-8296)
- 3) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 18, 1968 through Sept. 17, 1969. UW-MSN, Grad. School, Psychology. Grant 5-F01-MH-37730-02 (144-9284)
- 4) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 11, 1968 through Sept. 10, 1969. UW-MSN, Grad. School, Psychology. Grant 5-F01-MH-37,473-02 (144-9302)
- 5) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Psychology. Grant 2-F01-MH-34664-03 (144-9337)
- 6) 5,300.00 - Predoctoral Fellowship Award for the period Sept. 9, 1968 through Sept. 8, 1969. UW-MSN, Grad. School, Psychology. Grant 2-F01-MH-33037-03 (144-9339)
- 7) 4,416.00 - Predoctoral Fellowship Award for the period Sept. 9, 1968 through July 8, 1969. UW-MSN, Grad. School, Psychology. Grant 5-F01-MH-30460-04 (144-9360)
- 8) 5,800.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Psychology. Grant 5-F01-MH-37665-02 (144-9365)

Instruction

9. Dept. of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, in support of the following:
- 1) \$ 1,000.00 - Postdoctoral Supply Allowance for the period June 1, 1968 through May 31, 1969. UW-MSN, Agric. & Life Sciences, Vet. Science. Grant 1-F02-AI-38904-01 (144-9001)
 - 2) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Electrical Engineering. Grant 5-F01-GM-38514-02 (144-9283)
 - 3) 5,168.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Molecular Biology. Grant 7-F01-GM-36592-01A1 (144-9324)
 - 4) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Chemistry. Grant 1-F01-GM-41571-01 (144-9327)
 - 5) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Biochemistry. Grant 1-F01-GM-41242-01 (144-9328)
 - 6) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Chemistry. Grant 1-F01-GM-41099-01 (144-9329)
 - 7) 5,100.00 - Predoctoral Fellowship Award for the period Sept. 19, 1968 through Sept. 18, 1969. UW-MSN, Grad. School, Chemistry. Grant 1-F01-GM-41048-01 (144-9330)
 - 8) 5,300.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Biochemistry. Grant 1-F01-GM-41615-01 (144-9338)
 - 9) 10,637.00 - International Postdoctoral Fellowship Award for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Agric. & Life Sciences, Plant Pathology. Grant 1-F05-TW-1404-01 (144-9340)
 - 10) 4,975.00 - Predoctoral Fellowship Award for the period Oct. 1, 1968 through June 30, 1969. UW-MSN, Grad. School, Plant Pathology. Grant 5-F01-GM-30905-04 (144-9351)
 - 11) 2,266.00 - Predoctoral Fellowship Award for the period Oct. 1, 1968 through Jan. 31, 1969. UW-MSN, Grad. School, Bacteriology. Grant 4-F01-GM-31164-04 (144-9352)
 - 12) 1,000.00 - Special Fellowship Supply Allowance for the period Aug. 1, 1968 through July 31, 1969. UW-MSN, Med. School, Medical Genetics. Grant 2-F03-GM-35720-03 (144-9358)

Instruction

9. (cont'd.) Dept. of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 13) 3,650.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Feb. 28, 1969. UW-MSN, Grad. School, Biochemistry. Grant 5-F01-GM-34844-03 (144-9362)
- 14) 2,249.00 - Predoctoral Fellowship Award for the period Sept. 1, 1968 through Jan. 31, 1969. UW-MSN, Grad. School, Biochemistry. Grant 4-F01-GM-38349-02 (144-9364)
- 15) 1,000.00 - Postdoctoral Supply Allowance for the period July 10, 1968 through July 9, 1969. UW-MSN, Med. School, Oncology. Grant 5-F02-GM-29077-02 (144-9366)
- 16) 750.00 - Special Fellowship Supply Allowance for the period Aug. 28, 1968 through May 27, 1969. UW-MSN, Grad. School, Molecular Biology. Grant 1-F03-AI-39068-01 (144-9372)
- 17) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Aug. 1, 1968 through July 31, 1969. UW-MSN, Agric. & Life Sciences, Vet. Science. Grant 5-F02-HD-32985-03 (144-9373)
10. Dept. of Health, Education, and Welfare, Office of Education, Washington, D. C. in support of the following:
- 1) 178,645.00 - National Defense Foreign Language Graduate Fellowship Program under Title VI of the NDEA of 1958 for the first semester of the 1968-69 academic year. UW-MSN, Grad. School. No Agency Number (144-8685)
- 2) 450.00 - Planning Grant for Pre-Service Teacher Corps Training Program for the period June 4, 1968 through Feb. 28, 1969 at a cost of \$4,154. UWM, School of Education, Administration. Grant OEG-0-8-004235-4235, Revision #2 (144-8875)
11. 105,205.00 - Dept. of Health, Education, and Welfare, Social and Rehabilitation Service, Washington, D. C. Program of Study Leading to the Master of Science Degree (Pediatric Nursing) for the period July 1, 1968 through June 30, 1969. UW-MSN, School of Nursing. Project No. 134 (144-9095)
12. Dept. of Housing and Urban Development, Washington, D. C., in support of the following:
- 1) 8,400.00 - A City Planning and Urban Studies Fellowship Program for the 1968-69 academic year. UW-MSN, Grad. School. Project 68-417 (144-9165)
- 2) 4,500.00 - A City Planning and Urban Studies Fellowship Program for the 1968-69 academic year. UWM, Grad. School. Project 68-420 (144-9200)

Instruction

13. \$ 4,500.00 - Dept. of the Interior, Bureau of Indian Affairs, Wash. D. C. Attendance of six Indian cooperative leaders at Cooperative Marketing Short Course to be held Oct. 7 - Dec. 13, 1968. UWEX, Human Resource Development, International Cooperative Training Center. Letter dated Sept. 27, 1968 (144-9363)
14. National Science Foundation, Washington, D. C., in support of the following:
- 1) 1,000.00 - Science Faculty Fellowship Cost-of-Education Allowance for a period of twelve (12) months, effective Sept., 1968. UW-MSN, Grad. School, Mathematics Research Center. Grant 68011 (144-4685)
 - 2) 2,500.00 - Science Faculty Fellowship Cost-of-Education Allowance for a period of nine (9) months, effective Sept., 1968. UW-MSN, Grad. School, Mathematics. Grant 68058 (144-4685)
 - 3) 2,500.00 - Science Faculty Fellowship Cost-of-Education Allowance for a period of nine (9) months, effective Sept., 1968. UW-MSN, Grad. School, Geology and Geophysics. Grant 68133 (144-4685)
15. 37,000.00 - Joint School District No. 8, Shawano, Wisconsin (prime contractor with Office of Education, Dept. of Health, Education, and Welfare). Agreement to furnish professional services and consultation under Title III of the Elementary and Secondary Education Act of 1965 for the period July 1, 1968 through June 30, 1969. UW-GB, Instructional Media and Data Processing. Subagreement under Grant OEG-0-8-006749-4700(056), Project 68-06749-0 (144-9347)
16. 1,464.50.- North Carolina Agricultural and Technical State University, Greensboro, North Carolina (prime contractor with the Office of Education, Department of Health, Education, and Welfare). A Cooperative North-South Student Exchange Program for two students under Title III of the Higher Education Act of 1965 for the first semester of 1968-69. UWEX, Division of Human Resource Development, Committee on Cooperation with Predominantly Negro Universities. Subgrant (144-9253)
17. 1,641.00 - North Carolina College, Durham, North Carolina (prime contractor with the Office of Education, Dept. of Health, Education, and Welfare). A Cooperative North-South Student Exchange Program for two students under Title III of the Higher Education Act of 1965 for the first semester of 1968-69. UWEX, Division of Human Resource Development, Committee on Cooperation with Predominantly Negro Universities. Subgrant (144-9251)

Instruction

18. Texas Southern University, Houston, Texas (prime contractor with the Office of Education, Department of Health, Education, and Welfare), in support of the following:
- 1) \$ 1,750.00 - Administrative Costs incurred in connection with the Cooperative Program under Title III of the Higher Education Act of 1965 for the first semester of 1968-69. UWEX, Division of Human Resource Development, Committee on Cooperation with Predominantly Negro Universities. Subgrant (144-9254)
 - 2) 3,057.00 - A Cooperative North-South Student Exchange Program for three students under Title III of the Higher Education Act of 1965 for the first semester of 1968-69. UWEX, Division of Human Resource Development, Committee on Cooperation with Predominantly Negro Universities. Subgrant (144-9255)
19. Wisconsin Dept. of Public Instruction, Handicapped Children Division, Madison, Wisconsin, in support of the following:
- 1) 9,000.00 - Cost-of-education allowance for fellowships awarded by the donor in connection with the 1968 Summer Program for Preparation of Professional Personnel in the Education of Handicapped Children sponsored by the U. S. Office of Education. UWM, Education, Exceptional Education. No Agency Number (144-9103)
 - 2) 600.00 - Cost-of-education allowance for fellowships awarded by the donor in connection with the 1968 Summer Program for Preparation of Professional Personnel in the Education of Handicapped Children sponsored by the U. S. Office of Education. UWM, L & S, Communications. No Agency Number (144-9349)

Student Aid

1. Gifts for support of scholarships in the 1968-69 Farm Short Course:
 - (1) \$ 200.00 - Janesville Production Credit Association, Janesville, Wisconsin (133-4400) S
 - (2) 100.00 - Bank of Clear Lake, Clear Lake, Wisconsin (133-6645) S
 - (3) 200.00 - Waupaca County Farm Bureau, Manawa, Wisconsin (133-6081) S
2. 1,300.00 - University of Wisconsin Foundation, Madison, for the support of the Wisconsin Alumni Club-University of Wisconsin Foundation Matching Scholarship Program, to match scholarship grants from alumni clubs throughout the country. (133-6097) S
3. 3,000.00 - The Urig Foundation, Milwaukee, Wisconsin;
 - 100.00 - Dr. Francis F. Rosenbaum, Milwaukee, Wisconsin;
 - 500.00 - Mrs. Bertha K. Whyte, Milwaukee, Wisconsin;
 - 975.00 - Mrs. Webster Woodmansee, Milwaukee, Wisconsin;
 4,575.00 - to support the program of the UWM Fine Arts Quartet in accordance with terms previously approved. (133-5060) S
4. 1,000.00 - Steven Foundation, Inc., Eau Claire, Wisconsin;
 - 500.00 - Wisconsin Association of School District Administrators, Janesville, Wisconsin;
 1,500.00 - for continued support of a fellowship for an educational administrator - Department of Educational Administration. (133-2515) S
5. 400.00 - American Jewish Committee, Milwaukee Chapter, Milwaukee, Wisconsin, to be added to the Robert F. Kennedy Fund for aiding disadvantaged students at the University of Wisconsin-Milwaukee. (133-6620)
6. 1,500.00 - Anonymous donor, for continued support of the Special Racial Background Scholarship Fund in accordance with terms previously approved by the Regents. (133-1040) S
7. 1,000.00 - ASARCO Foundation, New York City, for continued support during the academic year 1968-69 of their scholarship program in the Department of Minerals and Metals Engineering. (133-2985) S
8. 400.00 - The National Society of the Colonial Dames of America in the State of Wisconsin, Milwaukee, to continue their fellowship in History. (133-2239) S
9. 350.00 - University of Wisconsin Foundation, Madison, Wisconsin, a contribution from William K. Fitch for the support of a scholarship in the College of Engineering. (133-6654) S
10. 800.00 - Elizabeth Bacon Fitzgerald-Kenshire Foundation, Inc., Milwaukee, Wisconsin, to continue support of the "Elizabeth Bacon Fitzgerald Award". The awards are to be used for the teaching program of the UWM Fine Arts Quartet and will be made by the UWM Music Department's Scholarship Committee upon approval of the Dean of the School of Fine Arts. (133-4980)

Student Aid

11. \$ 300.00 - Anonymous donor, to supplement the Florence Fund, a scholarship for students in the School of Social Welfare at UWM, in accordance with terms previously approved. (133-5551) ✓
12. 500.00 - Government of France, contribution to continue the summer session scholarship program (\$200) and the academic year scholarship program (\$300) for awards to outstanding American students of French residing at the Maison Francaise. Awards may be made to graduate or undergraduate students recommended by the faculty of the French Department to the Student Financial Aids Committee or the Graduate School, as the case may be. (133-874) ✓
13. 204.00 - Various donors, given in memory of the late Mrs. Ovid Meyer, Madison, to be added to the Robert Gavin Medical Student Loan Fund. (Loan) ✓
14. 100.00 - Mrs. Edna S. Gordon, Madison, Wisconsin, to be added to the Edgar B. Gordon Memorial Scholarship Trust to be awarded to a deserving student preparing to teach music in the schools of Wisconsin. (Trust) ✓
15. 250.00 - Alexander Grant & Company, Chicago, Illinois, to continue the Alexander Grant Scholarship in Accounting, in accordance with the conditions establishing this fund as approved by the Regents on April 11, 1953 - School of Business. (133-2971) ✓
16. 1,500.00 - Harry J. Grant Foundation, Milwaukee, Wisconsin, an additional contribution to their scholarship fund in the School of Journalism. (133-4740) ✓
17. 20.00 - Glenn R. Coates, Racine, Wisconsin, to be added to the Henry A. Hillemann Memorial Fund, for the support of a law student under the Work Study Program. (133-6161) ✓
18. 108.00 - Various donors, Milwaukee, Wisconsin, a contribution for continued support of the Robert F. Kennedy Fund for aiding disadvantaged students at the University of Wisconsin-Milwaukee. (133-6620) ✓
19. 1,274.69 - Various donors, additional contributions to the Martin Luther King Memorial Scholarship Fund. (Trust) ✓
20. 5,500.00 - University of Wisconsin Foundation, Madison, a gift from the Kohler Foundation, Inc., Kohler, Wisconsin, to continue the Marie Christine Kohler Fellowships in the Graduate School in accordance with terms previously approved. (133-2002) ✓
21. 250.00 - J. R. Kramer, Inc., Elmhurst, New York, for continued support of a scholarship in the College of Agricultural and Life Sciences for the school year 1968-69. The scholarship shall be known as the "J. R. Kramer, Inc., Scholarship in Agriculture" and shall be awarded to a sophomore selected by the Dean of the College of Agricultural and Life Sciences upon recommendation of the Loans, Fellowships and Scholarships Committee. (133-4137) ✓

Student Aid

22. \$ 500.00 - Lake Geneva Garden Club Foundation, Lake Geneva, Wisconsin, a grant to continue an annual scholarship to be known as the Helen MacDonald Award - College of Agricultural and Life Sciences. (133-5665) K
23. 209.69 - Milwaukee Peace Corps Service Organization, Milwaukee, Wisconsin, to establish a scholarship fund for Return Peace Corps Volunteers at the University of Wisconsin-Milwaukee. (133-6679) S
24. 1,500.00 - The Northwestern Mutual Life Insurance Company, Milwaukee, Wis., for continuation of a scholarship (\$500) and a graduate fellowship (\$1,000) in the School of Business for 1968-69, in accordance with terms approved April 10, 1954. (133-1085) D
J
25. 300.00 - The Norwich Pharmacal Company, Norwich, New York, for the support of the Urology Residency Program in the Department of Surgery in accordance with terms previously approved - Medical School. (133-5959)
26. 7,000.00 - Parke, Davis & Company, Detroit, Michigan, to continue support of a fellowship project in the School of Pharmacy. (133-71) J
27. 1,000.00 - Reader's Digest Foundation, New York City, to be used by Journalism students for research and travel in connection with their studies. (133-2085)
28. 1,729.00 - University of Wisconsin Foundation, Madison, to be used for the benefit of students in the College of Agricultural and Life Sciences, given under the terms of the will of the late Bradford B. Richmond to the Foundation. (133-6644)
29. 100.00 - Mrs. Mary Nicolaus Brown, Wadsworth, Ohio, to be added to the Student Financial Aid Fund. (133-2109)
30. 1,000.00 - The Edward A. Uhrig Foundation, Milwaukee, Wisconsin, for continued support of their scholarship program at the University of Wisconsin-Milwaukee for students of superior ability in need of financial assistance during the 1968-69 school year. (133-2686) S
31. 1,261,375.00 - Office of Education, Department of Health, Education and Welfare, Washington, D. C., for continuation of the National Defense Student Loan Fund at the University of Wisconsin. (Loan)
32. 27,830.00 - Department of Health, Education, and Welfare, Washington, D. C., for the support of the Nursing Student Loan Fund for the fiscal year 1968-69. Under the terms of the fund, an amount equal to not less than 1/9th of the federal contribution shall be contributed by the University of Wisconsin. (Loan)
33. 298.80 - University of Wisconsin Phi Theta Group (Student Physical Therapy organization) to be added to the Phi Theta Loan Fund to be administered in accordance with terms approved July 12, 1963. Additional contributions may be made to the fund. (Loan)

Research

1. \$ 200.00 - ~~A~~aconda Aluminum Co., Louisville, Kentucky;
 50.00 - ~~A~~merican Bacteriological & Chemical Research Corporation,
 Gainesville, Florida;
 1,000.00 - ~~S~~tandard Brands, Inc., New York City;
 2,500.00 - ~~A~~merican Meat Institute, Chicago, Illinois;
 1,000.00 - ~~E~~conomics Laboratory, Inc., St. Paul, Minnesota;
 3,000.00 - ~~S~~wift and Company Foundation, Chicago, Illinois;
 1,000.00 - ~~G~~eneral Mills, Inc., Minneapolis, Minnesota;
 75.00 - ~~A~~merican Meat Institute Foundation, Chicago, Illinois;
8,825.00 - for support of the Food Research Institute in the College of
 Agricultural and Life Sciences. (133-5328)
2. 25.00 - Dr. R. O. Ebert, Pine River, Wisconsin, given in memory of the
 late Mr. Klaeser, to be added to the Kathryn Bartlett Fund for
 the support of cancer research in the Division of Clinical
 Oncology. (133-3281)
3. 120.00 - Various donors, given in memory of the late Mrs. Marcia Wright
 Wooster, Silver Spring, Maryland;
 10.00 - Mrs. Edwin S. Worthington, Beloit, Wisconsin, given in memory
 of the late Mrs. John Harper;
130.00 - to support research in the cause and cure of cancer - McArdle
 Memorial Laboratory. (133-327)
4. 1,000.00 - Estate of the late Hazel L. ~~S~~chielke, Brookfield, Wisconsin, to
 be used for the support of cancer research in the Division of
 Clinical Oncology. (133-1038)
5. 5.00 - Mr. and Mrs. Leo L. Kircher, Random Lake, Wisconsin, given in
 memory of the late Gail Zimmerman, Random Lake;
125.00 - Various donors, given in memory of the late Geoffrey Ford;
130.00 - to support leukemia research in the Department of Pediatrics.
 (133-3535)
6. 180.00 - Various donors, given in memory of the late LeRoy Schoenig, to
 be used for the support of cancer research in the Medical
 School. (133-3651)
7. 2,000.00 - Mr. and Mrs. Mike ~~V~~alerio, Elmwood Park, Illinois, given in
 memory of the late Lou Farrell, to be used for cancer research
 in the Division of Clinical Oncology. (133-3802)
8. 20.00 - Mrs. Patrick K. Carroll, Loganville, Wisconsin, given in memory
 of the late Patrick K. Carroll, for the support of emphysema
 research in the Department of Medicine. (133-2889)
9. 25.00 - Mrs. Edward ~~S~~hovers, Racine, Wisconsin, given in memory of the
 late Edward Shovers, to support heart research in the Depart-
 ment of Medicine. (133-2701)
10. 3,000.00 - Dr. John H. Childers, Dallas, Texas, to support research in the
 Department of Neurology. (133-5595)
11. 5,000.00 - ~~A~~merican Chemical Society, Washington, D. C., for the support
 of research in the Department of Chemistry, UWM, during a two-
 year period. (133-6641)

Research

12. The American Cancer Society, Wisconsin Division, Inc., Madison, for support of research in the Division of Clinical Oncology:
 (1) 18,750.00 - "Carcinogenic Activity in Rats and Mice of Bacteriostatic Nitro-furans and Related Chemical Compounds" (133-6682)
 (2) 19,062.00 - "Studies on Tryptophan Metabolism in Cancer Patients" (133-6683)
13. 6,950.00 - Anonymous donor, for the support of research in the Department of Food Science and Industries relating to new methods of processing milk and milk products, particularly in converting fluid milk into concentrated frozen milk. (133-6649)
14. 1,000.00 - Anonymous donor, for the support of research in the Department of Zoology (L & S). (133-6650)
15. 4,000.00 - Corn Products Company, Argo, Illinois, for the support of research, September 1, 1968 - August 31, 1969, entitled "A study of the unidentified growth factor in corn fermentation solubles" - Department of Poultry Science. (133-5662)
16. - E. I. du Pont de Nemours and Company, Wilmington, Delaware, termination date of research project entitled "Research on the Application of Novel Separation and Reaction Techniques to the Solution of Problems of Clinical and Biochemical Analyses" extended through December 31, 1968. (133-5051)
17. 30,000.00 - Elm Research Institute, Waldwick, New Jersey, for the support of research in the Department of Entomology during the period September 1, 1968 through August 31, 1971, entitled "Induction of resistance in Ulmus spp. to insect attack and Dutch elm disease through chemotherapeutic treatments". (133-6648)
18. 2,000.00 - Madison Tuberculosis Association, Madison, Wisconsin, for continued support of tuberculosis research in the Department of Medical Microbiology. (133-4942)
19. 6,300.00 - National Electrostatics Corp., Middleton, Wisconsin, for the support of research in the area of high voltage discharge in a vacuum to be conducted in the Department of Physics during a one-year period. (133-6652)
20. 3,550.00 - Various donors, additional contributions to assist in the work of the Regional Rehabilitation Research Institute, School of Education. (133-4866)
21. 3,000.00 - Reynolds Metals Company, Richmond, Virginia, for the support of research in the Department of Biochemistry relating to basic and clinical aspects of experimental fluorine toxicosis. (133-3220)
22. 7,000.00 - Shell Chemical Company, New York City, for the support of research in the Department of Entomology entitled "In vitro studies of the metabolism of aldrin and related compounds with- in plant cells". (133-6651)

Research

23. \$ 800.00 - Shell Chemical Company, Clayton, Missouri, for the support of research in the Department of Entomology on forest insect control. (133-6638)
24. 50.00 - University of Wisconsin Foundation, Madison, a contribution made by Dr. Claude S. Perry for the support of research in ophthalmology in the Medical School. (133-5194)
25. 7,000.00 - Velsicol Chemical Corporation, Chicago, Illinois, for the support of research in the Department of Entomology entitled "In vitro studies of the metabolism of heptachlor and related compounds within plant cells". (133-6639)
26. 3,750.00 - Vick Divisions Research, Mount Vernon, New York, a grant to continue support of research in the School of Pharmacy through June 14, 1969, on the isolation and characterization of certain chemicals in or related to sebum for subsequent testing of their acnogenic activity. (133-5557)
27. 5,000.00 - Wilkie Brothers Foundation, Des Plaines, Illinois, for the support of research in the Department of Veterinary Science during the period November 1, 1968 to October 31, 1969 to study physiological functions and disease processes of the Canada goose. (133-6677)
28. 137,403.92 - Wisconsin Electric Utilities Research Foundation, Inc., Milwaukee, for the support of study of methods of economic use of electric light, heat and power for all phases of the dairy farmstead, for purpose of saving labor, and general improvement of rural life, to be conducted in the Department of Agricultural Engineering during the period July 1, 1968 to June 30, 1971. (133-705)

Research

29. \$ - U. S. Dept. of Agriculture, Forest Service, Washington, D. C. Extends termination date from June 30, 1968 to Dec. 31, 1968. "Sex Attraction and Mating of Insects, Particularly Sawflies" at a total cost of \$30,000. UW-MSN, Agric. & Life Sciences, Entomology. Grant No. 2 (144-6499)
30. - U. S. Air Force, Arlington, Virginia. Establishes predetermined overhead rates for the period July 1, 1968 through June 30, 1969. Basic agreements for the negotiation and execution of cost reimbursement research and development contracts. UW-MSN, Various. Amend. #6 to Basic Agreement AF 49(643)-370; Amend. #5 to Basic Agreement AF 49(643)-371; Amend. #5 to Basic Agreement AF 49(643)-372; Amend. #3 to Basic Agreement F44621-67-A-0063; Amend. #1 to Basic Agreement F44621-68-A-0063; Amend. #1 to Basic Agreement F44621-69-A-0063 (No Account Number)
31. Air Force Office of Scientific Research, Arlington, Virginia, in support of the following:
- 1) - Changes title of project. "Health and Performance in the Arctic" for the period July 1, 1968 through Dec. 31, 1968 at a cost of \$25,144 (formerly entitled "Health, Performance and Genetics in the Arctic"). UW-MSN, L & S, Anthropology. Grant AFOSR-68-1593, Amend. B (144-8778)
- 2) 20,373.00 - "Analytical and Numerical Methods for Solving Integral Equations, with Applications" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Mathematics Research Center. Grant AFOSR-69-1650 (144-9289)
32. - U. S. Army Edgewood Arsenal, Maryland. Transfers title to a certain item of equipment to The Regents of The University of Wisconsin. "Methods for Measuring Chemically Induced Behavioral Changes in Various Mammalian Species" for the period Jan. 25, 1967 through March 24, 1968 at a total cost of \$29,850. UW-MSN, L & S, Psychology. Contract DAAA15-67-C-0296, Mod. No. A001 (144-7532)
33. - U. S. Army Electronics Command, Fort Monmouth, New Jersey. Extends termination date from Aug. 31, 1968 to Jan 31, 1969. "Waveguide, Waveguide Circuits and Antenna Research Study" for the period Sept. 1, 1964 through Jan. 31, 1969 at a cost of \$127,145. UW-MSN, Engineering, Electrical Engineering. Contract DA36-039-AMC-02261(E), Mod. No. P010 (144-4682)
34. - U. S. Army Natick Laboratories, Natick, Massachusetts. Transfers title to certain items of equipment to the University. "Culturing Photosynthesizing Plant Tissues" for the period July 1, 1962 through June 7, 1966 at a total cost of \$105,524. UW-MSN, Agric. & Life Sciences, Plant Pathology. Contract DA19-129-QM-1817(N), Mod. No. 10 (144-3608)

Research

35. \$ - U. S. Army Research Office, Durham, North Carolina. Extends termination date from Sept. 8, 1968 to June 8, 1969. "Asymptotic Behavior of Solutions of Ordinary Differential Equations" at a total cost of \$53,583. UW-MSN, L & S, Mathematics. Contract DA-31-124-ARO-D-268, Mod. No. P005 (144-5425)
36. 34,669.00 - Atomic Energy Commission, Argonne, Illinois. "Organization of the R Chromosome in Maize" for the period Aug. 1, 1968 through July 31, 1969. UW-MSN, Agric. & Life Sciences, Genetics. Contract AT(11-1)-1300, Mod. No. 6 (144-9105)
37. 8,000.00 - Dept. of Commerce, Environmental Science Services Administration, Washington, D. C. Design and Fabrication of Prototype and Flight Model Thermal Radiation Sensors for the period Aug. 1, 1966 through June 30, 1969 at a total cost of \$104,600. UW-MSN, Engineering, Electrical. Contract Cwb-11064, Amend. No. 5 (144-5862)
38. - Dept. of Commerce, National Bureau of Standards, Washington, D. C. Extends termination date from Aug. 31, 1968 to Nov. 30, 1968. "Evaluation of the Data on Critical Micelle Concentrations" for the period Nov. 1, 1966 through Nov. 30, 1968 at a total cost of \$11,840. UW-MSN, School of Pharmacy. Contract CST-347 (144-7495)
39. Dept. of Health, Education, and Welfare, Consumer Protection and Environmental Health Service, Bethesda, Maryland, in support of the following:
- 1) 27,034.00 - "Mastitis Screening Tests for Mixed Herd Milk" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Agric. & Life Sciences, Veterinary Science. Grant 2-R01-UI-00124-07 (144-9325)
- 2) 21,130.00 - "Coalescence of Drops in a Gaseous Medium" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Engineering, Chemical Engineering. Grant 2-R01-AP-00421-04 (144-9342)
40. Dept. of Health, Education, and Welfare, Health Services and Mental Health Administration, Bethesda, Maryland, in support of the following:
- 1) - Extends termination date from Oct. 31, 1968 to Oct. 31, 1969. "Cytological Study of Nucleic Acid in Developing Nerve" at a total cost of \$4,200. UW-MSN, Med. School, Anatomy. Grant 1-R03-MH-15294-01 (144-8601)
- 2) 58,309.00 - "Computer-Based Medical Interviewing Project" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Medicine. Grant 5-R01-CD-00258-02 (144-9201)

Research

40. (cont'd.) Dept. of Health, Education, and Welfare, Health Services and Mental Health Administration, (cont'd.)
- 3) \$ 81,162.00 - "Coordination and Decision-Making in Mental Hospitals" for the period Sept. 1, 1968 through Aug. 31, 1969. UWEX, Liberal and Professional Education, Center for Advanced Study Organization Science. Grant 5-R01-MH-14925-03 (144-9216)
 - 4) 23,760.00 - Research Scientist Development Award Type II in connection with research entitled "Investigation of Fear and Learned Autonomic Control" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Psychology. Grant 5-K02-MH-35324-02 (144-9271)
 - 5) 63,533.00 - "Psychophysiological Aspects of Adaptative Capacities" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. Center, Wisconsin Psychiatric Institute. Grant 5-R01-MH-12858-03 (144-9341)
41. Dept. of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, in support of the following:
- 1) - Extends termination date from Apr. 30, 1968 to June 30, 1968. "Experimental Pulmonary Vascular Lesions" at a total cost of \$14,044. UW-MSN, Med. School, Pathology. Grant 1-R01-HE-11141-01 (144-7745)
 - 2) 5,059.00 - "Biological Control of Pantheine Levels" for the period Dec. 1, 1967 through Nov. 30, 1968 at a total cost of \$20,557. UW-MSN, Med. School, Physiological Chemistry. Grant 3-R01-AM-11001-02S1 (144-8348)
 - 3) - Extends termination date from April 30, 1969 to April 30, 1970. "Radiation Effect on Protein and Nucleic Acid Metabolism" at a total cost of \$31,712. UW-MSN, Med. School, Radiology. Grant 2-R01-CA-08318-04 (144-8751)
 - 4) - Amends Special Provisions. "Conduct a feasibility study in determining individual practice profiles of physicians as a basis for continuing education of these physicians utilizing a postgraduate preceptor technique" for the period June 1, 1968 through May 31, 1969 at a total cost of \$75,625. UWEX, Liberal and Professional Education, Health Science Area - Medicine. Contract PH-108-68-11, Mod. No. 1 (144-8758)
 - 5) 68,626.00 - "Study of Citrulline and Carbamyl Aspartate Biosynthesis" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Physiological Chemistry. Grant 5-R01-CA-03571-12 (144-9106)
 - 6) 39,262.00 - "Submicroscopic Organization of Chromosomes" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Zoology. Grant 5-R01-GM-04738-13 (144-9149)

Research

41. (cont'd.) Dept. of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 7) \$ 27,519.00 - "Function of Ribosomes in Protein Synthesis" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Zoology. Grant 5-R01-GM-12411-05 (144-9151)
 - 8) 24,222.00 - "Improvement of Diagnostic Ultrasonics" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Radiology. Grant 5-R01-CA-08958-03 (144-9181)
 - 9) 46,357.00 - "Architectonic and Synaptic Organization in the Brain" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Anatomy. Grant 5-R01-NB-06662-03 (144-9182)
 - 10) 47,558.00 - "Virus Effects on Cells: Cell Growth Versus Cell Death" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Medical Microbiology. Grant 5-R01-CA-05682-08 (144-9206)
 - 11) 34,802.00 - "Studies on Tumor Virus-Host Cell Interactions" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Medical Microbiology. Grant 5-R01-CA-10395-02 (144-9207)
 - 12) 13,757.00 - "Ketogenesis in the Ruminant" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Agric. & Life Sciences, Dairy Science. Grant 5-R01-AM-08546-05 (144-9211)
 - 13) 19,969.00 - "Metabolism of Hydroxykynurenine" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Clinical Oncology. Grant 5-R01-CA-03274-12 (144-9213)
 - 14) 16,500.00 - "Association-Dissociation Reactions in Protein Systems" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Chemistry. Grant 5-R01-GM-14963-02 (144-9215)
 - 15) 25,931.00 - "Cytomorphology and Cell Differentiation in Hydra" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Anatomy. Grant 5-R01-GM-06934-10 (144-9224)
 - 16) 20,770.00 - "The Biological Effects of Insulin" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Gynecology and Obstetrics. Grant 5-R01-AM-09852-04 (144-9260)
 - 17) 30,130.00 - "Children's Cancer Study Group A" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Pediatrics. Grant 2-R10-CA-05436-09 (144-9262)
 - 18) 53,908.00 - "Study of Exocrine Gland Function in Cystic Fibrosis" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Pediatrics. Grant 2-R01-AM-06365-07 (144-9263)

Research

41. (cont'd.) Dept. of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 19) \$ 24,365.00 - "Mouse Thymus Morphogenesis and Leukemogenesis" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Zoology. Grant 5-R01-CA-05281-09 (144-9264)
- 20) 18,451.00 - "Branching Processes and Population Growth" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Mathematics. Grant 5-R01-GM-13567-04 (144-9272)
- 21) 18,780.00 - Special Research Resource Grant in support of "Pilot Plant Operations" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Agric. & Life Sciences, Biochemistry. Grant 5-P07-FR-00226-05 (144-9326)
- 22) 41,207.00 - "Cardiopulmonary Adaptation to Exercise and Training" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. School, Medicine. Grant 5-R01-HE-07474-06 (144-9333)
- 23) 634,400.00 - "Central Clinical Drug Evaluation Program" for the period September 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Clinical Oncology. Grant 2-R10-CA-06071-08 (144-9345)
- 24) 28,335.00 - "Physiology of Insect Photoperiodism" for the period Oct. 1, 1968 through September 30, 1969. UW-MSN, Agric. & Life Sciences, Entomology. Grant 5-R01-GM-07557-09 (144-9353)
- 25) 32,374.00 - "Biochemical Hydroxylation of Steroid Hormones" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. School, Gynecology and Obstetrics. Grant 7-R01-GM-16742-01 (144-9355)
- 26) 11,765.00 - "Chemical and Biological Nature of Bacteriocins" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Agric. & Life Sciences, Bacteriology. Grant 1-R01-AI-08737-01 (144-9356)
- 27) 10,996.00 - "Alloxan-Induced Hereditary Diabetes Mellitus" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. School, Pathology. Grant 5-R01-AM-10920-03 (144-9359)
42. Dept. of Health, Education, and Welfare, Office of Education, Washington, D. C., in support of the following:
- 1) 6,100.00 - Preparation of two volumes of Modern Hebrew Readers entitled "Newspaper and Radio Hebrew" and "Modern Hebrew Literature" for the period June 1, 1966 through May 31, 1969 at a total cost of \$42,350. UW-MSN, L & S, Hebrew and Semitic Studies. Contract OEC-3-6-061385-1631, Mod. No. 2 (144-6884)

Research

42. (cont'd.) Dept. of Health, Education, and Welfare, Office of Education, (cont'd.)
- 2) \$ - Extends termination date from Dec. 31, 1967 to Nov. 30, 1968. "Barrier to Employability of Non-White Workers" at a total cost of \$99,863. UWM, Institute of Human Relations. Grant OEG-3-6-062410-1991, Rev. No. 2 (144-7111)
- 3) 8,053.00 - Research on the Determination of Teacher Salary Increases for the period June 20, 1968 through Apr. 20, 1969. UWM, School of Business Administration. Grant OEG-0-8-080096-3717(010), Project 8-E-096 (144-8980)
43. - Dept. of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland. Service Agreement for the Preparation of Earnings History Records. Furnishing of 1964 and 1965 quarterly earnings for accounts having maximum reportable annual earnings for either or both years at an estimated cost of \$5,661 in connection with research entitled "Effects of Ability, Family Background, and Education on Earnings and Careers" for the period Sept. 1, 1966 through Aug. 31, 1967. UW-MSN, L & S, Sociology. Subgrant No. 2 under Prime Grant CRD-314-6-208 (144-6887)
44. 17,304.00 - Dept. of the Interior, Federal Water Pollution Control Administration, Washington, D. C. "Atomic Absorption Analysis of Phosphates in Water" for the period Sept. 1, 1968 through Aug. 31, 1969. UWM, L & S, Chemistry. Grant WP-01454-01 (144-9357)
45. 155,000.00 - Dept. of the Interior, Geological Survey, Washington, D. C. Investigation of the Water Resources of the State of Wisconsin. UWEX, Division of Economic and Environmental Development, State Geologist. Cooperative Agreement dated July 1, 1968 (No Account Number)
46. - Dept. of Labor, Manpower Administration, Washington, D. C. Extends termination date from Sept. 24, 1968 to Aug. 31, 1969. "Education, Training and Mobility as Determinants of Income: A Comparative Study of India and U. S. A." at a total cost of \$11,565. UW-MSN, L & S, Industrial Relations Research Center. Grant No. 91-53-68-21, Mod. No. 1 (144-8291)
47. 250,000.00 - National Aeronautics and Space Administration, Washington, D. C. "Multidisciplinary Research in Space Sciences and Engineering with Emphasis on Theoretical Chemistry" for a period of approximately three (3) years, beginning July 1, 1968. UW-MSN, Grad. School, 144-6161, \$100,000; UW-MSN, L & S, Theoretical Chemistry Institute, 144-4180, \$150,000. Grant NGL 50-002-001 (formerly NsG-275), Supplement No. 6.

Research

48. \$ - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama. Establishes final overhead rates postdetermined for the period Sept. 30, 1966 through Dec. 31, 1966 and predetermined for the period Jan. 1, 1967 through June 30, 1968. "Development and Construction of X-Ray Astronomy Experiment SO-27". Total amount obligated for Sept. 30, 1966 through Dec. 31, 1968 is \$684,461. UW-MSN, L & S, Physics. Contract NAS8-21015, Mod. No. 6 (144-7202)
49. National Science Foundation, Washington, D. C. in support of the following:
- 1) - Extends termination date from June 30, 1969 to Dec. 31, 1969. "Water Budget of Native Plant Communities" at a total cost of \$49,800. UW-MSN, L & S, Botany. Grant GB-3548 (144-5989)
 - 2) - Extends termination date from Oct. 1, 1968 to Oct. 1, 1969. "Study of Electrogenenerative Hydrogenation" at a total cost of \$35,200. UW-MSN, College of Engineering, Chemical Engineering. Grant GK-631 (144-6395)
 - 3) - Extends termination date from May 31, 1968 to approximately Nov. 30, 1969. "Biochemical Studies of the Pituitary Complex" at a total cost of \$55,100. UW-MSN, L & S, Zoology. Grant GB-4963 (144-6829)
 - 4) (1,200.00)- "Inequity and Cooperation" for a period of approximately two (2) years, effective Sept. 1, 1967, at a total cost of \$77,200. Funds totaling \$38,062 are subcontracted to the University of Washington. UW-MSN, L & S, Sociology. Grant GS-1695, Amend. No. 1 (144-7873)
 - 5) 24,800.00 - "Combinatorial Methods in Algebra and Geometry" for a period of approximately one (1) year, effective Sept. 15, 1968. UW-MSN, L & S, Mathematics. Grant GP-9313 (144-9112)
 - 6) 43,500.00 - "Financial and Real Sectors of the Economy" for a period of approximately two (2) years, effective Sept. 1, 1968. UW-MSN, L & S, Economics. Grant GS-2305 (144-9332)
 - 7) 80,300.00 - "Theory of the Monte Carlo Computational Technique" for a period of approximately two (2) years, effective Sept. 1, 1968. UW-MSN, L & S, Computer Sciences. Grant GJ-171 (144-9334)
 - 8) 69,600.00 - "Mathematical Symbol Manipulations" for a period of approximately two (2) years, effective Sept. 1, 1968. UW-MSN, L & S, Computer Sciences. Grant GJ-239 (144-9335)
 - 9) 79,300.00 - "Negro Self-Image and Attitudes Toward Physical Traits" for a period of approximately two (2) years, effective Sept. 1, 1968. UW-MSN, L & S, Sociology. Grant GS-2288 (144-9343)

Research

49. (cont'd.) National Science Foundation, (cont'd.)
- 10) \$ 37,500.00 - "Spore Germination and Development in the Rust Fungi" for a period of approximately two (2) years, effective Sept. 15, 1968. UW-MSN, L & S, Botany. Grant GB-8098 (144-9346)
- 11) 30,550.00 - "Reduced States of the Transitional Elements" for a period of approximately two (2) years, effective Sept. 1, 1968. UW-MSN, L & S, Chemistry. Grant GP-9300 (144-9354)
- 12) 75,100.00 - "Recursive Decision Systems" for a period of approximately twenty-two (22) months, effective Oct. 15, 1968. UW-MSN, L & S, Economics. Grant GS-2332 (144-9367)
- 13) 2,100.00 - "Patterned Ground Studies in Antarctica" for the period Sept. 1, 1968 through Feb. 28, 1970. UW-MSN, L & S, Geology and Geophysics. Grant GA-4206 (144-9369)
- 14) 34,200.00 - "Models for Self-Diagnosing and Self-Repairing Computers" for the period Oct. 9, 1968 through April 8, 1971. UW-MSN, Engineering, Electrical Engineering. Grant GK-3844 (144-9376)
- 15) 38,300.00 - "Aromatic Oxygenation with Peroxides" for the period Oct. 9, 1968 through April 8, 1971. UWM, L & S, Chemistry. Grant GP-9288 (144-9377)
- 16) 26,600.00 - "Structures of Layer Silicate Minerals" for the period Oct. 1, 1968 through March 31, 1971. UW-MSN, L & S, Geology and Geophysics. Grant GA-1681 (144-9378)
50. Dept. of the Navy, Office of Naval Research, Washington, D. C., in support of the following:
- 1) 25,000.00 - Molecular systems relating molecular structure, spectroscopic data, and macroscopic properties for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Physics. Contract N00014-67-A-0128-0007 (144-9223)
- 2) 38,654.00 - "Synthesis, Characterization and Reaction Chemistry of Polyhedral Borane Compounds Containing One or More Heteroatoms Such as Silicon, Germanium, and Tin in the Polyhedral Framework" for the period Oct. 1, 1968 through Sept. 30, 1970. UW-MSN, L & S, Chemistry. Contract N00014-67-A-0128-0008 (144-9348)
51. 885,969.00 - Office of Economic Opportunity, Washington, D. C. Graduated Work-Incentive Study for the period July 1, 1967 through June 30, 1969 at a total cost of \$1,506,047. UW-MSN, L & S, Institute for Research on Poverty. Grant CG-8486 A/1 (144-8306)

Research

52. \$ 56,552.00 - Purdue Research Foundation, Lafayette, Indiana (prime contractor with the Agency for International Development). Project to study systematically the experience of the AID University-Contract Program of Technical Assistance in the field of rural development for the period July 1, 1965 through June 30, 1969 at a total cost of \$313,051. UW-MSN, Agric. & Life Sciences, International Agricultural Programs. Mod. No. 5 to Subcontract No. 1 under Prime Contract AID/csd-840. (144-6296)
53. Wisconsin Regional Medical Program, Inc. Milwaukee, Wisconsin (prime contractor with Dept. of Health, Education, and Welfare, National Institutes of Health), in support of the following:
- 1) 22,203.00 - "Dial Access Library--M.D.", "Dial Access Library--Nurses", and "Single Concept Films" for the period Sept. 1, 1968 through Nov. 30, 1968. UWEX, Division of Liberal and Professional Education, Medicine. Letter dated Sept. 5, 1968 under Prime Grant 3-G03-RM-00037 (144-9256)
 - 2) 140,805.00 - "Study Program for Uterine Cancer Therapy and Evaluation" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Gynecology and Obstetrics. Letter dated Sept. 5, 1968 under Prime Grant 3-G03-RM-00037 (144-9261)
 - 3) 86,807.00 - "A Cooperative Cancer Chemotherapy Program for Adults" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Clinical Oncology. Letter dated Sept. 5, 1968 under Prime Grant 3-G03-RM-00037 (144-9275)
54. 34,703.70 - Wisconsin State Commission on Aging, Madison, Wisconsin (prime contractor with Dept. of Health, Education, and Welfare). "Television Series for the Aging" for the period Oct. 1, 1968 through Sept. 30, 1969. UWEX, Educational Communications, Television. Contract 015 (144-9127)

Libraries

1. \$ 15.00 - Dr. Paul C. Houk, Oklahoma City, Oklahoma, given in memory of the late Mrs. William S. Middleton;
- 25.00 - Dr. Harold J. Werbel, Delavan, Wisconsin, given in memory of the late Emil Werbel, Rose and Bernard Glick, and Dr. S. K. Hurwitz;
- 40.00 - to be added to the Friends of the Medical Library Fund. (133-5690)
2. 35.00 - Various donors, given in memory of the late Miss Eileen H. Davis, Madison, to be used for any purpose benefiting the William S. Middleton Medical Library at the discretion of the Medical Librarian. (133-6642)
3. 10.00 - Anonymous donor, to be added to the Friends of the University of Wisconsin Library Fund. (133-822)
4. Wisconsin Society for Jewish Learning, Inc., Milwaukee, additional gifts to support the acquisition of volumes related to the Department of Hebrew Studies and Hebraica generally:
 - (1) 125.00 - To the Department of Hebrew Studies Library at UWM (133-3466)
 - (2) 250.00 - To the University of Wisconsin-Milwaukee Library (133-3644)

Physical Plant

1. \$ 1,500.00 - Harry J. Grant Foundation, Milwaukee, Wisconsin, an additional contribution to be used to construct buildings for the Elvehjem Art Center. (Trust)
2. 500.00 - Various donors, to be used for tiling the floors in the headquarters building at the Ashland Experimental Farm. (133-6685)
3. 5,969.00 - Various donors, to be used for the construction of a new building at the Hancock Experimental Farm. Additional contributions may be added to this fund from time to time. (133-6136)
4. 50.00 - University of Wisconsin-Milwaukee Student Nurses Organization, Milwaukee, a gift to be used for furnishings for the new UWM School of Nursing Building at the discretion of the UWM School of Nursing faculty. (133-6681)

Miscellaneous

1. \$ 150.00 - Anonymous donor, to be used at the discretion of the chairman of Pathology for any purpose in regard to the programs of the department without regard to State fiscal and purchasing procedures and regulations. (133-6647)
2. 2,000.00 - Cooperative Educational Service Agency No. 9, Green Bay, Wisconsin, to assist in the design of a vestpocket park concept in Two Rivers, Wisconsin - University Extension. (133-6640)
3. 300.00 - Professor R. H. Dett, Jr., Madison, Wisconsin, a gift to be used to defray the cost of photographic services. (133-5218)

Miscellaneous

- NOTE
4. \$ 3,000.00 - The ~~Cramer~~-Krasselt Company, Milwaukee, Wisconsin, to defray expenses of the "College Radio" Survey in the Instructional Communications Center at the University of Wisconsin-Milwaukee. (133-6680)
 5. 5,205.48 - Governor's Council on Physical Activity and Sports for Fitness, Madison, Wisconsin, for the organization and implementation of a state program for Physical Activities and Sports for Fitness, University Extension. (133-6676)
 6. 500.00 - ~~Gynecology~~-Obstetrics Associates, Madison, Wisconsin, to support the research of the Gynecology-Obstetrics Associates in accordance with terms previously approved. (133-6296)
 7. 500.00 - The ~~Johnson~~ Foundation, Inc., Racine, Wisconsin, to pay the expenses of speakers attending the annual Wisconsin Idea Theatre Conference - University Extension. (133-6643)
 8. 2,275.00 - ~~Lakeside~~ Laboratories, Milwaukee, Wisconsin, to be used for any purpose at the discretion of the Chairman of the Department of Neurology without regard to limitations imposed by State fiscal procedures and regulations. (133-5977)
 9. 4,829.00 - ~~National~~ Education Association, Washington, D. C., to support the Wisconsin Lifetime Sports Education Project - University Extension. (133-6678)
 10. 7,000.00 - ~~S. E. M.~~ Foundation, Inc., Milwaukee, Wisconsin, to continue support of the Summer Evenings of Music Program at the University of Wisconsin-Milwaukee. (133-2593)
 11. 6,500.00 - State Medical Society of Wisconsin (Wisconsin Physicians Service), Madison, to cover the costs of taping major portions of the Sixth Wisconsin Work Week of Health and of promoting and televising the series - University Extension. (133-6646)
 12. 100.00 - ~~University~~ of Wisconsin Foundation, Madison, a contribution made by Guy-Harold Smith in memory of the late Elizabeth B. Smith 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)
 13. 7,500.00 - ~~Wisconsin~~ Society for Jewish Learning, Inc., Milwaukee, to support special projects in the Department of Hebrew and Semitic Studies. (133-2310)

Miscellaneous

14. Agency for International Development, Washington, D. C., in support of the following:
- 1) \$ - Modifies Special Provisions. A program of technical assistance to the Federation of Nigeria in developing a land grant type agricultural college at the University of Ife for the period Dec. 15, 1964 through Dec. 31, 1968. Total estimated cost through Dec. 31, 1970 is \$2,896,976. UW-MSN, Agric. & Life Sciences, International Agricultural Programs. Contract AID/afr-262, Amend. No. 5 (144-5695)
 - 2) 228,041.00 - A program to render technical advice and assistance to the Federation of Nigeria by providing developmental, advisory, and teaching services for the Ibadan and Akure Schools of Agriculture for the period Oct. 1, 1966 through Sept. 30, 1968. Total estimated cost through Sept. 30, 1970 is \$1,132,942. UW-MSN, Agric. & Life Sciences, International Agricultural Programs. Contract AID/afr-350, Amend. No. 2 (144-6837)
 - 3) - Extends termination date from Sept. 15, 1968 to Oct. 15, 1968. General Backstopping and Administrative support for Task Order Services under the Basic Agreement for the period Apr. 16, 1967 through Oct. 15, 1968 at a total estimated cost of \$423,435, with \$64,645 specifically allocated to the Board for International Cooperative Training, Inc. UWEX, Division of Human Resource Development, International Cooperative Training Center. Amend. No. 3 to Task Order No. 1 under Basic Agreement AID/csd-1506 (144-7700)
15. 10,475.62 - U. S. Armed Forces Institute, Madison, Wisconsin. Payment for 3000 copies of Study Guide E457.1, History of Western Civilization to 1500 with Solutions Manual Manuscript. UWEX. Contract DAHC11-69-C-0085 (No Account Number)
16. 136,209.00 - Dept. of Commerce, Office of Administrative Services, Washington, D. C. Northern Wisconsin Development Center for the period July 1, 1967 through June 30, 1969 at a total estimated cost of \$291,614. UWEX, Division of Economic and Environmental Development, Northern Wisconsin Development Center. Contract C-316-66 (Neg.), Amend. No. 5 (144-7883)
17. - Dept. of Health, Education, and Welfare, Office of Education, Washington, D. C. Modifies special provisions. 1968-69 College Year in India Program for the period June 1, 1968 through May 31, 1969 at a cost of \$13,500 equivalent in Indian Rupees made available in India and \$34,100 in dollars. UW-MSN, L & S, Indian Studies. Grant OEG-8-(21-22)-0030, Amend. No. 1 (144-9078)
18. 7,200.00 - Wis. Arts Foundation and Council, Milwaukee, Wisconsin (prime contractor with the National Foundation on the Arts and the Humanities, National Endowment for the Arts) A series of two-day residencies of the Milwaukee Repertory Theater at eight centers. Grant terminates June 30, 1969. UWCS, Student Affairs, Lectures and Fine Arts Programs. Grant E69-2 (144-9361)

Miscellaneous

19. \$ - Educational Television Stations Program Service, Bloomington, Indiana (prime grantee with the National Foundation on the Arts and the Humanities). Extends termination date from Sept. 1, 1968 to Nov. 1, 1968. Arts Incentive Program entitled "Urban Aesthetics: Milwaukee and Madison" at a total cost of \$3,000. UWEX, Educational Communications, Radio and Television. Letter of Aug. 30, 1967 as amended by letters of Dec. 11, 1967; Apr. 9, 1968; and Oct. 10, 1968 (144-8273)
20. 25,000.00 - Dept. of Health, Education, and Welfare, Office of Education, Washington, D. C. For the costs of developing and carrying out the Wisconsin State Plan for Community Service and Continuing Education Programs for Fiscal Year 1969 under Title I of the Higher Education Act of 1965. Total fiscal Year 1969 Allotment for the Wisconsin State Plan is approximately \$190,148, a portion of which will be awarded to institutions other than the University of Wisconsin. UWEX, Title I of the Higher Education Act. No Agency Number (144-8870)

Gifts-in-Kind

1. The Falk Corporation, Milwaukee, Wisconsin, a gift of three models of gear reduction units to the College of Applied Science and Engineering at the University of Wisconsin-Milwaukee, valued at \$200 by the donor.
2. Professor Thomas J. Hixon, Madison, Wisconsin, a gift of professional journal issues to the Department of Communicative Disorders for use by its students, evaluated at approximately \$415.
3. Dr. Kenneth Lyoto, Brookfield, Wisconsin, a gift of psychological periodicals, monographs, and abstracts to the University of Wisconsin-Milwaukee Library, evaluated by the Director of the Library at \$279.
4. Marathon Press Company, Wausau, Wisconsin, a gift to the Art Department of the Marathon County Campus of the University of Wisconsin Center System of the machinery listed below:

8 x 12 Chandler and Price Platen Press, motor and speed control in first-class condition, valued by the donor at \$600

Liberty Folding Machine 17 x 22, Junior Model 90, Serial No. 2998, valued by the donor at \$400
5. Father Austin Schläefer, Milwaukee, Wisconsin, a gift of books relating to the Spanish Civil War and historical biographies to the University of Wisconsin-Milwaukee Library, evaluated by the Director of the Library at \$230.50.
6. Dean C. Edward Weber, Milwaukee, Wisconsin, a gift of 34 volumes in the field of Business Administration to the University of Wisconsin-Milwaukee Library, evaluated by the Director of the Library at \$85.
7. Donors listed below, gifts of books to the Library of the Baraboo-Sauk County Campus of the University Center System:

Mrs. Helen H. Baldwin, Baraboo, Wisconsin - valued at \$500
Mrs. Paul A. Herfort, Farmington, New Mexico - valued at \$50
Mr. and Mrs. Paul A. Wilkinson, Prairie du Sac, Wisconsin - valued at \$200

Student Aid

34. \$ 500.00 - Wisconsin Road Builders Association, Madison, a gift to be added to their scholarship fund for civil engineering students. (133-4867) S
35. 500.00 - Wisconsin Society of Certified Public Accountants Educational Foundation, Inc., Milwaukee, to continue support of a scholarship to be awarded to an undergraduate accounting major at the University of Wisconsin-Milwaukee, chosen on the basis of scholastic standing and financial need. (133-6112) S
36. 29,661.18 - Wisconsin Student Association, representing proceeds from fines levied by the Student Court, to be added to the Wisconsin Student Association Scholarship Fund. (Trust) S

Student Aid

37. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, in support of the following:
- 1) \$ 16,031.00 - Nursing Educational Opportunity Grant Program for the period July 1, 1968 through June 30, 1969 at a total cost of \$47,150. UW-MSN, Student Affairs, Student Financial Aids. Grant NEOG-36-02S1 (144-8613, Initial Awards; 144-8614, Renewal Awards; 144-8615, Merit Awards)
 - 2) 8,296.00 - Nursing Educational Opportunity Grant Program for the period July 1, 1968 through June 30, 1969 at a total cost of \$24,400. UWM, Student Affairs, Student Financial Aids. Grant NEOG 200-02S1 (144-9190, Initial Awards; 144-9190, Renewal Awards; 144-9191, Incentive Awards)
38. 14,895.00 - Department of Health, Education, and Welfare, National Institutes of Health, Arlington, Virginia. Nursing Student Loan Program for the period July 1, 1968 through June 30, 1969 at a total cost of \$48,150. UWM, General Educational Administration, Student Financial Aids. Grant B-5-59-0125-05-1, Letter Dated Aug. 14, 1968 (Fund 148)

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

1 November 1968

	Items Processed 9/24/68 through 10/21/68 to be <u>Accepted 11/1/68</u>	Items Processed 10/3/67 through 11/6/67 Accepted <u>11/17/67</u>
Unrestricted	\$ 1,035.00	\$ 9,359.87
Instruction	472,299.51	1,056,046.92
Student Aid	1,395,057.36	47,922.07
Research	4,176,764.62	3,053,941.59
Libraries	460.00	6,819.35
Physical Plant	8,019.00	775.00
Miscellaneous	446,785.10	102,394.22
Gifts-in-Kind	<u>2,959.00</u>	<u>23,099.25</u>
Totals, November	\$ 6,503,379.59 (1)	\$ 4,300,358.27 (2)
Previously Reported	<u>23,695,817.82</u>	<u>39,376,949.75</u>
GRAND TOTALS	\$ 30,199,197.41	\$ 43,677,308.02

(1) Includes \$6,067,384.82 from Federal Agencies

(2) Included \$3,854,415.09 from Federal Agencies

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS

to the

BOARD OF REGENTS

AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD

November 1, 1968

Report of Actions Taken by Wisconsin State Building Commission on September 9, 1968, Affecting the University

1. Approved the advance of State Building Trust Funds to purchase parcels of land within the approved expansion area (Madison), as follows:

- a. \$ 15,025.00)
- b. \$264,050.00) Release 2225 - \$279,075.00)

2. Authorized bidding and construction of the 600 North Park Street facility (Madison), at a total estimated budget of \$8,382,974, financed by \$7,213,674 from State Agencies Building Corporation, \$400,000 from Gift and Grant funds, and \$769,300 of self-amortizing funds, for an increase of (approximately) \$2,300,000 of State Funds. (Authorization A-584)

3. Confirmed the August 28, 1968 mail ballot by which members of the Building Commission approved an increase of \$345,000 in the project budget of the Enzyme Research Addition (Madison), for a new budget total of \$1,720,000. (Authorization A-587)

4. Authorized an increase in the project budget of the Communication Arts Building (Madison) by an amount not to exceed \$800,000, to be financed by the State Agencies Building Corporation, subject to the explicit review of the University Affairs Subcommittee and with the provision that the Subcommittee report to the Building Commission at its November 1968 meeting.

5. Deferred action until November 1968 on the question of the University of Wisconsin-Milwaukee expansion area.

6. Approved bills for the University of Wisconsin-Milwaukee campus expansion study in an amount not to exceed \$30,000. (Release 2237 - \$500 - and Authorization A-588)

7. Adopted the resolution authorizing the Wisconsin State Agencies Building Corporation to apply to the Office of Education of the Department of Health, Education and Welfare for the maximum available loan amount for the Undergraduate Library at 600 North Park Street, Madison.

(The minutes of the August 1968 meeting of the Wisconsin State Building Commission have not as yet been issued.)

UNIVERSITY OF WISCONSIN REPLY TO CCHE #12 - GRADUATE EDUCATION IN WISCONSIN

I. MISSIONS OF THE SYSTEMS

The first series of questions have to do with missions of the systems of higher education in the State of Wisconsin:

A. What further definition of missions of the systems and institutions within the systems is required other than that provided in the general citation of state laws?

The University of Wisconsin Board of Regents have found the statutory citations (Chapter 36) relative to the University of Wisconsin to be an adequate and explicit indication of the legislative charge to the University of Wisconsin and of the mission inherent in legislative intent. Within the framework of that charter the Board of Regents has over the years attempted to carry out its responsibilities and has in the process developed and sought to maintain one of the most outstanding universities in the world. The Board, operating under its statutory charge, has sought to define the missions of the system and of its individual campuses in such a way as to prescribe their development. Recent examples of the University effort in this area include the following:

1. A mission statement for the UW-Milwaukee was approved by the Regents in May, 1968.
2. The academic plans developed for UW-Parkside and UW-Green Bay have defined distinct missions and programs for each campus.
3. A mission statement for University Extension was approved by the Regents on September 6, 1968.
4. A special committee has recommended to the President and the Chancellor of the UW Center System an updated mission and goals statement for the Center System. This statement will be reviewed by the Chancellor and faculty in the months ahead and then presented to the central administration and the Regents.
5. A University Faculty Assembly Committee has been appointed to assist in a study of Chapter 36 of the Statutes. It is expected that recommendations for updating this Chapter will be presented to the Regents during 1968-69.
6. The University Codification Committee has worked diligently and effectively over the past few years, to update the Laws and Regulations of the UW. Inherent in this effort is further specification of the means and mechanisms by which the mission of the University is discharged.

B. If the concept of "peaks of excellence" is to be useful, how and when can unique strengths and limitations of each university in the state be identified?

The Board of Regents of the University of Wisconsin has found the concept of "peaks of excellence" to be very useful in developing the Milwaukee campus, the Parkside campus and the Green Bay campus. Mission statements for these units, already submitted to CCHE, identify specialized areas of excellence in

EXHIBIT

B

which each unit is expected to develop and serve the state. In defining areas of excellence and of regional emphases for each of its newer degree-granting campuses, the Board of Regents has sought to provide complementary teaching, research and public service programs and to avoid unnecessary duplication.

C. Is there a definitive and unique mission for each system? For each institution in each system?

The answers under A and B above indicate that the University of Wisconsin Board of Regents has sought to develop a definitive mission for each unit and one which is compatible with the overall mission of the University as specified * in the statutes. A mission statement for the Madison Campus is being developed * and, once approved by the Regents, will round out an integrated mission for the University.

D. Are the plans for graduate programming on the Green Bay and Parkside campuses proceeding with the goal of early implementation of programs at the doctoral level?

CCHE staff paper #12 acknowledges the "even greater demand for graduate work." CCHE enrollment projections indicate that ten years from now 36,800 students will be looking for opportunities for graduate work in Wisconsin. This is more than 5 times as many as were enrolled in 1963 and nearly three times as many as are now accommodated at the University of Wisconsin and state university systems.

The plans for graduate programming on the Green Bay and Parkside campuses are not proceeding with a goal of early implementation of programs at the doctoral level. However, to fail to plan for graduate programming at these two campuses would be short-sighted and unfortunate. One of the intentions * underlying the establishment of Green Bay and Parkside was to slow the under-graduate, professional, and graduate growth rate on the Madison campus in particular. Graduate programming within UWP and UWGB foci will have to occur on both the new campuses as soon as the faculty and resources are able to support it. It is further reasonable to expect that the first phase of such graduate programming will be cooperative with the Madison and Milwaukee campuses. With the increasing requirements in many professional areas for Masters degree training it is clear that Masters level programming will be an early goal on both Parkside and Green Bay campuses.

II. MAJOR UNIVERSITY STATUS

The second series of questions have to do with the meaning and implications * of "major university." Since the questions were posed, CCHE has reached a number * of conclusions regarding the term itself which may obviate the need for these answers.

A. What does this term imply in relationship to the development of the University of Wisconsin, the Wisconsin State Universities, the State of Wisconsin and the nation?

The implication of major university status suggests the presence of Ph.D. programs, professional schools and selected areas of excellence. The Board of Regents determined in 1963 that major university status should be the goal for the University of Wisconsin-Milwaukee. This goal was reaffirmed and further refined in the UWM mission statement approved by the Regents in 1968. It is now understood that major university status for UWM implies "major urban university status" and suggests a goal of ranking in the top 100 institutions in the United * States. It further means concentration and excellence in those fields which relate * to the problems besetting huge metropolitan areas. The Board of Regents has not established a goal of "major university status" for units other than the Madison campus and UWM.

B. What criteria are used to determine a "major university?"

1. How are quality factors to be evaluated?

The quality of the University of Wisconsin is judged by various accrediting groups, national studies such as the Cartter report, national honors and recognitions afforded its faculty members, the subsequent success of its graduates and the nature of its impact on the state and national community.

2. What steps must be followed in the development of a "major university?"

Three steps are required. The first is determination of the academic programs through schools and colleges that will define the "major university," and second is the provision of adequate support to fund the programs. The third is implementation of the plan.

The experience of the Board of Regents over the years in developing the Madison campus indicates that attraction, development and retention of an excellent faculty is the key step in development of a major university. Provision of a stimulating and free academic environment, adequate facilities, imaginative administration, and the opportunity for extensive faculty participation are corollary steps. Concomitant development of a graduate school and strong professional schools undergirded by an excellent liberal arts program are structural features of a major university.

3. How many "major universities" should Wisconsin seek to develop?

The Board of Regents has not addressed itself to this question directly and while it has determined that a second "major university" within its system should be developed at Milwaukee, there is no current planning for a third or fourth.

4. Given limited availability of faculty of university stature, limited grant support sources and limited financial resources, are the best interests of graduate education served by proliferating institutions offering Ph.D. programs?

* The Board of Regents has determined that the best interests of graduate education within the University of Wisconsin system and mission would be best served by offering a wide range of Ph.D. programs on the Madison campus and by offering selected Ph.D. programs on the Milwaukee campus. * Such Ph.D. programs do not represent duplication, but the careful selection of Ph.D. offerings which give full expression to the breadth and depth of scholarship on the Madison campus and which support the mission and areas of excellence assigned to the University of Wisconsin-Milwaukee. It is * not expected that new doctoral programs in Madison or Milwaukee will duplicate * the special foci of UWP and UWGB.

III. BUDGETING CONSIDERATIONS

The next series of questions deal with budgetary considerations.

A. What magnitude of state resources would be required to develop an additional UW or State University to "major university" status within the next decade?

The only experience the University of Wisconsin has had in attempting to develop an additional campus into a "major university" has been at the

University of Wisconsin-Milwaukee. Recent cost studies in Milwaukee indicate that graduate level instruction per credit costs run approximately 3 1/2 times as high as freshman-sophomore instruction. Since the University of Wisconsin-Milwaukee is in the midst of its development to major university status, we do not yet have full cost data on this development. We are not in a position to estimate the exact cost of development of an additional major university in the state.

B. What have been the UW experiences concerning the developmental and per-student cost for Ph.D. programs on the Madison and Milwaukee campuses?

While it is estimated that the cost of graduate programming on the Madison and Milwaukee campuses runs over three times as much as the cost of freshman-sophomore programming, there are not data available either within the University of Wisconsin or on a national basis derived from any real situations in which the development and per-student costs for a Ph.D. program have been identified. However, the additional costs to develop UWM to major urban university status are likely to be in excess of \$20 million.

C. What are the appropriate levels of state support for graduate education? What types of financial support for graduate education can be anticipated from non-state sources?

The experience of the University of Wisconsin reflects the fact that state support for graduate education is effected through (1) an average cost per additional graduate student methodology (2) fellowships (3) tuition remissions (4) a portion of budgeted research funds and (5) specialized facilities for graduate independent study and research. However, extramural support (especially Federal) has been notable in recognition of the national character of UW's graduate schools. It has taken the form of fellowship support, of tuition and fees, research support for graduate level faculty, construction and facilities support, developmental grants, peaks of excellence support (UWM surface studies), and capital equipment acquisition support.

The UW, through efforts of the President and other officers, has been seeking major Federal support for graduate education on an institutional, per student basis. The NAASLGUC and ACE have been working toward this goal. Several studies and reports have urged expanded Federal support, but always with the understanding that the Universities themselves (and thus the State) continue to support graduate programs adequately.

D. Should state support for developing graduate programs at the state universities and UW-Green Bay and Parkside be comparable to those for Madison and Milwaukee? i.e., faculty load, faculty research support, faculty and administrative salaries, faculty-student ratios, etc?

- * The narrower foci of UWGB and UWP, their smaller size and their more limited
- * variety of programs will serve to distinguish them from UW-MSN and UWM, but within
- * this more limited context University of Wisconsin excellence and resources levels
- * will obtain.

*
IV. EVALUATION OF GRADUATE PROGRAMS

A. What criteria are recommended for review of graduate programs?

It would seem that there are three major sets of criteria for review of graduate programs. The first set of criteria are those applied by the faculty, administration and Board of Regents of the University. (e.g. Does the proposed program fit the mission of the proposing unit, is it educationally sound and well-conceived, and can it be mounted in the phases and time periods suggested?) The second set of criteria are those applied by the CCHE. (e.g. Does the proposed program unnecessarily duplicate other programs in the state)

The third set of criteria are those applied by the Governor and the Legislature. (e.g. Are there adequate financial resources to support the overall programs advanced by the systems and CCHE as a part of the biennial budget?)

B. Should criteria be the same for all universities? Should different criteria be used for the evaluation of master's and doctoral programs?

There seem to be no reasons to believe that the criteria for reviewing graduate programs should differ among universities, however, the weights attached to the criteria likely would differ. For example great weight should be given to the recommendations that arise on the Madison campus because of the demonstrated success of the University in establishing there one of the truly great graduate schools in the entire world.

At UWM great weight should be given to the criterion of institutional development in building a major urban university.

At Green Bay and Parkside the criteria of meeting expansion needs for graduate educational offerings not fulfilled elsewhere and for meeting regional developmental needs should be given great weight for example.

Again similar criteria would apply between masters and doctoral programs but the weighting system should be different. In new Ph.D. programs there is no substitute for experience in the faculty that comes from their own record of productive scholarship. Persons who are not themselves active researchers tested in professional publication are ill equipped to guide the research of Ph.D. candidates no matter how many courses are offered or required.

C. What procedures are followed or recommended to evaluate the capability of your institutions to offer graduate programs?

The University of Wisconsin has a validated and tested procedure for review of proposed graduate programs. It begins in the department and runs to the graduate school administrative committee and to the graduate faculty where it is subject to extensive questioning before being recommended to the Chancellor, President and the Board of Regents. University of Wisconsin-Milwaukee graduate school follows the added procedure of having an outside expert review the program, visit the campus and discuss the program with its supporters, and present the committee with an objective evaluation. The

Chancellor reviews the proposal relative to his unit's mission to determine its appropriateness and the central administration reviews all aspects of the proposal to determine its fitness for the mission of the unit, University and the extent of faculty and administrative review that has occurred.

D. What has been the UWM experience in the development of Ph.D. programs as evidenced by the costs, quality and number of students enrolled in present programs?

The University of Wisconsin-Milwaukee experience is that of an institution just over the threshold in offering initial Ph.D. programs. It is too early to develop or evaluate incremental costs or to gauge success of the program in terms of quality and number of students enrolled. It is clear that the enrollments are increasing each year and that the availability of graduate programs in the Milwaukee area itself generates an interest which might not otherwise have been expected. In 1967-68, UWM had 173 Ph.D. candidates.

E. What minimum criteria for the establishment of graduate programs are necessary in the following areas:

1. Faculty
2. Library
3. Facilities
4. Students

The University of Wisconsin has found that the criteria for the establishment of graduate programs vary greatly by field and that there can be no general answer to the question posed regarding faculty, library, facilities and students. The Dean of the Graduate School of the Madison campus at the CCHE Pigeon Lake conference was responsive to the question as it related to his experience. His remarks can be found on pages 156-8 of the Pigeon Lake Conference Report. Accreditation standards have a great effect on minimum criteria especially as they relate to faculty quality, salaries, teaching loads, libraries and laboratories, and the qualifications for admission of students and student research.

F. Should a pattern of graduate education be developed wherein most of the Ph.D. work is done in Madison with the rest of the institutions in the state developing master's programs, or should graduate work be divided more evenly among all the institutions in the state?

- * The answer to the first part of this question is "no!" The University
- * intends to follow a complementary pattern of graduate and professional work
- * on each of its four degree-granting campuses within the framework of their
- * respective missions. The Board of Regents of the University of Wisconsin has determined that while major broad-base Ph.D. programs offered in Madison should continue, selected Ph.D. work should be offered at the UWM campus. It has recently approved a mission statement which outlines the direction for UWM, and suggests doctoral programs appropriate to that mission. The Board has not yet determined that the two new campuses should offer Ph.D. work. With 36,800 students seeking graduate opportunities within 10 years, it seems unrealistic to have a limitation when "most of the Ph.D. work is done in Madison." As rapidly as resources permit, Ph.D. work should be expanded at UWM.

Graduate work at the masters level should develop where competence exists, quality can be maintained and need consistent with institutional mission can be demonstrated.

G. Should certain areas of graduate work be assigned to specific institutions with existing strengths in those areas, or should programs develop completely from within each unit?

The University of Wisconsin practice is that, given mission assignments to each unit, the units' schools, colleges and departments should develop programs which fit the mission and which build on existing strengths or seek the resources to build strengths where none exist. The Board of Regents has felt over the years that programs should be developed within a unit and be subject to Regents final review.

H. Should duplicating or similar programs at the Ph.D. level be approved when projected needs can be met on a single campus? If duplicating or similar Ph.D. programs are approved for more than one campus, will the program in the second campus appeal to a different level or type of student?

The Board of Regents of the University of Wisconsin has determined that Ph.D. programs are warranted on the Milwaukee campus in a limited number of areas. It has not been clear whether the availability of the second program in a particular area has appealed to a "different level or type of student" but it is clear that additional students have been drawn to the program beyond the number that would have gone to the single program offered on another campus.

Here, too, is perhaps the place to dwell on another facet of graduate program consideration. New programs, especially new graduate programs, cannot be judged exclusively or even primarily on the basis of whether present student demand can be met by expanding existing programs at another institution. In the first place, student demand is a relative term. It is one thing to talk about significant student demand for undergraduate offerings (where 100 or more might have to clamor), but quite another to talk about significant student demand for graduate programs (where annual output might total less than 5 and annual demand less than 20). The layman may not understand that 10-20 students seeking graduate work are as significant as 100-200 seeking undergraduate programs.

Ph.D. programs produce a very small number of Ph.D.'s each year, yet this modest output is proportionately of greater value to society than perhaps ten times that number of undergraduates. If it is an institution's goal to increase the number of Ph.D.'s in selected areas (as we intend at UWM), it may be possible to achieve a greater impact by offering a complementary program at a second institution than by seeking to significantly expand the present Ph.D. program where it exists. The attraction and stimulation of a new program in a second institution may result in more candidates and more products. The presence of the program in a particular community can have a beneficial effect on that community far beyond what the addition of ten students to the same program located in another community.

A Ph.D. program in selected areas also enables a campus to build faculty strength in research areas which, in turn, benefit local citizens, and industry. These areas have been carefully selected at UWM and they will benefit the community through application of research results and availability of specialized manpower.

V. PROJECTED DEVELOPMENTS OF GRADUATE PROGRAMS

A. What are the present and anticipated needs for graduate education in Wisconsin? The nation?

This question has been explored in depth by the National Science Foundation, the National Institutes of Health, the National Academy of Engineering, the U.S. Office of Education, other Federal agencies and institutes and by the CCHE itself. A report presented to the Regents dated July 15, 1968 gives an excellent summary of the projection of the graduate student enrollment at the University of Wisconsin-Madison. CCHE, in its enrollment estimates, has indicated that ten years from now there will be 36,800 students seeking graduate education. Going back ten years and looking at the estimates at that time versus today's realities, it is reasonable to expect that the 36,800 figure may be conservative.

B. Is a minimum umbrella or core graduate program critical in order to maintain quality undergraduate education at any degree-granting university?

It is reasonable to say that a minimum umbrella or core graduate program is not a necessary ingredient to maintain quality undergraduate education, since there are a number of examples especially of private schools to the contrary. At the same time, it must be noted that the presence of a core graduate program is of significant importance in recruiting high quality faculty and attracting extensive non-state financial support for the University. Its presence, in other words, aids in the support of the undergraduate program and, in and of itself, offers additional educational opportunity at the graduate level. The University of Wisconsin has found that the presence of a graduate program has indeed been a recruiting benefit, and a means of holding down the cost of undergraduate instruction.

C. What projections can now be made for the next two to five years which would identify major developments at the Ph.D. level in each system?

CCHE has requested and was furnished in August two-year program intentions for the University of Wisconsin. In early October it will be furnished four-year and ten-year program intention projections.

D. What is a reasonable proportion of non-resident graduate students on each campus? In each system? Should some priority be established for Wisconsin residents in graduate programs?

The Board of Regents of the University of Wisconsin in recognition of the fact that its graduate schools are both state and national in character and in recognition of the great mobility of students at the graduate level, has not seen fit to establish a quota system for non-resident graduate students. At the same time it should be noted that priority has always been given to qualified Wisconsin residents who apply for a graduate program. To our knowledge no qualified Wisconsin resident has been turned away.

E. Should a Coordinating Council Advisory Committee on the needs of graduate education be established? What type of membership is recommended? What other procedures should the CCHE employ to insure coordinated graduate planning in Wisconsin consistent with maximum institutional academic autonomy?

The University of Wisconsin has long been willing to cooperate with other systems and institutions in the state in offering graduate programs. It would appear that the informal inter-institutional relationship has been sufficient in the past and should continue to be sufficient in the future. The question of establishment of another CCHE Advisory Committee would seem to hinge more on the needs of the CCHE than those of the individual institutions.

Resolution Adopted By The Regents of The
University of Wisconsin on November 1, 1968

Resolved, that the Board of Regents of the University of Wisconsin does hereby reprimand the Daily Cardinal and its Board of Control for the use of language that is considered by the standards of this country to be unacceptable for public use.

Furthermore, it is the intention of this Board to take appropriate action whenever language standards are violated in any subsequent issues of that or any other University newspaper.

Resolved further, that the determination of language used shall continue to be left to the judgment and discretion of the Cardinal Board and other appropriate University boards of control.

We therefore request the Cardinal Board of Control to bring to the Board of Regents a plan with appropriate sanctions that will prevent future violation of language standards, and that such appearance will be no later than the January, 1969 regularly scheduled Board of Regents meeting.

EXHIBIT C

ORDER OF THE REGENTS OF THE UNIVERSITY OF WISCONSIN
ADOPTING RULES

Pursuant to authority vested in The Regents of the University of Wisconsin by Section 36.06 Wisconsin Statutes, The Regents of the University of Wisconsin hereby amends and creates rules as follows:

Section UW 1.07(18) of the WISCONSIN ADMINISTRATIVE CODE is created to read:

UW 1.07(18)(a) It is unlawful for any person to be present in any class, lecture, laboratory period, orientation session, examination, or other instructional session without the consent of a member of the university administration or faculty or other person authorized to give such consent.

(b) A person is present without consent as forbidden by paragraph (a), in the following circumstances: (i) if he is not then enrolled and in good standing as a member of such an instructional session, and refuses to leave such session on request of the member of the university administration or faculty or other person in charge thereof; (ii) if he is present during the conduct of any such instructional session and upon reasonable request therefor by the person in charge thereof refuses or fails to identify himself by written or documentary evidence as a person present with the consent required by paragraph (a), and refuses or fails to leave such session at request of the person in charge thereof.

(c) Any person violating the provisions of this section may be penalized as provided by Sections 36.06(8), 27.01(2), (5), (8), and 26.19, Wisconsin Statutes.

The amendments to rules and the created rules contained herein shall take effect as provided in section 227.026(1), Wisconsin Statutes.

THE REGENTS OF THE UNIVERSITY OF WISCONSIN


By:

Clarke Smith, Secretary

Dated:

SEAL

EXHIBIT D



**SUMMARY REPORT ON THE FUTURE DEVELOPMENT OF
THE UNIVERSITY OF WISCONSIN MEDICAL CENTER**

**Presented to the Wisconsin State Building Commission,
University Affairs Subcommittee**

13 September 1968

EXHIBIT E

This is a Summary of a Preliminary Planning Analysis for the University of Wisconsin Medical Center at Madison, prepared pursuant to authorization of the University Affairs Subcommittee of the State Building Commission.

Enclosed you will find:

Section I -- a report of the University Affairs Subcommittee of the Building Commission which sets forth a brief history of the planning efforts for the Medical Center and the Subcommittee's findings and recommendations which led to development of the Preliminary Planning Analysis.

Section II -- A summary by Dean Peter L. Eichman, M.D., of a comprehensive report on the academic role of the UW Madison Medical Center and its relationship to the health manpower needs of the State of Wisconsin.

Section III -- The summary findings of a study conducted by Lester Gorsline Associates International, Planning Consultants, dated August, 1968.

In keeping with the Subcommittee's guidelines for development of this Preliminary Planning Analysis, it is expected that recommendations on the initial stages of construction in the 1969 biennium for the Medical Center will be based on this long-range plan. After this presentation, the University expects to propose a number of actions for consideration and recommendation by the University Board of Regents to the State Building Commission providing for approval in principle of the development of the UW Medical Center as outlined in this Preliminary Planning Analysis, interim and temporary space needs necessary to implement this plan, and the necessary authority for the detailed development of Phase I of the plan.

SECTION I

WISCONSIN STATE BUILDING COMMISSION UNIVERSITY AFFAIRS SUBCOMMITTEE

FINDINGS AND RECOMMENDATIONS ON UNIVERSITY MEDICAL CENTER

Leading to the Present Report

For the better part of this decade the Wisconsin State Legislature has been deeply involved with and concerned about medical education in Wisconsin. This concern comes about not only because of inadequacies in the physical facilities and educational output of physicians at the University Medical Center in Madison, but also for two other very important reasons, one being the possible loss of the Marquette University Medical School facility and the other the obvious need to increase the number of graduate physicians in order to more adequately provide for the health care needs of the citizens of our communities, state and nation.

Over the past five years, the need for expansion and rehabilitation of the University Medical Center facilities has been exhaustively studied. In late 1963, a UW-Medical Center Committee of the Legislative Council was established to study the need for medical center facilities and recommend actions to satisfy these needs. This committee found numerous deficiencies in the existing physical facilities and a need to move ahead on the building program for the Medical Center. It recommended that the proposed six-year Medical Center building program be implemented to expand, replace and rehabilitate medical center facilities on the existing site and adjacent areas. Following the committee's report and its implementing legislative action, a Medical Center consultant was employed by the University to plan the facilities expansion program. Several factors caused the University to amend its original Medical Center development plans, including:

- A. A more careful space study indicated that Medical Center space needs were greater than originally estimated.
- B. Moving to an expanded level of facilities would completely saturate the existing site beyond desirable architectural standards and allow no flexibility for future expansion.
- C. New federal programs made available greatly increased federal monies over those anticipated in 1963 and 1964.
- D. A determination was made that facilities should be developed for an increased number of medical students should the need for such increase be demonstrated.

This major change in concept and program prompted the State Building Commission to request the members of the original UW-Medical Center Committee to review the revised University plans and to recommend appropriate actions. This ad hoc committee met several times in the fall of 1966 and issued a report that recommended, in part, that UW-Medical Center expansion be studied in the context of the overall medical education resources and health care needs of the state.

Subsequently, Governor Knowles appointed a Governor's Medical Education Task Force to review the overall needs for state medical education resources. The Task Force recommended that the total state medical education resources be doubled by 1985. Specifically, the Task Force recommended that the number of entering places at the University of Wisconsin-Madison Medical Center be increased from the current 104 to 160 entering students. Governor Knowles has accepted this report of the Task Force, and has urged that planning and programming of the University Medical Center be accelerated.

The current request of the University of Wisconsin, which is now before the University Affairs Subcommittee of the State Building Commission, contains three requests for action:

1. Authority to modify the long-range goal of the University Medical Center to fit the recommendation of the Task Force--i.e., to plan for 160 entering medical student places.
2. Authorize the employment of consultant master planners to prepare a master development plan for the Medical Center complex, to be financed by previously released building trust funds.
3. Implicit in the overall request, the approval of the site adjacent to the Veterans Administration Hospital as the site for the Medical Center complex.

The Governor's Task Force on Medical Education, in its report of December 1967, found that "the physical plant and site of the University of Wisconsin Medical Center is inadequate for the proposed expansion from 104 to 160 entering medical student places. This clearly points in the direction that the University has concluded as necessary--to program and construct new Medical School facilities at the west side campus site adjoining the Veterans Administration Hospital".

The Task Force then recommended that "the incoming freshman class at the University of Wisconsin Medical School be increased from 104 to 160 places as soon as feasible. To accomplish this, immediate action should be taken to develop the master plan for the Medical Center to provide the facilities and size necessary to replace and expand the existing physical plant. This planning

should take into account the need for time phasing of the physical facilities replacement and expansion so as to provide for orderly growth of the educational program and spacing of the capital expenditures."

In the past five years of study, there has been a very real evolutionary continuity of programming and decision making between the time of the original UW-Medical Center Committee and the final report of the Governor's Task Force on Medical Education. The original committee necessarily had to limit its review to medical education needs of the University of Wisconsin. The Task Force, on the other hand, was charged with the responsibility to evaluate total medical education resource needs in a long-range context. Thus, while the reports of the two committees differ somewhat, they are very complementary and demonstrate the value of more intensive and broader planning.

Based upon the extensive studies that have preceded it, and its own considerations, the subcommittee has taken the following actions in regard to the University's Medical Center request:

1. To authorize the University of Wisconsin to adjust its long-range Medical Center facilities planning goal to be in accord with that recommended by the Governor's Task Force on Medical Education. This goal states that "the incoming freshman class at the University of Wisconsin Medical School be increased from 104 to 160 places as soon as feasible."
2. To authorize the University to engage a master planner, with funds already released, to participate in the educational planning and programming process as a part of his total responsibility to prepare a master development plan for the Medical Center complex based on the new goal.
3. To authorize the development of master plans for the University Medical Center complex on the site north of the Veterans Administration Hospital.

In view of the substantial evaluation of the site question, the subcommittee believes it necessary to point out that the site recommendations of the original UW-Medical Center Committee were based on a more limited medical education program, which could barely be accommodated on the original site recommendation. It is very evident that the existing site is wholly inadequate to execute the Medical Education recommendations of the Governor's Medical Education Task Force. Therefore, while part of the rationale for engaging a master development planner is to assist in the determination of site, the subcommittee is persuaded that the recommended site adjacent to the Veterans Administration Hospital is the only reasonable possibility.

In making these approvals and authorizations, the University Affairs Subcommittee expects that the University will develop a broad plan that:

1. Describes the long-range goals, programs and activities of the University Medical Center.
2. Outlines the physical facilities that are needed to carry out the goals and programs of the University Medical Center.
3. Outlines the stages or phases of the implementation of this facilities plan over a multi-year period.
4. Identifies the costs and expected funding sources for each stage or phase of the long-range plan.
5. Evaluates the Veterans Administration site in light of the long-range plan, to insure that this site is adequate.

The University Affairs Subcommittee has scheduled a public hearing on the University long-range Medical Center program. This hearing will be held on September 13 in Madison. The subcommittee expects that on this date there will be a full presentation of the long-range plans for the University Medical Center, and an opportunity for all interested parties to comment on that plan. The broad plan presented at this meeting will be developed in further detail as a part of the continuing planning process.

The subcommittee expects to formulate its recommendations to the State Building Commission on the initial stages of construction in the 1969-71 biennium for the Medical Center based on this long-range plan. The full State Building Commission will then review and take action on the long-range plan as the basis for its future decisions on Medical Center facilities. These future discussions will subsequently be reviewed and action will be taken by the Governor and the Legislature as a part of the building program and budgeting process.

In summary, the University Affairs Subcommittee looks upon the expansion and development of the University Medical Center to be a major, complex question. It is, however, a vitally important resource to the health care needs of Wisconsin citizens.

The needs, alternatives and recommendations on the University Medical Center have been thoroughly studied over the past five years. Now, the University is being provided with the financial resources and a framework to prepare a comprehensive multi-year plan for the development of the University Medical Center. It is their responsibility to develop a well-conceived, comprehensive long-range program for the development of the Medical Center. If their job is done well,

its product will, together with appropriate funding for the Southeast Wisconsin Regional Medical Center, to be owned and operated by Milwaukee County, establish the framework for a major advance in medical education and the satisfaction of our citizens' future health care needs.

Senator Jerris Leonard, Chairman
Assemblyman Robert Kordus
Mr. Roger Schrantz

SUMMARY OF ACADEMIC PROGRAM GOALS

Section II

The academic program proposed by the University of Wisconsin Medical School emanates from the faculty. It is responsive to the needs of the state and is directed toward easing the most serious problems of the health professions.

Among the major problems of the state in the health field are:

- (1) Shortage of all health professionals, especially physicians and nurses.
- (2) A poor distribution of physicians resulting in an intense and worsening shortage in rural Wisconsin.
- (3) A decreasing number of family physicians.
- (4) Inadequate utilization of various members of the health care team.
- (5) A serious shortage of faculty for schools of nursing throughout the state.

The University can assist in easing shortage and provide leadership in study and innovation of the health care system. The program proposes:

- (1) To expand output of all types of health personnel currently educated at the University. The extent and size of this expansion is as follows:

	<u>Existing, 1967-68</u>	<u>Proposed</u>
Medicine (pre MD)	403	640
Interns and residents	241	384
Graduate (pre PhD)	254	401
Postdoctoral fellows	143	310
Nursing		
Baccalaureate	611	750
Graduate and special		150
Allied Health		
Medical technology	152	230
Occupational therapy	130	200
Physical therapy	183	250
Clinical pharmacy teams		100
*Dietitians	30	
Non-degree technicians (x-ray, EEG and others)	<u>49</u>	<u>157</u>
TOTAL	2196	3572**

*This program is based in the College of Agriculture and Life Sciences and includes 47 graduate students. Direct Medical Center participation is minimal.

**This total represents a 64% increase over current enrollment.

(2) Attract interns and residents (graduate M.D.'s) from other parts of the country to seek postgraduate training at the University. Approximately 70% of such house staff remain in Wisconsin as practitioners. This should help ease the physician shortage.

(a) Develop a new program in family medicine designed to enhance the skill and basic education of the family physician.

(3) To develop a large and high quality graduate program in nursing. This should assist all nursing schools in the state by provision of qualified faculty, thus permitting expansion of other schools of nursing.

(4) Improve the attractiveness of Wisconsin as an environment for the practice of medicine in the following ways:

(a) Establishing increasing numbers of effective affiliated educational programs with community hospitals.


(b) Expanding and strengthening the continuing education of physicians and allied health professions. Changes in the health field are rapid and a system which allows the professional to keep abreast of current knowledge is most appealing.

(c) Provision of specialized clinical services characteristic of a major medical center, e.g., organ transplant programs, open-heart surgery, surgical treatment of Parkinson's disease, etc.

(5) Provide leadership in the broad area of public health education, training and research. Innovation in the health care system and re-evaluation of health care roles are appropriate areas for University-directed research. Education of health planners and training of numerous technical personnel in the public health field should have a favorable broad impact on the state health care system.

(6) To expand new knowledge in the biomedical sciences. Wisconsin has been a leader in biomedical research over many decades. It is crucial that this high level be maintained and that research areas be broadened to include all basic and clinical science disciplines. In particular, there will be increasing interdisciplinary research with bioengineering, nutritional sciences, computer sciences and social sciences.

The state is headed toward a manpower crisis in the health field with special impact on rural Wisconsin unless these or similar programs are initiated in the near future. There is a genuine urgency in the situation.


Peter L. Eichman, M.D.
Dean, UW Medical School

SECTION III

SUMMARY FINDINGS BY LESTER GORSLINE ASSOCIATES, INTERNATIONAL

INTRODUCTION TO FINDINGS

This Preliminary Planning Analysis for the University of Wisconsin Medical Center at Madison has been prepared by Lester Gorsline Associates International, Planning Consultants, in response to a contractual agreement between the State of Wisconsin Bureau of Engineering and the Consultant, dated 1 May 1968.

The primary purpose of this report has been to assist the Medical Center in providing and organizing the data required for the preparation of an Agency Construction Request and the September 13, 1968, hearing before the University Affairs Subcommittee of the State Building Commission. The charge to the Consultant in the contractual authorization included provision of assistance to the University and the Medical Center in preparing the materials requested by the State Building Commission.

In addition, the Consultant has included certain information relative to evaluating site alternatives other than the West Campus site in terms of ability to accommodate the projected Medical Center facilities and has also included estimates of the future Medical Center population.

The Consultant began his analysis of the project in May of this year with the preparation of an Action Program designed to elicit pertinent information from concerned Medical Center personnel and to identify areas where decisions were required. The Action Program, which was delivered to the Medical Center on May 24, 1968, was put into use immediately.

The findings presented in the Preliminary Planning Analysis are the result of extensive discussions and collaborative effort on the part of the Consultant and the University and Medical Center administration, Deans of Medical Center schools, the Medical Center Task Force on Planning, concerned faculty and committee members, as well as the architectural and planning staff of the University and the State of Wisconsin's Bureau of Engineering. Added to this effort has been the Consultant's on-site analysis of conditions and factors affecting the Medical Center, based in part upon wide previous experience with other similar projects.

Space estimates are believed to be reasonably firm with respect to those entities for which academic program outlines have been prepared. Such entities include teaching facilities, faculty and research areas for the various educational programs, and to a lesser degree the University Hospitals and Clinics. In some cases, particularly in supporting facilities such as administrative and business services, Fabrication and Maintenance Laboratories, and Animal Facilities, estimates have been based to a greater extent on general information and on the Consultant's experience in planning and programming other medical centers of

size and complexity comparable to the University of Wisconsin. Further delineation of academic programs may result in somewhat altered estimates.

The completion of this Preliminary Planning Analysis represents only an early step in a continuing process extending over several years, and which will not be completed until the Medical Center has achieved its planned expansion. In addition to the purposes cited above, this document is intended to form a basis for the subsequent preparation of a master development system and detailed programs for each successive phase of the Medical Center.

SUMMARY OF PRINCIPAL FINDINGS

1. The goals of the University of Wisconsin Medical Center, and the plans to achieve them, are responsive to Wisconsin's needs, are directed to the future, and are sensitive to social and medical trends.
2. In responding to the health needs of the State, the Medical Center has developed a program for substantial expansion of its activities in education and research, and of the physical facilities appropriate both to these activities and to its concomitant responsibilities for patient care. The program includes positive plans to explore, study and carry out not only ways to provide more and better health personnel, but also ways to improve the delivery of health services.
3. The key Medical Center programs are sufficiently well developed to warrant immediate action by appropriate State agencies to enable the plans to be further detailed and put into action.
4. The needs of Wisconsin for greater numbers of physicians has been well documented by previous studies and confirmed by the Consultant's work in the course of preparing this report.
5. The needs for most other health professionals are believed to be as urgent as for physicians, but an accurate appraisal should be made under University Medical Center auspices.
6. Since there is a high correlation between where a physician's residency training is taken and where he establishes his practice, more University-affiliated residency programs will be established. The Medical Center is currently engaged in expanding these programs and will continue to give them high priority.
7. Medical Center programs should help improve the distribution of health care personnel in Wisconsin, but the University has neither the power

nor the authority to effect a redistribution. It does have a responsibility to study needs, develop new programs to meet them, and to provide leadership in carrying them out.

8. Planning has been based on achieving the following student enrollments at the earliest possible date:

Medicine (pre MD)	640
Graduate (pre PHD)	401
Postdoctoral Fellows	310
Interns and Residents	384
Nursing	
Baccalaureate	750
Graduate and Special	150
Allied Health	
Medical Technology	230
Occupational Therapy	200
Physical Therapy	250
Clinical Pharmacy Teams	100
Non-Degree Technicians	157
	<hr/>
	3,572

The total represents a 64% increase over current enrollment.

9. The Medical Center's goals can be achieved only if new facilities, on a new site, are provided for teaching and patient care and for related study and investigation. In the absence of new facilities, enrollment could decline as older facilities have to be abandoned.
10. The total space required to accommodate the programs described in this report is estimated at 2,558,000 gross square feet. This space is comprised of the following major entity groups:

1. Teaching and research - Medical Science	903,000
2. Other Academic Facilities	112,000
3. Instructional Resources & Services	276,000
4. University Hospitals & Clinics	1,118,000
5. Support Facilities	149,000
	<hr/>
Total	2,558,000

11. Inpatient bed needs are estimated at 850, only 73 more than in the existing University Hospitals, and 220 less than the 1965 estimate.
12. The daily population of the Medical Center within two years of completion of the above facilities is estimated at approximately 12,500 people. The principal groups making up this number are:

Faculty	732
Postdoctoral Students	694
Graduate Students	551
Professional Students	1,527
Staff	5,241
Patients	1,940
Visitors	1,730
Total	12,415

13. It is recommended that the Medical Center be constructed in four phases, each following the earlier one as closely as possible. The four phases are summarized below in assignable square feet:

Phase I

Patient care (inpatient and outpatient); faculty offices and laboratories for child care, gynecology-obstetrics, psychiatry and nursing; medical library and other instructional facilities and support services.

Beds: 248 412,200

Phase II

Additional facilities for patients; space similar to Phase I for Anesthesiology, Medicine, Nursing, Radiology, Rehabilitation, Surgery and allied health professions; second year medical student teaching laboratories; medical library and other instructional facilities and support services. Beds: 302 419,100

Phase III

Additional facilities for patients and to accommodate growth of departments moved in Phases I and II; medical library and other instructional facilities and support services. Beds: 300 327,700

Phase IV

Teaching laboratories and classrooms; all basic science departments; additional allied health facilities; completion of medical library. 285,000

Total (assignable square feet) 1,489,000

14. The total cost of the new Medical Center facilities is estimated at \$120,750,000 in 1968 dollars. The estimate by phase follows:

Phase I	\$ 34,500,000
Phase II	33,375,000
Phase III	30,625,000
Phase IV	22,250,000
	<hr/>
Total	\$120,750,000

The estimate includes all costs involved in planning, constructing, finishing and furnishing (except for scientific equipment.) It does not include costs for parking facilities, it being assumed these will be separately financed, perhaps on a self-liquidating basis.

15. Although there are some uncertainties in the possibilities of Federal assistance in financing construction, it seems reasonable to expect that Federal grants will cover approximately 50% of the cost of new facilities.
16. The evaluation of the proposed West Campus site revealed that it is more than adequate for its intended use.

The site is well-located in relation to existing and proposed campus programs and facilities, state-wide referral of patients, community patient care and community health education, affiliated health care institutions (particularly the V.A. Hospital), and the existing and proposed transportation network. In addition, its proximity to the existing Medical Center facilitates the phased relocation of activities.

The site affords many opportunities for cooperation with neighbors. The Veterans Administration has indicated its willingness to consider the merging of some patient care programs, sharing highly sophisticated equipment, and construction of some Medical Center buildings on a segment of V.A. land. An advantageous exchange of land with the Forest Products Laboratory is a possibility. Recreational development

by the University of marshlands north of the site will provide open-space counterpoint to the intensive land-use of the Medical Center itself. New facilities to provide the western part of the campus with power, steam and chilled water can be developed with the Medical Center. Possibilities also exist for shared use of such facilities with the Veterans Administration and the Forest Products Laboratory.

The proposed site has an excellent configuration for Medical Center use. Its topography is well-suited to development, and the bearing value of the soil is adequate for large structures. Existing utility services can be extended, and the shape of the site is appropriately compact for optimum Medical Center development, rather than long and narrow, convoluted, or discontinuous. Access can be provided from three sides, and physical connection of new facilities to the V.A. Hospital and to the Mental Retardation Center is possible without great difficulty.

17. If developed according to the conditions stated below, the proposed site is adequate in area for Medical Center programs and facilities. The basic site includes 42.5 acres plus a 6-acre strip along the north edge of the Veterans Administration property, the use of which may be made available to the Medical Center. Tests carried out on a scale model demonstrate that the basic site can accommodate the maximum long-range program now contemplated, which represents 2-1/2 times the facilities now existing in the Medical Center at its present site. Tests further demonstrate that saturation of the basic site by facilities would be reached upon construction of about 30% more building space than the program now contemplated. This degree of development would be definitely urban in character (much land covered by buildings, some high-rise structures, parking structures, etc.), but need not be "inhuman" if properly programmed, planned and designed.
17. The minimum conditions required for successful site development include the following: Vehicular access to the site must be improved. The phasing of construction must be carefully planned so that the Medical Center can be relocated over a period of time with a minimum of disruption of functional relationships and activities. Planning of the Medical Center's facilities must allow for adaptation to growth and change which cannot be fully predicted at this time. A Long-Range Development System, which includes a Master Plan, should be undertaken and implemented.

The Veterans Administration's tentative offer of use of a 6-acre strip along the north edge of its property should be actively pursued as

soon as possible. Residential properties between the site and University Bay Drive should be acquired by the University. This would increase the Medical Center's capability for expansion beyond the present program, improve access to the site, and eliminate the potential conflict of land uses. An exchange of land should be negotiated with the Forest Products Laboratory to permit the extension of Observatory Drive to Highland Avenue and further increase the capability of the site. Transportation modes other than the private automobile should be provided, in order to reduce the number of cars requiring parking space on the site. Existing on-campus bus service should be intensified as needed by Medical Center students and faculty. Off-campus public transportation must be improved to accommodate increased demand, and future rapid transportation modes should be encouraged.

Relocation and expansion of the Medical Center will tend to generate off-site private development of both commercial facilities (stores, restaurants, medical buildings, etc.) and dwellings (units for staff, nurses, students, ambulatory patients, and others). Such facilities and services offer economic advantages to the community, and if well planned, can enhance the environment for both the community and the University. The University should initiate constructive discussion with the City of Madison and with Shorewood Hills so that these opportunities may be optimized.

18. In addition to the studies required by the initial charge to the Consultant, the existing Medical Center site was evaluated and tested to determine its capacity to accommodate Medical Center Programs. The Consultant recommends strongly against rebuilding and expanding the Medical Center on the present site.
19. The relocation of the Medical Center on a rural or suburban site is not recommended for several reasons. A Medical Center functions most effectively as an integral part of a university where it can both draw from and contribute to other disciplines. A rural site would strain or even break many of these ties. Phased relocation on such a site would be difficult, disruptive and academically damaging. In addition, medical centers tend toward compact and interconnected groupings of facilities rather than dispersal over large areas.
20. The breadth of modern medicine and the complexity of its activities give medical schools many characteristics not found in other parts of a university. These characteristics must be constantly kept in mind when considering the Medical Center's programs and needs.

DRAFT REPLY TO CCHE ON 1971-73 AND 1973-80 PROGRAM INTENTIONS

In response to CCHE #78 and #85 as refined and clarified in subsequent correspondence, the University of Wisconsin submitted on August 1, 1968 its new academic program intentions for the 1969-71 biennium (Enclosure #1) and now wishes to declare similar intentions for the periods 1971-73 and 1973-80.

Any attempt to predict what new academic programs will be mounted in the next four or ten years is at once fraught with difficulties and contingencies and the attached listing is no exception. In addition to totally new academic programs, there will be an equal or greater number of restructured or realigned existing programs and additional specialties within existing programs. The latter changes are only mentioned in passing and will be conveyed to CCHE as matters of information when they actually occur.

It should be noted that the lists which follow are not exhaustive. Before this biennium or the next is over, there will be new fields arising and new program directions dictated by events which transcend a statewide planning effort at a fixed point in time. Academic program planning must not be construed as a restrictive enterprise either by the University or the CCHE. It is instead a declaration of intentions and direction viewed from the present moment. It is difficult to imagine that an intention omitted (included) now would constitute the basis for its automatic exclusion (inclusion) when 1978-79 rolls around.

The following list contains the new academic program intentions for each of our four degree-granting campuses in the periods 1971-72 through 1972-73 and 1973-74 through 1979-80. It is literally impossible in most cases to indicate the actual order of new program initiations by year since they depend upon the confluence of varied activities which may proceed at rates which cannot be "managed" or "prescribed":

EXHIBIT

F

MADISON CAMPUS

I. 1971-72 through 1972-73

A. Undergraduate Degrees (Majors)

1. Animal Nutrition B.S.
2. Laboratory Animal Science B.S.
3. Plant & Crop Protection B.S.
4. Pulp & Paper Technology and Wood Science B.S.
5. Rehabilitation Education B.S.

B. Master's Degrees

1. Educational Technology M.S.
2. Environmental Health M.S.
3. Medical Technology M.S.

C. Doctoral Degrees

1. Environmental Health Ph.D.
2. Fine Arts D.F.A.
3. Landscape Architecture Ph.D.
4. Ocean Engineering Ph.D.

II. 1973-74 through 1979-80

A. Undergraduate Degrees (Majors)

1. Agricultural Chemicals B.S.
2. Food Industries Engineering B.S.
3. Nursing with Expanded Responsibilities B.N.
4. Race Relations B.S.
5. Turf Management B.S.

B. Master's Degrees

1. Bio-Instrumentation and Systems M.S.
2. Epidemiology of Chronic Diseases M.S.
3. Laboratory Animal Medicine M.S.
4. Medical Statistics M.S.
5. Radiological Technology M.S.
6. Transportation Engineering M.S.
7. X-ray Crystallography M.S.

C. Doctoral Degrees

1. Bio-Instrumentation and Systems Ph.D.
2. Educational Technology Ph.D.
3. Epidemiology of Chronic Diseases Ph.D.
4. Medical Statistics Ph.D.
5. Nursing Ph.D.
6. Occupational Medicine Ph.D.
7. Pharmacy (professional degree) D.Pharm.
8. Transportation Engineering Ph.D.

Note: There will be numerous additions of specialties to existing Bachelor's, Master's and Doctoral programs along with restructuring and revised designation of such programs. A list can be provided.

MILWAUKEE CAMPUS

I. 1971-72 through 1972-73

A. Undergraduate Degrees (Majors)

1. Integrated Liberal Studies B.A.
2. Training of Teacher Aids (Possibly sub-baccalaureate certificate program) B.A./B.S.

B. Master's Degrees

1. Architecture M.A.
2. Physical Education M.A.
3. Vocational/Technical School Education M.S./M.A.

C. Doctoral Degrees

1. History Ph.D.
2. Management Ph.D.
3. Marine Science Ph.D.

II. 1973-74 through 1979-80

A. Undergraduate Degrees (Majors)

1. Afro-American Studies B.A.
2. Allied Health Program (generic title) B.A.
3. Latin American Studies B.A.
4. Nursing B.N.
5. Vocational Teacher Education B.S./B.A.

B. Master's Degrees

1. Business M.S.
2. Information Science M.S.
3. International Education M.A.
4. Urban Planning M.A./M.S.

C. Doctoral Degrees (Seven of the following)

1. Communication Ph.D.
2. Contemporary (or Comparative) Literature Ph.D.
3. Engineering Ph.D.
4. Fine Arts D.F.A.
5. Foreign Language
German Ph.D.
Spanish Ph.D.
6. Philosophy Ph.D.
7. Sociology Ph.D.
8. Statistics Ph.D.
9. Urban Studies Ph.D.
10. Zoology Ph.D.

D. Medical School Development (Plan Pending Implementation)

(Including Medical Sciences, Health Sciences, Medical Technology,
etc.)

Note: There will be numerous additions of specialties to existing Bachelor's, Master's and Doctoral programs along with restructuring and revised designation of such programs. A list can be provided.

GREEN BAY CAMPUS

I. 1971-72 through 1972-73

A. Undergraduate Degrees (Majors)

1. Police Administration B.A. (Tentative)
2. Social Service B.A.

B. Master's Degrees

1. Business Administration M.B.A.
2. Community Sciences M.S./M.A.
3. Creative Communication M.S./M.A.
4. Education (and a discipline) M.S./M.A./M.A.T.
5. Environmental Sciences M.S./M.A.
6. Human Biology M.S./M.A.
7. Public Administration M.P.A.

C. Doctoral Degrees

NONE

II. 1973-74 through 1979-80

A. Undergraduate Degrees (Majors)

1. Environmental Resources B.A./B.S.
2. Foreign Languages B.A.

B. Master's Degrees

1. Computer Science M.S.
2. Social Work M.A.

C. Doctoral Degrees (specialized areas)

1. Man and Environment
2. Administration

PARKSIDE CAMPUS

I. 1971-72 through 1972-73

A. Undergraduate Degrees (Majors)

1. Computer Science B.S.
2. Graphic Arts B.A.
3. Organizational Communications B.S.
4. Technical Specialist B.S.

B. Master's Degrees

1. Chemistry M.S.
2. Education (with discipline) M.A./M.S.
3. Mathematics M.S.
4. Scientific & Technical Writing M.S.

C. Doctoral Degrees

NONE

II. 1973-74 through 1979-80

A. Undergraduate Degrees (Majors)

1. Chemical Engineering B.S.
2. Comparative Literature B.S.
3. Mechanical Engineering B.S.

B. Master's Degrees

1. Administrative Science M.A./M.S.
2. Economics M.A.
3. Engineering Science M.S.
4. Geography M.A.
5. Geology M.S.
6. History M.A.
7. International Trade M.S./M.A.
8. Political Science M.A.
9. Psychology M.S.
10. Regional Planning M.S.
11. Sociology M.A.
12. Transportation Economics & Technology M.S.

C. Doctoral Degrees

One or two Ph.D.'s in Modern Industry, Technology and Science
within specialized fields

Note: There will be numerous additions of specialties to existing Bachelor's, Master's and Doctoral programs along with restructuring and revised designation of such programs. A list can be provided.

Approved by the Letters
and Science Faculty
February 13, 1968

Department of Classics
University of Wisconsin-Milwaukee

PROPOSAL FOR THE MODIFICATION OF THE EXISTING
UNDERGRADUATE MAJOR PROGRAM IN CLASSICS

1. Existing Program.

The Department of Classics at the University of Wisconsin-Milwaukee provides instruction in the Latin and Greek languages and literatures and in the Civilization of Ancient Greece and Rome. It offers five courses in general Classics subjects for which no knowledge of Greek or Latin is required. It offers thirteen Greek-language courses and 25 Latin-language courses. In order properly to honor its commitment in undergraduate instruction, it must offer at least two major concentrations: one in Latin and one in Greek. The major in Classics with a concentration in Latin already exists: it requires a minimum of twenty-one credits in Latin courses above the 200 level, including Latin 508; Greek 103 and 104 or the equivalent; and 3 credits in Ancient History. The major in Classics with a concentration in Greek is now proposed as a requisite complement to the Latin major concentration. This proposal has been deferred pending the development of staff sufficiency and valid student demand. Increasingly large enrollments in Classics and Latin courses have made such demands upon the Classics staff as to preclude the department's offering a full range of Greek courses to interested students.

Nevertheless, expansion of the department's offerings in Greek has remained a proper goal.

The proper growth of the Classics department depends upon a successful Greek curriculum. The interdependence of the classical languages is such that each contributes substantially to serious interest in the other; furthermore, students preparing for graduate work within the field of Classics are obliged to maintain familiarity with both Greek and Latin.

EXHIBIT

G

2. Proposed Revision

Beginning in 1965 a full-scale curriculum in Greek was developed by careful use of positions justified by enrollment growth. Dr. Mary Ann Burns, former chairman of the Department of Classics, persisted in this approach and succeeded in recruiting Messrs. H. James Shey and Robert C. Ross in 1966 and 1967, respectively. These gentlemen have introduced seven new advanced-Greek courses and have given special attention to increasing library holdings to support course offerings in Greek.

Thus, since June of 1967 the Department of Classics has had a staff sufficient (1) to sustain a major concentration in Greek and (2) to meet the growing student demand for such a concentration.

The Department of Classics proposes that the present major in Classics be modified to enable Classics students to elect either (1) a major concentration in Latin or (2) a major concentration in Greek. The Classics major with a major concentration in Greek, if approved, will be fulfilled by completion of the following program:

21 credits of Greek beyond Greek 205;
Latin 103 and 104, or the equivalent;
and 3 credits in Ancient History.

Currently, in addition to its elementary and intermediate Greek courses, the Department of Classics offers a total of 27 credits in advanced-Greek courses (i.e., courses beyond Greek 205). Other advanced-Greek courses are projected and in the planning stages but are at this time unnecessary to the institution of a major concentration in Greek.

Resources of faculty, library holdings, facilities, equipment, space, etc., are, and during the past year have been, adequate to sustain a major in Classics with a Greek major concentration. Resources in Latin, Comparative Literature, History, and Philosophy are currently adequate to sustain this concentration. Many courses offered by the Departments of Comparative Literature, History, Linguistics, and Philosophy contribute to the feasibility of Greek studies at the University of Wisconsin-Milwaukee. The Department of Hebrew Studies stands ready to support and assist the Classics department in the area of Greek New Testament studies.

No special additional funding is necessary to effect this modification of the existing major program in Classics. No additional staff will be required to begin this program.

If approved, this proposed modification is to be effective beginning with Semester I, 1969-1970.

Stipends for Teaching Assistants, Research Assistants, and Project or Program Assistants

EDUCATIONAL COMMITTEE

Recommendation:

That the 1969-70 stipend schedule for graduate teaching, research, project and program assistants be established as follows:

	<u>1968-69</u> (Current)	<u>1969-70</u> (Proposed)
1. <u>Teaching Assistants</u>		
Half-time Academic Year Stipend:		
(a) For <u>new</u> Teaching Assistants	\$3,375	\$3,555
(b) For <u>experienced</u> Teaching Assistants	3,510	3,690
2. <u>Research Assistants</u>		
(a) Half-time Academic Year Stipend	2,700	2,826
(b) Half-time Annual Basis Stipend	3,300	3,456
3. <u>Project or Program Assistants</u>		
Half-time Annual Basis Stipend	3,300*	3,456*

*This is a base rate stipend; a higher stipend is permitted where special qualifications of the individual and special requirements of the job warrant as determined by the appropriate dean.

EXHIBIT H

11/1/68

P 286

Sale of Land
University Avenue - Phase II
Development
Madison Campus

BUSINESS AND FINANCE COMMITTEE

That, upon the recommendation of the Madison Campus Administration, concurred in by Central Administration, the President or Vice President and the Secretary or Assistant Secretary, be authorized to sign options and deeds conveying:

- 1) Parcel 90 - 129,294 square feet of land and buildings for a total consideration of \$570,273 (said consideration includes amounts for adjacent limited highway easements) to the Chicago, Milwaukee, St. Paul & Pacific Railroad (said transfer being at the request of the State of Wisconsin, Department of Transportation, Division of Highways, to accommodate the relocation of the railroad right of way).
- 2) Parcel 108 - 15,285 square feet of land for a total consideration of \$107,500 (said consideration includes amounts for adjacent limited highway easements) to the State of Wisconsin, Department of Transportation, Division of Highways.

Copies of the options, deeds and detail plats of right of way are on file with the papers of this meeting. These strips of land are between the west edge of the intersection of Babcock Drive and University Avenue and westerly to the west boundary line of Section 22, Town 7 North, Range 9 East, City of Madison, Dane County, Wisconsin, and are being conveyed in connection with the University Avenue Development - Phase II.

(Previous Regent Action June 14, 1968.)

Item II, 2, d

11/1/68

P 30

EXHIBIT I

Contract Award - Air Compressor for
Heating Plant, Madison

BUSINESS AND FINANCE COMMITTEE

That, subject to the approval of the Governor and the State Director of Engineering, the contract for design, manufacture, and delivery of one Air Compressor for the Heating Plant, Madison Campus, Project No. 6707-4, be awarded to the low bidder, Clark Bros., C/O Air Engrg. Co., Elm Grove, Wisconsin, on the basis of the base bid in the amount of \$111,540.00; that any Vice President or Associate Vice President of the University be authorized to sign the contract; and that the following schedule of costs be approved, chargeable to an allotment from State Building Trust Funds in the amount of \$150,000.00 (Release No. 1995) by the Wisconsin State Building Commission on July 10, 1967, from the University of Wisconsin's allocation for Repair, Remodeling, Utilities, and Minor Construction for the 1967-69 Biennium:

Schedule of Costs

Equipment Vendor Contract	\$111,540.00
Installation, Other Work, & Contingency	29,860.00
Design and Supervision	<u>8,600.00</u>
Total Schedule	\$150,000.00

Item II, 2, e

11/1/68

EXHIBIT J

✓
p 3'

Change Order to Contract - Steam
Service to West Campus Area -
Phase I - Madison

BUSINESS AND FINANCE COMMITTEE

That, subject to the approval of the State Director of Engineering, a change order to the contract for installation of Steam Service to West Campus Area - Phase I, Madison Campus, Project No. 6707-5, be awarded to the H. R. Nichols Company, St. Paul, Minnesota, on the basis of the low alternate bid in the amount of \$66,200.00; and that the following schedule of costs for this portion of the work be approved:

Schedule of Costs

Total Change Order to Construction Contract	\$66,200.00
Design and Supervision	2,000.00
Contingencies	<u>3,800.00</u>
Total Schedule	\$72,000.00;

chargeable to State Building Trust Funds allocated for Utilities.

Item II, 2, f

11/1/68

EXHIBIT K

✓
31

Charges for Ancillary Services at
University Hospitals

BUSINESS AND FINANCE COMMITTEE

That, upon the recommendation of the Chancellor of the Madison Campus, effective November 1, 1968, the charges for ancillary services at the University Hospitals be increased in accordance with the following schedule to adjust the charges to reflect increased costs:

	<u>% Increase</u>
Central Services	57
Pharmacy	22
Communicative Disorders	52
Radioisotope)	
Diagnostic X-Ray)	39
Radiotherapy)	
Occupational Therapy	78
Anesthesia Supplies	39
Lab - Micro)	
- Hematology)	
- Chemistry)	49
- Gastric Cytology)	
Blood Bank	30
Operating Room	61
Inhalation Therapy	74
Delivery Room	42
Artificial Kidney	20
Cardiovascular	52
Recovery Room	41
Urology	15
Physical Therapy	30
Emergency Room	51
EEG	39
Neuropsychology Evaluation	40
Gastroenterology	40
Cardiology	19
Intensive Care	32