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Section I of Minutes of February 16,
1968 Meeting (Consisting of Minutes
Proper.) See Section II For
EXHIBITS A through H.)

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

University of Wisconsin - Milwaukee
Kenwood Campus

Held in the Main Conference Room, Chapman Hall

Friday, February 16, 1968, 9:05 A.M.

Vice President Gelatt presiding

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

ABSENT: Regent Greenquist. Regent Greenquist was absent due to illness.

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Upon motion by Regent Kahl, seconded by Regent Pasch, it was
VOTED, That the minutes of the regular meetings of the Board held on
September 15, 1967, and January 12, 1968, be approved as sent out to the Regents.

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REPORTS AND RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

President Harrington, in presenting the list of Gifts, Grants, and U. S. Government Contracts, noted that there was continuing bad news with respect to the total funds received for the present month, as indicated in the summary on Page 31. of the list, which showed a marked reduction from the total received for the comparable period a year ago.

President Harrington stated that he wanted to make some comments with respect to grants for the University of Wisconsin-Milwaukee. He recalled that five years ago he and Chancellor Klotsche had brought to the Regents the Statement of Twenty-Five Points, relating to the development of UW-M, which, with some modifications, was approved by the Regents, and which included the concept that UW-M would acquire major university status. At that time, he recalled, it was decided that UW-M would become a research as well as a teaching institution, and, going into the research area, would seek outside funds. He called attention to a number of items in the list of Gifts, Grants, and U. S. Government Contracts which indicated the wide base of support for UW-M enterprises, in the public service area as well as in the research and instructional areas, and which indicated improving ties between UW-M and private enterprise in the Milwaukee area. He noted that support from such

funds indicated that the UW-M faculty was obtaining proper recognition for its strength in the humanities, social sciences, and the natural sciences. Noting that large grants had been received in the past for buildings at UW-M, President Harrington reported that word had just been received of the approval of the first large research grant for UW-M, in the amount of \$550,000, from the National Science Foundation for work in surface studies. He stated that this grant was so important in the development of the history of the University, that it was worthy of comment. He noted that, when the Regents decided that UW-M should seek major university status, it was agreed that there was no possibility of obtaining national distinction in all fields, or in as many as at Madison, and it was therefore decided to concentrate on research in certain defined specialties, of which surface studies is one. He reported on the efforts that had been made to develop this program of research; and explained that surface studies referred to the surface and interior properties of substances. He noted that this was an area that was first defined in the physical sciences, is closely involved with engineering, and may be developed in the area of life sciences. He noted that it was a research field of high theoretical importance; and was fundamental and pure research, and with advantages for ties with Milwaukee industry. He noted that this area of research was particularly recommended, because of its practical applications in Milwaukee industrial enterprises. He reported that in developing this program, the University had utilized State funds, funds from Wisconsin Alumni Research Foundation, and other outside funds. President Harrington reported that this grant from the National Science Foundation for surface studies at UW-M was not included in the list being presented for acceptance at this meeting, since word on approval of the grant had only been received the previous evening; and he stated that it would be included in the list at the next meeting for acceptance.

President Harrington called attention to a number of our other large grants, included in the list presented for acceptance. He referred to the grant on Page 19. of the list, in the amount of \$1,315,000 for continued support of the Mathematics Research Center at Madison. He noted that funds allotted for the Mathematics Research Center for the period July 1, 1966 through June 30, 1973, would amount to \$3,875,000; and that, so far, somewhat over \$10,000,000 had been received for the support of the Mathematics Research Center. He explained that the work of the Mathematics Research Center had little to do with the Defense Department, since it was largely theoretical research; and he explained that a great part of the work was not mission oriented. Referring to item 4. on Page 1 and item 21. on Page 29. of the list, President Harrington stated that it was apparent that the University was at the gate of the road of substantial programs for the disadvantaged.

Regent Pasch stated that, because he supported stressing the importance of gifts for student aid, he always made a point of carefully scrutinizing such items in the report each month. He expressed disappointment that the report showed a decrease of over \$200,000 in the amount received for student aid compared with the same period a year ago. He inquired whether there was any significance in this, and whether there was anything being done to interest individuals, foundations, and corporations to make gifts to the University for student aid. President Harrington called attention to the supplementary gift on Page 32. of the list, in the amount of \$280,000, from the Danforth Foundation for the establishment of a graduate program for students from disadvantaged backgrounds. He pointed out that with this additional gift added to the summary on Page 31. of the list, the total for this period for student aid would be in excess of that for the comparable period a year ago. However, he expressed the opinion that there will be difficulty in keeping up to the previous level of grants for student aid from the federal government, which

may result in having to turn to State funds for such purpose. Referring to the grant for the support of the Mathematics Research Center, Regent DeBardleben inquired whether there was any part of the operation of the Mathematics Research Center that was classified or dealt with classified information. President Harrington replied that there was none, and that there was none contemplated.

Upon motion by Regent Pasch, seconded by Regent Kahl, 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.

President Harrington presented the following four recommendations relating to the acceptance of bequests, and asked the Secretary to explain them:

1. That the bequest by the late Clare M. Grubb, Long Beach, California, to the University of Wisconsin, in Madison, Wisconsin, be accepted in accordance with the terms and conditions of the Last Will and Testament of Clare M. Grubb, Deceased; that the Secretary be authorized to sign receipts on behalf of The Regents of the University of Wisconsin for this bequest; and that the bequest be accepted to establish the Clare M. Grubb Fund in the University Trust Funds, with both the principal and income to be used at the discretion of the President of the University.
2. That the bequests by the late Victoria L. Hirsh, Redwood City, California, to the University of Wisconsin, located at Madison, Wisconsin, to be used to establish the Vicky Lee Hirsh Endowment Fund for Conservation Scholarships, be accepted in accordance with the terms and conditions of the Last Will and Testament of Victoria L. Hirsh, Deceased; that the Secretary or Assistant Secretary be authorized to sign receipts on behalf of The Regents of the University of Wisconsin for these bequests, and do all things necessary to effect the transfer of these bequests to the University of Wisconsin; and that the award of scholarships from the Vicky Lee Hirsh Endowment Fund for Conservation Scholarships be administered by the School of Natural Resources in the College of Agricultural and Life Sciences.
3. That the bequest by the late Bertha Horstman, Madison, Wisconsin, to The Regents of the University of Wisconsin, to be used to further the work now being carried on in the McArdle Memorial Laboratory for research and study of the causes and treatment of cancer, be accepted by The Regents of the University of Wisconsin in accordance with the terms and conditions of the Last Will and Testament of Bertha Horstman, Deceased; and that the Secretary be authorized to sign receipts for this bequest on behalf of The Regents of the University of Wisconsin.
4. That the bequests by the late Dr. Harry Steenbock, Madison, Wisconsin, to The Regents of the University of Wisconsin, be accepted in accordance with the terms and conditions of the Last Will and Testament of Harry Steenbock, Deceased; and that the Secretary or Assistant Secretary be authorized to sign receipts of these bequests on behalf of The Regents of the University of Wisconsin and do all things necessary to effect the transfer of these bequests to the University.

The Secretary reported that the bequest from the late Miss Clare M. Grubb consisted of the residue of her estate and amounted to \$19,877.44. He reported that Miss Grubb had entered the University of Wisconsin from Janesville in 1910, had received a B.A. degree from the University of Wisconsin in 1914, and a M.A. degree from the University of California in 1916. He stated that he understood that she had been a school teacher, and had died February 24, 1966, in Long Beach, California. He noted that the recommendation included the provision that both principal and income from this fund be used at the discretion of the President of the University.

The Secretary explained that the bequests by the late Victoria L. Hirsh, Redwood City, California, consisted of a specific bequest of \$25,000 and another of the residue of her estate, both of which were to be used to establish the Vicky Lee Hirsh Endowment Fund for Conservation Scholarships, to be used "solely for the benefit of native born citizens of the State of Wisconsin who desire to study conservation and said scholarships to be awarded solely upon academic excellence". He reported that the total amount to be received by the University from these bequests by Mrs. Hirsh was estimated to be between \$180,000 and \$200,000. He reported that Mrs. Hirsh had entered the University from Oshkosh, Wisconsin, and had received a B.A. Degree in Applied Arts in 1922. He noted that Mrs. Hirsh and her husband, Stanley J. Hirsh, who died in 1955, resided for some years in Milwaukee, Wisconsin. The Secretary noted that the recommendation included the provision that the award of scholarships from the Vicky Lee Hirsh Endowment Fund be administered by the School of Natural Resources in the College of Agricultural and Life Sciences.

The Secretary reported that the bequest by the late Mrs. Bertha Horstman, Madison, Wisconsin, amounted to \$5,000 and was to further the work now being carried on in the McArdle Memorial Laboratory for research and study of the causes and treatment of cancer.

The Secretary summarized the bequests to the University by the late Dr. Harry Steenbock, which consisted of: art objects; his scientific library, plus a bequest of \$35,000 to maintain and supplement it; \$26,000 to supplement the Harry Steenbock Fellowship in the College of Agriculture and the Christine Margaretha Steenbock Fellowship in the Department of Home Economics, which had been established by Dr. Steenbock and his sister; \$150,000 to outside trustees, the income of which would be used for scholarships at the University of Wisconsin for graduates of public high schools in the City of New Holstein and the City of Chilton; and \$100,000 for projects in the University Arboretum, particularly with reference to the lowlands. The Secretary stated that it should be remembered that the University had received many millions of dollars during Dr. Steenbock's lifetime through grants of funds from the Wisconsin Alumni Research Foundation which were derived from the patents on Dr. Steenbock's research on vitamin D. The Secretary pointed out that the University had recently received several million dollars toward the cost of the Harry Steenbock Memorial Library from Dr. Steenbock's royalty funds which he had left with the Wisconsin Alumni Research Foundation and had not drawn on.

Regent DeBardleben moved approval of the above recommendations relating to the acceptance of bequests, the motion was seconded by Regent Werner, and it was voted.

Vice President Clodius presented the Report of Personnel Actions By The President Of The University.

Upon motion by Regent DeBardeleben, seconded by Regent Friedrich, it was VOTED, That the approximately 2,000 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 \$12,500 or less, on file with the Central Business Office and the Secretary of the Faculty; and to non-resident tuition remissions, be approved, ratified, and confirmed.

President Harrington announced that he would make an interim report on Intercollegiate Athletics finances, particularly on the Madison Campus, because of the considerable amount of recent newspaper publicity on this subject; and that a report on this subject will be brought to the Regents later for action. He noted that, although there is a sense of panic in the minds of some people regarding this matter, it will be studied deliberately and the Regents will be participating in this matter for some months to come. He stated that there were a few points he wanted to make regarding athletics at Madison.

First, he stated there was indeed a financial problem in the intercollegiate athletics area which was now being examined, but he pointed out that it would be unwise to reach conclusions prematurely with respect to it. He announced that the administration was making one recommendation to the Business and Finance Committee at this meeting for action with reference to the Natatorium, which is used partly for intercollegiate athletics, less than one-fourth, but mostly for recreational physical education purposes, and which is being paid for out of Intercollegiate Athletics receipts. He explained that, because of the current financial difficulty, it was being recommended that the annual payment on the Natatorium for this year be paid from the reserve of advanced rental payments that the Intercollegiate Athletics Department had previously made in advance to Wisconsin University Building Corporation in order to be prepared for a period of financial difficulty. He pointed out that this proposal did not represent a change in the fundamental policy with respect to who pays for recreational and athletic facilities on the Madison Campus.

The second point made by President Harrington was with reference to minor sports. He recalled that, prior to the last meeting of the Regents, there were suggestions made that minor sports be abandoned and Big Ten athletic activities be dropped. He pointed out that the University of Wisconsin has the most active minor sports program in the Big Ten, including track, tennis, hockey, golf, and crew, which constitutes a very substantial group of sports and enables a good many young men to participate in athletic activities. He recalled that he had previously stated that there were no intentions to abandon minor sports. He noted there had also been made a suggestion that the tender system for minor sports be discontinued. He explained that, under the tender system, which is operated under Big Ten rules, we use gate receipts and outside gifts to attract athletes to the campus, who, of course, need to stand up to our academic standards, and to support them while they are here, because participation in sport activities requires a great deal of time on the part of the students participating. He stated that the widespread concern about this led him to make the statement that we do not propose to abandon tenders for the minor sports, and we expect that tenders for this fall will be in the neighborhood of what they were last year, although there might be need to adjust them in some fashion in the future. He reported that his statement on this point was acceptable to the Director of Intercollegiate Athletics and the Chairman of the Athletic Board. President Harrington stated that minor sports would be continued and would be supported, even though they do represent a financial loss, and are supported in the main by gate receipts from football and basketball.

The third point made by President Harrington was that intercollegiate athletics is a part of the University, and is an area in which economies and efficiencies are needed, as they are in other areas. He pointed out that it was important to look at the income from athletics and to see that it is well spent. He emphasized that he was not saying this in criticism of the Athletic Department or the Athletic Board or of any part of it, although there has been some criticism of our athletic program in the distant past and also more recently. He stated that he wished to drive home the point that, if you have a situation such as the present one, you have to see what can be done to cut down costs. Therefore, he stated, Intercollegiate Athletics is being subjected to an examination, with the assistance of the central administration, which will take some time to complete. He reminded the Regents that Intercollegiate Athletics is an auxiliary enterprise under the control of the Regents, and the tradition is that the Regents have expected Intercollegiate Athletics to pay its own way. He noted that Intercollegiate Athletics, in the past, has had surpluses which have been used for providing recreational facilities on the Madison Campus. He explained that a view long held by this Board is that State legislative funds should not be used for intercollegiate athletics. He referred to the decision of the Regents to keep rates in University Residence Halls at minimum, which resulted in a study, by the Residence Halls people and the administration, of the cost of operating University Residence Halls, with the consequence that substantial economies were obtained which resulted in no increase in rates last fall. He indicated the same type of study would be made regarding Intercollegiate Athletics. President Harrington stated that the administration was not presently recommending an increase in the price of football tickets, but might have a recommendation to make on this point at a later meeting, although he suggested raising prices might be denying some people the opportunity to attend the games.

President Harrington commented on the athletic program at the University of Wisconsin-Milwaukee. He noted that UW-M was not in the Big Ten or any other conference, and does not have a large attendance at athletic events. The possibility of income from athletic events at UW-M relates primarily to basketball rather than to football, he explained. He noted that the UW-M intercollegiate athletic program was supported largely by tax funds, as is the case in the University Center System and in the State Universities. He suggested that it was not likely that gift funds could be obtained that would permit big time athletics at UW-M, although friends of the University are raising some money for UW-M athletics. He expressed the opinion that athletics will not be on a big time basis at UW-M, at least in football.

President Harrington presented the following recommendation:

That the budget for the Nielsen Tennis Stadium Project be increased by \$50,250 from \$2,356,500 to \$2,406,750, with the increase chargeable to Gift Funds.

Vice President Engman explained that, as this project has developed, Mr. A. C. Nielsen, Sr.'s enthusiasm has been so great that the project has continued to grow at a dramatic pace. He explained that this included the addition of two courts, and air conditioning of the building, with the encouragement of Mr. Nielsen. Other increases, he explained, included continuing the employment of the architectural consultant, and the preparation of a brochure covering the project. Because of changes in the scope of the project, he explained that it was necessary to go back to the Regents and State Building Commission for approval of the increase in the budget.

Regent DeBardleben moved approval of the above recommendation, and the motion was seconded by Regent Friedrich.

Vice President Engman reported that the formal dedication of the Nielsen Tennis Stadium was pretty definitely set for the 25th of May and would include exhibitions at the Stadium, probably in the afternoon, to be followed by a reception at the Alumni House. He indicated that Mr. A. C. Nielsen, Sr., and his son would be present. He suggested that the Regents mark this event on their calendars, and urged them to attend. Regent Pasch recalled that, when the scope of this project was previously increased, Mr. Nielsen had provided the additional gift funds. Mr. Engman explained that all of the additions in the scope of the project were being financed by Mr. Nielsen, with the University contribution of \$250,000 remaining the same as originally provided.

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

President Harrington presented the following recommendation:

That authority be granted to proceed with the development of the Master Plan for the Madison Medical Center.

At the request of President Harrington, Director Wallace Lemon explained this recommendation. He recalled that last May the Regents approved moving forward with the study of the programming for the Madison Medical Center. He noted that the Governor's Task Force on Medical Education had now issued its report, and recommended that the freshman enrollment in the Medical School at Madison be increased from 104 to 160 places as soon as possible. The present Medical Center facilities at Madison, he noted, are considered to be inadequate for such an increase in enrollment. He also pointed out that the programming for the relocated Medical Center also would have to be further studied to accommodate the proposed expansion, that we are now at the stage where it is necessary to move into the next phase of planning which includes the location of facilities and their inter-relationships. The purpose of this recommendation, he explained, was to permit the hiring of a consultant to begin the master planning, with the plan that is developed to come back to the Regents for further review. Regent Pasch inquired whether this involved determining the actual site and then going to the State Building Commission for authority to hire a consultant. Director Lemon explained that the proposal involved two parts, one being the expansion of the program planning, and then the actual planning of the location of facilities. He pointed out that the only present available site is on the west side of the Madison Campus, north of the Veterans Administration Hospital, which is the area which will be involved in the location of the facility. Regent Nellen stated that it was his impression that the Regents had already approved that site; and Director Lemon agreed, stating that this request was for authority to proceed with the planning. President Harrington explained that this was a Madison Campus matter and that he would normally call upon Chancellor Sewell to handle it, but that Director Lemon had been designated as the representative of the central administration in the study of statewide planning for medical education, which also included the long range planning for medical education at UW-M and the problem regarding the support of the Marquette Medical School. President Harrington pointed out that the Governor, in the past week, had acted on the report of the Task Force and had issued a statement that he was in favor of moving ahead with the development of the Madison Medical Center, and that the planning for the UW-M Medical School should move forward. In answer to a question by Regent Werner, President Harrington indicated that the Madison Medical Center master plan would be brought back to the Regents for approval.

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

President Harrington asked Chancellor Sewell to discuss the following recommendation:

That the general concept for site development of the area from North Lake Street to North Park Street and from Lake Mendota to the Southeast Dormitories be approved and authority be granted to prepare final plans and specifications and to advertise for bids on the portion of the area from North Lake Street to North Park Street and from Lake Mendota to a line constituting the lake side of the Union, the Armory, and the original portion of the Wisconsin Center, at a total estimated cost of \$210,000, to be financed by \$30,000 from the Memorial Union Revolving Fund, \$50,000 from Alumni gifts and \$130,000 from State funds allocated for Campus Improvements.

Chancellor Sewell explained that the proposal to landscape and develop the lower campus area had previously been approved in principle by the Regents, and that the plans for the development of the lakeshore area had now been approved by the Madison Campus Planning Committee. Director James Edsall showed and explained a plot plan of the area between Lake Mendota and the Southeast Dormitories and between North Park Street and North Lake Street indicating the general concept for the development of the area. He explained the proposed development of a mall running from north to south through this area, and called attention to the fact that a suggestion had been made to close State Street between North Park Street and North Lake Street. He explained the work to be done in connection with the development of the lakeshore portion of this area at an estimated cost of \$210,000; and showed a picture of a model which included the Elvehjem Art Center and showed the area resulting from the proposed closing of North Murray Street. He explained that the recommendation involved approval of the concept in general of the overall development plan and authority to prepare final plans and specifications and advertise for bids on the lake shore portion of the area. Regent DeBardleben inquired whether the proposal to close that portion of State Street was a long range proposal; and Director Edsall replied in the affirmative, stating that the proposal would be brought back to the Regents for approval, if it is determined to be feasible.

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

President Harrington asked Chancellor Sewell to explain the following recommendation:

That authority be granted to increase by \$145,000 the project budget for the South Lower Campus Project from \$13,696,037 to \$13,841,037; and that authority be granted to reduce by \$145,000 the project budget for Van Hise Hall from \$6,157,550 to \$6,012,550.

Chancellor Sewell explained that this transfer of funds was possible because private funds had been provided for equipment for the central administration space in Van Hise Hall; and stated that the funds to be transferred would be used for the equipment budget for the South Lower Campus Project, including treatment of floors and basic equipment, which had previously been cut out of the South Lower Campus Project. He noted, however, that these additional funds would not bring up the equipment budget for the South Lower Campus Project to the level of equipment originally contemplated.

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

President Harrington asked Vice President Engman to explain the following recommendation:

That \$5,000 be allotted from Gift Funds for the preparation of concept plans for the remodeling of, and an addition to, the Brittingham House.

Vice President Engman explained that gift funds in the amount of \$5,000 were available to study the possibility of remodeling the Brittingham House. It was explained that approval of the State Building Commission was necessary to prepare such plans, which were needed for consideration by the prospective donors of the funds needed to accomplish this project. He explained that, in the proposed request to the State Building Commission, the estimated cost of the project was set at \$160,000, because it was necessary to give the State Building Commission some idea of the scope of the project. He noted that this amount included somewhat over \$13,000 for architectural fees, which would include the architectural work needed to prepare a project presentation for consideration by the prospective donors.

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

Regent Renk suggested that it would be possible to build a pretty good new house for that estimated amount; and inquired whether the donors would consider giving money for a new house. Vice President Engman explained that the attractiveness of this proposal to the donors was that their family home would be restored to its original condition and used as a residence. President Harrington pointed out that the original gift of this project included a large surrounding acreage, but that the original gift did not indicate that the house would necessarily be continued as a residence. Regent Nellen inquired as to the source of the \$5,000 for the concept plans; and expressed the opinion that it seemed to be a large sum for the concept for a project at a total estimated cost of \$160,000. Vice President Engman explained that the \$5,000 was a gift given for this specific purpose, and stated that he did not believe that it would be necessary to use all of the \$5,000 for the concept stage of the planning.

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

President Harrington asked Chancellor Weidner to explain the following recommendation:

That authority be granted for the preparation of preliminary plans and specifications for the Library Learning Center and related site development at the University of Wisconsin-Green Bay at a total estimated project cost of \$6,888,100; and that the State Building Commission be requested to allot \$72,000 of advance planning funds for this purpose.

Chancellor Weidner explained that this recommendation was for the preparation of preliminary plans and specifications for the portion of the facilities at UW-Green Bay that had been deleted from the original project plan. He explained that these facilities involved a library and plaza development. He hoped that the planning would be completed by the time the Legislature provided the funds for the construction of these facilities.

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

President Harrington asked Chancellor Wyllie to explain the following recommendation:

That authority be granted for the preparation of preliminary plans and specifications for the Library Learning Center and related site development at the University of Wisconsin-Parkside at a total estimated project cost of \$7,690,000; and that the State Building Commission be requested to allot \$82,500 of advance planning funds for this purpose.

Chancellor Wyllie explained that the purpose of this recommendation, relating to UW-Parkside, was the same as the preceding one relating to UW-Green Bay.

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

President Harrington announced that the next six items on his report involved building projects at UW-Milwaukee, and he asked Chancellor Klotsche to report on them.

Chancellor Klotsche announced that he would first take up the last of the six items, which was the UW-M Campus Plan presentation, on which there was no action by the Regents needed at this time. Chancellor Klotsche noted that this was the first time that five recommendations have been presented for action by the Regents relating to building projects on the UW-M Campus; and that this was indicative that we are making a break through on the Milwaukee Campus. Chancellor Klotsche presented and explained charts, covering the twelve years since the merger of the Milwaukee Campus with the University of Wisconsin, which showed graphically and in dollar amounts the growth in land acquisition, remodeling, and new buildings. He pointed out that there was little growth and development in the early years following the merger. He noted the land acquisition resulting in a present total of approximately 100 acres. He pointed out the substantial improvement in remodeling, especially with reference to the buildings acquired from the Milwaukee Downer College, the Milwaukee Downer Seminary, and the Milwaukee University School. He estimated that approximately 25,000 students can be accommodated on the "L" shaped campus, and stated that Director William Murphy would show a series of slides showing how that number of students can be accommodated on the "L" shaped campus.

Director Murphy stated that he had a number of slides which were directed primarily to the "L" shaped campus and to possible ways in which it can be developed. He showed slides which showed diagrams of symbols indicating densities with respect to various types of land use and heights of buildings; sketches of architectural elevations indicating various building densities; a map of the UW-M Campus area; a map of the "L" shaped campus showing functional zoning; a map of the "L" shaped campus and the major neighboring institutions, a map of the "L" shaped campus showing densities of building developments; and a map of the "L" shaped campus showing parking areas and pedestrian and vehicular traffic movements. He noted that the planning contemplated planning for parking structures, to provide in the neighborhood of 300 cars each, to be underground below new buildings. He showed a diagram of models indicating combinations of low and high rise buildings; and stated that he hoped it was possible to increase land use densities. He showed a diagram of the "L" shaped campus showing models of the existing buildings and their functional zoning. He showed several diagrams similar to the foregoing but adding newer and proposed buildings, including possible future high rise structures. He showed a diagram similar to the foregoing ones, showing possible developments on the "L" shaped campus, but also some development west of Cramer Street, outside of the "L" shaped area, and some

further expansion of buildings on the "L" shaped campus. Mr. Murphy also showed a diagram showing possible site selections for proposed buildings; a colored sketch of the dormitory complex, now under construction; a colored sketch of models of some proposed buildings; pictures of parking areas; and pictures of some of the present buildings.

President Harrington presented the following recommendation relating to the Madison Communication Arts Building, which had come in too late to be included in copies of his report which had been distributed to the Regents:

That the scope of the Madison Communication Arts Building be reduced to exclude the proscenium theater; and that the estimated project budget be reduced by \$1,000,000, from gift funds, to a revised total of \$8,625,000.

Director James Edsall referred to documents, copies of which had been distributed to the Regents, explaining the proposed revision of the scope of this project. He noted that the reduction of the scope of the project by eliminating at this stage the plans for the proscenium theater would save approximately \$40,000 in the cost of plans. He explained that the proscenium theater could be added to this facility at a later date, if the necessary funds become available.

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

President Harrington stated that the presentation of the UW-M Campus development by Chancellor Klotsche and Director Murphy was very impressive. He emphasized that it should not be forgotten that for six years practically nothing was done with respect to development of the Milwaukee Campus, and that there still were many additional needs to be met.

Continuing with the presentation of the items relating to building projects at UW-M, Chancellor Klotsche presented the following recommendation:

That the preliminary plans and specifications be approved and authority be granted to prepare final plans and specifications for the University of Wisconsin-Milwaukee Union Addition (Stage II).

Noting that this project had previously been before the Regents at the concept stage, Chancellor Klotsche explained that this recommendation involved approval of the preliminary plans and specifications for the addition to the UW-M Union, including the provision for underground parking. Director William Murphy referred to the document covering the budget estimate and area computations, copies of which had been distributed to the Regents. He showed and explained the floor plans, including those for the two level, underground parking structure with mall above. He showed plans of the elevations, cross-sections, and a model of this project. Director Murphy called attention to the fact that the landscaping and surface treatment of the plaza for this project was not included in the present budget estimates, but would be included in the building program for the next biennium.

Regent DeBardleben inquired as to the difference in estimating cost per car in the proposed parking facility in this building as compared with providing them on land that could be acquired outside the present "L" shaped campus. Director

Murphy stated that he did not have comparative figures, but that he estimated that the cost of construction of surface parking was about \$300 per car plus the cost of land acquisition and the demolition of old buildings. He explained that the advantage of a parking facility in this building was that it was right in the heart of the campus, serving the Fine Arts Building, Bolton Hall and the Library, as well as the Union. Regent DeBardleben inquired how many parking spaces would be provided in this facility; and Director Murphy reported that there would be about 483 spaces, and that it was hoped that the actual cost per space would be well below the estimated cost of \$3,300 per car. Regent Werner inquired whether it was the understanding that it would be the policy not to have parking structures. Director Murphy stated that the policy was not to have free standing structures, but rather to provide parking facilities below new buildings. Chancellor Klotsche explained that the plan was to have every major building constructed on the "L" shaped campus have some kind of parking facility included in it. President Harrington stated that, because of the cost of construction, there will be some further consideration given to this policy of parking under each building, although it is theoretically a good policy. He said there was no question as to the need for parking under the Union, which is a place where we must have parking, even if it is found to be difficult to finance. He suggested that it might be found desirable to have a different policy with respect to future buildings. Regent Renk inquired whether the parking facility would be self-liquidating; and Director Murphy stated that it would be, over a period of 34 years. Regent Renk inquired as to what percentage of the 16,000 UW-M students used the Union Building; and Director Murphy reported that a study made some months ago indicated that there were about 80,000 student visits to the Union per day. Chancellor Klotsche explained that some students use the Union any number of times a day; that there are between 5,000 to 6,000 meals served there a day; and that there are concerts and a variety of activities held there during the day and evening. President Harrington noted the importance of a Union facility on a commuter campus. Chancellor Klotsche emphasized that the present Union is a very modest one and a small Union, having been designed from the standpoint of usage by an enrollment of 12,000 students, and is grossly inadequate. He estimated that the present project would be completed in 1971, at which time there would be an enrollment close to 20,000 students.

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

Chancellor Klotsche presented the following recommendation:

That the final plans and specifications be approved and authority be granted to advertise for bids for the University of Wisconsin-Milwaukee Science Complex.

Chancellor Klotsche explained that there had been very few changes in the plans from the preliminary plans and specifications which had been approved by the Regents. This facility, he explained, would house the College of Applied Science and Engineering, Mathematics, and the Computer Center. Director Murphy announced that the architectural drawings were available, if the Regents wished to see them. He showed and explained a model of the project, which included a parking structure below it. He referred to the budget schedule, area computations, and time schedules, copies of which had been distributed to the Regents. He estimated that construction would begin in May of 1968.

Regent DeBardleben moved approval of the above recommendation, and the motion was seconded by Regents Friedrich and Renk.

Regent DeBardleben asked the reason for the relatively few number of parking spaces in this structure. Director Murphy explained that the number of spaces was limited because of subsoil conditions.

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

Chancellor Klotsche presented and explained the following recommendation:

That the proposed site for the University of Wisconsin-Milwaukee Chemistry Building, in the area east of the Science Complex and west of the Parking Area at the rear of Lapham Hall, be approved.

Director Murphy showed a plot plan showing the proposed site; and also showed the location of the site on a model of that area of the campus.

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

Chancellor Klotsche presented the following recommendation:

That the proposed site for the University of Wisconsin-Milwaukee General Classroom Building, on the north side of East Hartford Avenue, in the area east of the Parking Lot, which is east of Chapman Hall, and west of Holton Hall, which is the area now occupied by Albert Hall and by McLaren Hall, which will be razed, be approved.

Director Murphy showed a plot plan showing the location of the site for this project. He noted that the General Classroom Building project would require the razing of two buildings; recalled that the Regents had appropriated funds for the razing of one of them, Albert Hall; and estimated that construction of this project would start in the late Fall of 1969.

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

Chancellor Klotsche presented the following recommendation:

That the proposed site for the University of Wisconsin-Milwaukee Temporary Building, in the area northwest of Sabin Hall and west and south of the Tennis Courts, be approved.

Chancellor Klotsche explained that this Temporary Building would be used primarily for temporary housing for the Psychology Department during the remodeling of Engman Hall, after which the Psychology Department would move back to Engman Hall. He noted that this recommendation was for approval of the site for the Temporary Building.

Regent Friedrich inquired as to what type of temporary building was contemplated. Director Murphy explained that the intention was to use a standard modular prefabricated frame type of structure, with about a sixty foot span. He explained that some architectural work would be required, and that the type of

interior construction had not yet been determined. He showed the location of the proposed site on a plot plan; and noted that it would involve the loss of sixty-four parking spaces. Regent DeBardleben inquired as to the maximum life of the temporary building; and Director Murphy stated that the maximum life was probably the period until the site was required for a new building, but that it was contemplated that it would be needed for five years or so. Regent DeBardleben suggested assuring the temporary nature of the structure by locating it where it was certain that it would have to be moved for a new building. He recalled the length of time it took to get rid of the quonset huts on the Madison Campus. Regent Gelatt inquired as to the square footage in the structure and as to how much classroom area is now rented at UW-M; and Director Murphy explained that the structure would contain about 24,000 gross square feet, of which 18,000 square feet would be assignable. Chancellor Klotsche explained that no classroom space was being rented at UW-M, only office space. Regent Nellen inquired as to the advantage of this type of building over a permanent surge building. Director Murphy indicated that funds were not obtainable for a permanent building. Chancellor Klotsche explained that this building did not come out of the building budget for 1967-69, but would be financed by the Wisconsin State Agencies Building Corporation, and would be paid for over a period of about five years. He recommended the proposed site as the best available. President Harrington explained that this project had been reviewed by the central administration, and that, although it seemed like a large expense, there appeared to be no satisfactory alternative.

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

Regent Pasch inquired as to what adjustment would be made for the loss of sixty-four parking spaces in connection with this project. Director Murphy explained that it was hoped that some athletic field areas could be used for parking within a year; that some additional parking spaces would be obtained in connection with three other projects on the campus; and that about 900 new parking spaces would be coming along in connection with new permanent buildings.

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

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Vice President Gelatt suggested that the meeting be recessed for meetings of the standing committees, to be followed by luncheon at the Union and a tour of the Fine Arts Building. He announced that a meeting of the Special Regent Committee on The University of Wisconsin of The Future would be held at 1:30 P.M., and that the formal meeting would reconvene about 2:30 P.M.

The meeting recessed for committee meetings at 11:30 A.M.

The meeting reconvened at 2:30 P.M. with Vice President Gelatt presiding.

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

ABSENT: Regent Greenquist.

President Harrington presented the following recommendation:

That the University of Wisconsin, Parkside Campus document UWP # 1-68, "Academic Planning Report # 1" dated February 1, 1968 (EXHIBIT A attached), be approved as a formal refinement of the Regent-approved Preliminary Academic Plan for UWP; and that the refined Plan serve as a basis for development of appropriate majors, degree offerings, graduate studies and faculty research programs; and that, in conjunction with the above academic program developments, the Regents support the development of adequate housing facilities at UWP.

Chancellor Wyllie explained that the document presented was merely a formalization of the material previously reviewed by the Regents. He stated he would be glad to answer any questions regarding this matter.

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

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President Harrington presented the following recommendation:

That the University of Wisconsin-Green Bay documents UWGB #17+, "Summary of the Undergraduate Program" (EXHIBIT B attached), and UWGB #16, "Statement of Philosophy and Undergraduate Program" (copy to be filed with the papers of this meeting), be approved as formal refinements of the Regent-approved Preliminary Academic Plan for UWGB; and that they serve as a basis for development of appropriate majors, degree offerings, graduate studies and faculty research programs; and that, in conjunction with the above academic program developments, the Regents support the development of adequate housing facilities at UWGB.

Chancellor Weidner explained that the documents before the Regents on this matter were an expansion and up-dating of the material presented at the last meeting. He noted that this had involved further consideration by some 250 people in the committees made up of representatives of the community, the faculty, and the students, who participated in the planning. He called attention to two changes from the previous material submitted. One was substantially easing the resident requirements for graduation; and the other was the improvement of the statement regarding the College of Creative Communication.

Regent Ziegler inquired as to what was meant by the residence requirements; and Chancellor Weidner explained that it was the time required for graduation. One year residence provided one half of the major is done in residence and one-half liberal education is done in residence.

Regent Nellen moved approval of the above recommendation and of the following recommendation, relating to the initial group of majors to be offered by the University of Wisconsin-Green Bay:

That the following be approved as the initial group of majors (concentrations and options) to be offered by the University of Wisconsin-Green Bay in accordance with the proposal set forth in UWGB #16 and summarized in UWGB #17+:

<u>Unit of Administration</u>	<u>Concentrations</u>	<u>Options</u>
College of Environmental Sciences	Environmental Control (includes air, water, land, and natural resources) Ecosystems Analysis	Chemistry Mathematics Physics Earth Sciences (includes geology, physical geography, and soil science) Biology (botany and entomology, e.g.)
College of Community Sciences	Regional Analysis Urban Analysis Modernization Processes	Anthropology Economics Geography Political Science Psychology Sociology
College of Human Biology	Growth and Development Nutritional Science Population Dynamics Human Movement Human Adaptability	Biology (e.g. biochemistry, microbiology, physiology, and zoology)
College of Creative Communication	Analysis--Synthesis Communication--Action	Performing Arts (Music, Drama, and Dance) Communication Sciences Philosophy History Literature and Language Visual Arts
School of Professional Studies:		
Undergraduate Majors:	Business Administration Public Administration	
Professional Collaterals (non-majors, largely for theme college students)	Education (leading to teacher certification at elementary and secondary levels) Business Administration Public Administration Mass Communication Leisure Sciences Social Services	

The above motion was seconded by Regent Renk, and it was voted.

Chancellor Weidner introduced to the Regents Mr. Kenneth Hogg of the Green Bay Center, who was a student leader who had participated in the program planning for the University of Wisconsin-Green Bay.

President Harrington referred to the item on his report relating to Preliminary Discussion of Budget Procedures for 1969-71 Biennial Budget Requests. He announced that it would be necessary to defer discussion on this item until the next meeting of the Regents, but that Vice President Clodius would make a brief statement regarding budget matters.

Vice President Clodius distributed to the Regents copies of a tabulation from the University of Minnesota of Comparison Study of Average Salaries and Fringe Benefits based on 1967-68 Budgeted Salaries of Full-Time 9 or 10 Month Staff. The tabulation covered the Big Ten institutions plus the University of California and the University of Chicago. He explained that this tabulation provided information as to how the University of Wisconsin is doing in terms of relative standing with respect to salaries. He noted that the results were not as happy as we would like them to be, since in each one of the faculty ranks we have slipped a notch or two. He reported that, on the basis of cash salaries, exclusive of fringe benefits, the rank of the University of Wisconsin from 1966-67 to 1967-68 has dropped from fifth to seventh at the full professor level, from seventh to ninth at the associate professor level, from seventh to ninth at the assistant professor level, and from fifth to sixth at the instructor level. He stated that the administration would have additional material on faculty salaries when the information is presented to the Regents relating to the 1968-69 operating budget.

Vice President Clodius noted that, during the course of the next several months, the University will be making preparations for the next biennial budget (for the 1969-71 biennium). Because the biennial budget requests have to be available to the Coordinating Council for Higher Education in September, he explained that they must be considered and approved by the Regents by August, which meant that it would be necessary to start discussions on the biennial budget requests at the next meeting of the Regents. He suggested having a separate topic relating to the biennial budget for discussion at each of the Regent meetings. He stated that the discussions would be broken down in the manner in which consideration is given to policy issues relating to the budget. For the March meeting of the Regents, he suggested there might be discussion on work load and fixed cost changes. He noted that this topic becomes significant during a period of continued escalation of prices. For the April meeting, he suggested discussion of the whole topic of student costs, including fees and tuition, dormitory costs, and a whole variety of related items. For the May meeting, he suggested discussing enrollment and enrollment methodology, and the method of determining cost per student and how they are projected into the budget. He suggested, for the June meeting, topics relating to the faculty, including compensation, fringe benefits, and recruitment. Finally, for the July meeting, he suggested discussion of improvement programs, including what new areas there are for which the University should seek help from the Legislature. He suggested that instead of trying to have the entire budget requests considered on the basis of one or two meetings, consideration should be given to the component parts, with the Regents addressing themselves to individual questions, and then following with the arithmetic of the budget requests. He suggested that the Regents address themselves to the policy questions in each of the topic areas that had been suggested, and stated that the administration would be pleased to have any suggestions the Regents wish to make. He stated that there would be consideration of budget materials for each of the Regent meetings for the next six months.

Vice President Gelatt expressed the opinion that Dr. Clodius' suggested procedure for consideration of the budget requests would be a very educative process. He inquired whether the administration built the budget from the bottom up or the top down. Vice President Clodius explained that it was built from both directions; and that the primary consideration has to do with the needs of the University, qualified by our ability appropriately to spend increases effectively and efficiently. He explained that the process of budget building, prior to submission of the budget to the Regents, is an interaction between the faculty and departments of the University on the one hand and the administration on the other. He explained that he meant by the top end of the scale, the administration, and at the other end of the scale, the departments, with the budget being built simultaneously from both directions.

At the request of Regent DeBardleben, Vice President Clodius identified the salary data relating to the University of Wisconsin on the tabulation which had been distributed. Referring to the change in ranking of the University of Wisconsin by faculty ranks between 1966-67 and 1967-68, which Vice President Clodius had mentioned, Regent DeBardleben inquired how the University of Wisconsin could be as high as ninth for associate professors when the averages for Wisconsin on the University of Minnesota study were ninth for cash salaries and twelfth for fringe benefits. Vice President Clodius explained that the ranks he had mentioned referred to cash salaries only, and that the ranking of the University of Wisconsin on the tabulation for associate professors was twelfth for total compensation, including fringe benefits.

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The Secretary reported that the annual meeting of the Association of Governing Boards of Universities and Colleges will be held at the College of William and Mary, Williamsburg, Virginia, April 21-23, 1968. Upon motion by Regent Werner, seconded by Regent DeBardleben, it was voted that any members of the Board desiring to attend the annual meeting of the Association of Governing Boards of Universities and Colleges be authorized to do so.

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Regent Pasch presented the Report of the Educational Committee.

Regent Pasch moved approval of the following recommendations of the Educational Committee relating to the approval of graduate degrees at UW-M, the motion was seconded by Regent Friedrich, and it was voted:

1. That the proposal for a Ph.D. Degree in Anthropology at the University of Wisconsin-Milwaukee (EXHIBIT C attached) be approved.
2. That the proposal for a Ph.D. Degree in Chemistry at the University of Wisconsin-Milwaukee (EXHIBIT D attached) be approved.
3. That the proposal for a Ph.D. Degree in Education at the University of Wisconsin-Milwaukee (EXHIBIT E attached) be approved.
4. That the proposal for a Master of Arts Degree in Art History at the University of Wisconsin-Milwaukee (EXHIBIT F attached) be approved.

Upon motion by Regent Pasch, seconded by Regent Friedrich, it was VOTED, That the proposal for a Master of Arts Degree in Public Policy and Administration, Madison Campus (EXHIBIT G attached), be approved.

Regent Pasch moved approval of the following recommendations of the Educational Committee, relating to appointments, the motion was seconded by Regent DeBardeleben, and it was voted:

1. That Richard H. Davis be appointed Professor and Dean of the School of Education, University of Wisconsin-Milwaukee, at an annual salary of \$22,000, effective July 1, 1968.
2. That James P. Gilligan be appointed Professor in the Department of Forestry, College of Agricultural and Life Sciences, Madison Campus, and Urban and Regional Planning, Division of Economic and Environmental Development, University Extension, at an annual salary of \$19,500, effective April 1, 1968.
3. That James W. Olson be appointed Dean of the Marinette County Campus, University of Wisconsin-Green Bay, effective July 1, 1968, at an annual salary of \$14,500.
4. That Peter W. Odell be appointed Director of Admissions, University of Wisconsin-Green Bay, effective July 1, 1968, at an annual salary of \$13,000.
5. That Elaine Catherine (Hatfield) Walster be appointed Associate Professor, Department of Sociology, College of Letters and Science, Madison Campus, at an academic year salary of \$14,000, effective with the second semester of the 1967-68 academic year.
6. That Neil C. Lien be appointed Specialist (Mechanical Engineer), Physical Sciences Laboratory, Graduate School, Madison Campus, at an annual rate of \$13,500, effective February 17, 1968.
7. That Denis Roland Wilkinson be appointed Associate Professor, Department of Landscape Architecture, College of Agricultural and Life Sciences, and Specialist, Department of Planning and Construction, Madison Campus, effective February 16, 1968, at an annual salary rate of \$15,000.

Regent Pasch moved approval of the following recommendations of the Educational Committee, relating to leaves of absence, the motion was seconded by Regents DeBardeleben and Werner, and it was voted:

1. That William A. Hachten, Professor, School of Journalism, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1967-68.
2. That Emile Snyder, Associate Professor, Department of African Languages and Literature, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1967-68.

3. That Walter Albert Morton, Professor, Department of Economics, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1967-68.

Regent Pasch moved approval of the following recommendations of the Educational Committee, relating to resignations:

1. That the resignation of John D. McMaster, Assistant Professor, Department of Medicine, Medical School, and Director of the University Health Service, Madison Campus, be accepted, effective December 31, 1967.
2. That the resignation of Joseph F. Kauffman, Dean of Student Affairs and Professor of Counseling and Behavioral Studies, School of Education, Madison Campus, be accepted, effective June 30, 1968.
3. That the resignation of Mary Elizabeth Lukes, Assistant Professor, with tenure (Community Affairs), Community Programs, Area Home Economics Agent, University Extension, be accepted, effective January 31, 1968.

Regent Renk questioned the procedure of presenting the resignation of Dr. McMaster at this time when the resignation was effective December 31, 1967.

Regent Renk seconded the above motion, and it was voted.

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

That Stanley Weiss be appointed as Associate Professor, Department of Materials, College of Applied Science and Engineering, University of Wisconsin-Milwaukee, for the academic year 1968-69, at an academic year salary of \$14,400.

Vice President Engman commented on the appointment of Mr. Weiss, and on the appointment of Mr. Gilligan, whose appointment was included in the appointments covered by the Report of Personnel Actions by the President of the University. He recalled that the Regents at the preceding meeting had approved the appointment of Professor Clyde Adams as the Pelton Professor of Metallurgical Engineering, University of Wisconsin-Milwaukee. He explained that Mr. Weiss and Mr. Gilligan had been working at the Massachusetts Institute of Technology with Professor Adams. He stated that it was very fortunate that these two additional people, who had worked with Professor Adams in this very special field, which is one that UW-M is trying very hard to build up, could be recruited. Chancellor Klotsche stated that the obtaining of these two additional staff members from M.I.T. will give the UW-M one of the strongest departments in the country in this area. He stated that he was very pleased that it was possible to attract the distinguished Professor Adams, and he, in turn, his colleagues.

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

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

That the status of David Perlman be changed from Professor of Pharmacy, School of Pharmacy, Madison Campus, to Dean, School of Pharmacy and Professor of Pharmacy, Madison Campus, effective July 1, 1968. Salary to be determined in the budget.

Regent Renk inquired whether a majority of the School of Pharmacy faculty approved of this appointment. Chancellor Sewell explained that Professor Perlman's name was brought forward on a list by the Search and Screening Committee, and that he had recommended the appointment from that list. He explained that the Search and Screening Committee canvasses the faculty of the school for suggestions and comes up with a list of names of individuals that will be satisfactory. He explained that, in the final selection step, he does not go back to the Search and Screening Committee. Regent Renk also inquired whether people in the pharmacy profession were consulted regarding the selection of the Dean; and Chancellor Sewell replied in the affirmative.

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

Regent Pasch moved approval of the following recommendations of the Educational Committee, relating to changes of status, and the motion was seconded by Regent DeBardeleben:

1. That Byron R. Bird, Professor, Department of Chemical Engineering, College of Engineering, Madison Campus, be named the Charles F. Burgess Distinguished Professor of Chemical Engineering, effective February 17, 1968, with no change in salary from that indicated in the 1967-68 budget.
2. That William D. Walker, Professor, Department of Physics, College of Letters and Science, Madison Campus, be named the Max Mason Distinguished Professor of Physics, effective February 17, 1968, with no change in salary from that indicated in the 1967-68 budget.
3. That Lloyd A. Kasten, Professor, Department of Spanish and Portuguese, College of Letters and Science, Madison Campus, be named the Antonio G. Solalinde Distinguished Professor of Spanish and Portuguese, effective February 17, 1968, with no change in salary from that indicated in the 1967-68 budget.
4. That the status of Porter Butts, Director and Professor of Social Education, Wisconsin Union, Madison Campus, be changed to Professor of Social Education, Wisconsin Union, Madison Campus, effective July 1, 1968, salary on a half-time basis, to be determined in the 1968-69 budget.

Regent Pasch reported that the four above recommendations were unanimously recommended by the Educational Committee.

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

Regent Pasch presented the following change of status recommendation, which he explained had been considered by the Educational Committee and was recommended by a majority of the Educational Committee:

That the status of Theodore E. Crabb, Director, UWM Union, University of Wisconsin-Milwaukee, be changed to Director (Faculty Status), Wisconsin Union, Madison Campus, effective July 1, 1968, salary to be determined in the 1968-69 budget.

Regent Pasch explained that the Educational Committee had been asked to permit two students to appear before the committee in objection to this recommendation; and he started to explain the reasons given by the two students for their objection. Regent DeBardeleben raised a point of order, stating that it was not proper to air, in this open meeting, parts of the discussion which were held in the closed session of the Educational Committee. Vice President Gelatt ruled that the point of order was properly taken.

Stating that he was one who had voted in favor of this recommendation in the Educational Committee meeting, Regent DeBardeleben moved approval of the recommendation.

Regent Renk suggested that, if there was objection to this recommendation, apparently serious objection, the Board should hear it. Regent Gelatt noted that there was scheduled an executive session of the Board for later in the afternoon. Regent DeBardeleben withdrew his motion; and Vice President Gelatt ruled that the above recommendation would be considered later in the executive session of the Board.

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

Regent Ziegler moved approval of the recommendation of the Business and Finance Committee (EXHIBIT H attached), relating to Reroofing of Campus School, Kenwood Campus, UW-M - Contract Awards & Cost Schedule. The motion was seconded by Regent Nellen, and it was voted.

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Regent Ziegler moved approval of the following recommendations of the Business and Finance Committee, relating to Deputizing University Police Officers, and the motion was seconded by Regents Renk and Werner:

That, as recommended by the Chancellor of the Milwaukee Campus, Rollo J. Fults, Jerome O. Jones, and Frank Springob be deputized, effective March 1, 1968, for service as Police Officers on the University of Wisconsin-Milwaukee Campus.

That, as recommended by the Chancellor of the Madison Campus, Richard A. Hartwig and Jack E. Schwichtenberg be deputized, effective immediately, as University Police Officers on the Madison Campus.

Regent DeBardeleben inquired whether these police officers were taking the place of others or were new ones. Regent Ziegler replied that they were additions to the staff. Regent DeBardeleben inquired how many police officers there were on the Madison Campus; and Associate Vice President Lorenz reported that there were twenty-nine, including the new appointments.

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

Upon motion by Regent Ziegler, seconded by Regent Renk, it was VOTED, That any Vice President or the Associate Vice President for Business and Finance be authorized to sign license agreements with the Chesapeake and Ohio Railway Company and the Grand Trunk Western Railroad for the installation of University research equipment upon, and the use of these railroads' car ferries operating across Lake Michigan, in connection with the University of Wisconsin-Milwaukee (Center for Great Lakes Studies) conducting studies and research pertaining to the physics, chemistry, and biology of the waters of the Great Lakes.

Upon motion by Regent Ziegler, seconded by Regent Werner, it was VOTED, That, upon the recommendation of the Chancellor, University Centers, concurred in by Central Administration, any Vice President or the Associate Vice President for Business and Finance be authorized to sign a memorandum agreement with Marathon County covering the management and operation of the dormitory being constructed by Marathon County.

Upon motion by Regent Ziegler, seconded by Regent Nellen, it was VOTED, That Wisconsin University Building Corporation be advised that The Regents of the University of Wisconsin will not make the annual rental payment, due March 15, 1968, in the amount of \$58,000.00 on Gymnasium Unit No. 1, as provided in the Sublease between Wisconsin University Building Corporation and The Regents of the University of Wisconsin; and that Wisconsin University Building Corporation be directed to make the annual payments of principal and interest, due April 1, 1968, on the loan on Gymnasium Unit No. 1, from the non-principal portion of the Note Reserve Fund G-1, which is maintained by said Corporation.

Upon motion by Regent Ziegler, seconded by Regent Nellen, it was VOTED, That the Executive Committee be authorized to act for The Regents of the University of Wisconsin in adoption of resolutions relating to the leases and subleases of building project sites for the University of Wisconsin - Madison Chemistry Building, the University of Wisconsin - Madison Engineering Research Building, the University of Wisconsin - Parkside Initial Buildings, and the University of Wisconsin - Green Bay Initial Buildings projects and to the interim financing of said projects by the Wisconsin State Agencies Building Corporation.

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

That the 1967-68 Budget for Central Administration be increased by \$8,800 due to action of the Board on Government Operations on December 18, 1967, allocating this amount from the appropriation made by 20.385(1)(c) to the appropriation made by 20.830(1)(a).

Fund 20.830(1)(a) - Central Administration -
 General Administration and General Expense \$8,800

(This supplemental allocation is for the purpose of strengthening University of Wisconsin planning capability.)

Regent Ziegler stated that this allocation of funds had been turned over to the University for long range planning purposes in the area of Vice President Clodius' department, and in the area of building development under Director Wallace Lemon. The question was put on the above motion, and it was voted.

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(Regent Kahl asked to be excused, and left the meeting at 3:12 P.M.)

Regent Nellen stated that he would like to take up the matter of employment interviews, and would like to speak specifically to Chancellor Sewell on this matter. He expressed the opinion that the postponement of the Dow Chemical Company interviews was contrary to the wishes of the Regents as expressed by the resolution adopted at the November meeting, and was also contrary to the stand taken by the faculty. He requested some discussion of the matter as to possible rescinding of that postponement order, and asked for an explanation of the circumstances and the reason and the authority for the cancellation of the interviews.

Chancellor Sewell stated that the interviews had not been canceled, but deferred to a later date, that date to be sometime after the committee, which was appointed pursuant to the resolution adopted by the faculty on October 23, 1967, comes up with a decision. Regent Nellen inquired regarding the resolution adopted by the faculty. Chancellor Sewell explained that it was a resolution passed by the faculty on October 23 to establish a committee to examine placement policies and to propose methods of responding to disruptions. He explained that the faculty resolution had been passed by an overwhelming vote of the faculty; that the committee had been at work now for some time; and that it was composed of seven faculty members and seven students. He stated that the committee has been at work trying to develop proposals that it feels that the entire faculty, student body, and administration could support. He expressed the opinion that the committee should have an opportunity to complete its report and make a report to the faculty for action, and for approval of this board, during a period in which there would be no involvement with disruptive kinds of behavior. He suggested that this was consistent with the University policy, as approved by this Board as long ago as 1949, that the University, in extending the use of its facilities to outside agencies, will determine the time, manner, and place of the use of such facilities. He stated that the postponement decision was taken after consultation with Professor Mermin, Chairman of the Committee established pursuant to the faculty resolution of October 23, with members of the Chancellor's staff, and others. He also noted that decision was made after discussion with representatives of the Dow Chemical Company and with representatives of the Navy and Marine Corps, and agreed to by them. He saw the decision as being no violation of the University policy.

Regent Nellen stated that he did not say that it was a violation of University policy, but he emphatically contended that it was in disagreement with specific action taken by this Board of Regents at the November meeting, such action being on record and part of the minutes. He also noted that, at the same meeting, material was presented that led the Regents to believe that the faculty had voiced its opinion by vote that placement interviews should continue. He expressed the opinion that the Chancellor's authority in creating such a committee to study the situation did not give him the authority to change the policy in the middle of the stream. Regent Nellen inquired whether all employment interviews had been canceled for all other corporations; and Chancellor Sewell replied in the negative. Regent Nellen then stated that he did not think it was a general situation that the Chancellor was meeting, but was specifically reacting to the Dow Chemical Company. Chancellor Sewell stated that the postponement decision was also related to the

military interviews. He stated that it was not a change of policy. He explained that the University has always been in a position of setting dates and places and manner of interviews. He explained that, in this instance, the dates had originally been scheduled over a year ago and considered tentative by both the company and the University. He stated that it was felt then, and it was felt now, that these interviews could very well result in disruption, and it was felt desirable to prevent disruptive incidents at any time, but certainly, if they were likely to occur, until the committee could report its findings to the faculty.

Regent Nellen inquired whether the Dow Chemical Company and the others had been given alternate interview dates, and if so, whether they were within the reasonable time that most students in the graduating class make their employment decisions. He indicated that he understood that that time was somewhere in February or March; and he stated that it stood to reason that job interviews would not be of much value in May or June. The Chancellor stated that many are scheduled in the latter period. Regent Renk agreed with Regent Nellen that the prime interviewing time was in February and March, and that anything later would be too late. He expressed the opinion that the postponement of the interviews was discriminating against these particular organizations. He stated that it would be a different situation if all interviews had been delayed, but here three corporations were being delayed because of possible riots on campus. He thought that it had been pretty well settled that, when an interview was scheduled, it would be held. Chancellor Sewell stated that he had no doubt but that the interviews could be held at the times scheduled if we were willing to bring in about 350 policemen from seven counties. He expressed the opinion that it was very likely that the whole academic community would unite behind a more reasonable, rational and prudent way. He stated that it seemed more prudent to wait until such time as the faculty committee had a chance to report.

(Vice President Gelatt turned the Chair over to Regent Ziegler.)

Vice President Gelatt stated that he was not speaking for himself, but that President Greenquist had asked him to state President Greenquist's position on this issue. He reported that President Greenquist's position regarding the action taken by this Board in November was that it was a reinforcement of the previous policy that interviews would be held as a service to students. Further, that that issue had been debated by this Board, and, supported by a divided vote with a substantial majority, it was the sense of the motion at the time taken that interviews would be held and without postponement. Vice President Gelatt reported that Regent Greenquist had noted that a question had been raised at the November meeting as to whether additional interviews, which were coming up on the following week, should be delayed, and believed that it was in that context that the Board had voted to hold interviews.

(Vice President Gelatt resumed the Chair.)

Regent DeBardleben expressed the opinion that there was nothing before the Regents to consider. He stated that it was his understanding that the interviews had been postponed and not canceled. This he said was an administrative decision, completely and properly within the province of the Chancellor. He stated that it would be intolerable if the Regents were to look over his shoulder. He expressed his opinion as being that the Chancellor's decision on its merits, was proper and prudent and an administrative one, and within his authority. He pointed out that the resolution adopted by the Regents in November did nothing but set forth a statement of policy to continue to allow placement interviews on this

campus. Regent DeBardleben stated that, in putting these questions to the Chancellor, the Regents are trying to blame him for the unrest and dissatisfaction that exists, not only with students, but throughout the country. He stated that he believed that the Chancellor had acted well within his discretion and had acted prudently.

Regent Ziegler suggested that the postponement of the interviews could be a violation of the Regent resolution or not, depending upon the actual reason for postponement. He stated it could be hoped that the passage of time could correct the attitude of the students, but expressed the opinion that passage of time would not change anything. He did not know what would be accomplished by postponing the interviews. He indicated that it would be perfectly all right if it was the desire of the administration to postpone the interviews for a reasonable time, but to postpone for one or two years would go beyond the intent of this Board. He inquired what the administration would do if the faculty committee studying employment interviews were to come up with a recommendation contrary to the policy stand taken by this Board, which was that all interviews continue to be taken on this campus.

Chancellor Sewell stated that his position all along had been to wait until the faculty committee comes up with its report; and he pointed out that this Board would have the final say regardless of what the faculty comes up with. Regarding the possibility of the postponement to continue for two to three years, Chancellor Sewell stated that the faculty committee was hoping very much to be able to report at the April faculty meeting; and that there was no intention to have the matter go on for two to three years, and he hoped to have it settled this semester.

President Harrington stated that Chancellor Sewell's decision was within the area of his administrative discretion; and that Chancellor Sewell had checked with him before he announced the decision, and that he associated himself with it. He agreed that it would be a violation of the Regent resolution, and Madison faculty resolutions as well, if the Chancellor were to cancel these interviews; and that it would be a violation of Regent and faculty resolutions if these interviews were to be unreasonably postponed beyond this semester. He stated that it was not a violation of Regent or faculty resolutions to have them postponed in this fashion, since Chancellor Sewell had indicated the time and place are set by the University, which does involve some administrative decisions. President Harrington pointed out that the role of the administration is one of doing what the Regents and the faculty want, and, when there is conflict, the administration will present the faculty's decision to this Board. He pointed out that the administration has certainly demonstrated its willingness to continue interviews in the face of disruptions, as was demonstrated by having Dow Chemical Company interviews in Milwaukee. He explained that the interviews in Milwaukee were shifted from the Kenwood Campus, but were held on University property; and agreed that it would be a violation of the Regent position to shift them off campus. He contended that, with the exception of delay, the postponement decision was in line with the Regent and faculty resolutions. He recalled that the Regents, in November, had requested the administration to propose changes in the Wisconsin Administrative Code so that, in future cases of disruption, it would be possible to deal with such disruptions under the Administrative Code. He pointed out that the Regents held a hearing on such proposed changes in January, and, in accord with the suggestion of the administration, had delayed action on the changes in the Wisconsin Administrative Code until the March meeting, in order to permit the appropriate faculty committees to look over the proposed changes and offer suggestions. He stated that this illustrated the point that one can, when faced with a difficult situation, very frequently handle it best if one handles it carefully. President Harrington said that it was possible that, by postponing the Dow interviews to a later date, some persons might be denied getting a position with Dow as against some other job. He stated that the administration was attempting to protect employment interviews in line with Regent and faculty policy.

Regent Renk expressed the opinion that the deferring of the employment interviews was accomplishing the end that the student rioters wanted. President Harrington stated that it did not seem to him that it played into the hands of the disrupters, but rather felt that it had just the opposite effect.

Regent Renk referred to an article in the Daily Cardinal with reference to seven students who had been dismissed, as a result of the October 18th disruptions, being permitted to register for the second semester. Regent Renk raised a number of questions regarding the number of students who had been charged with offenses in connection with the October 18th disruptions, the number who appeared before disciplinary committees, the number suspended, and the number against whom charges were dropped. President Harrington and Chancellor Sewell reviewed at some length the disposition of the various types of cases.

Recalling that he had received an announcement of the first meeting of the University Faculty Assembly, which was held on February 3, Regent Ziegler inquired whether the Assembly had done anything with respect to proposed changes in the Wisconsin Administrative Code. President Harrington explained that the University Faculty Assembly is a new body, a legislative body, representing the faculty in all divisions of the University on a proportional basis, and would be deciding questions of all-University importance. He noted that these included the question of the possible revision of Chapter 36 of the Wisconsin Statutes relating to the University, parts of which were recommended for revision by the Senate Select Committee but were not passed by the State Assembly. He pointed out that that would be a long range matter; and that the University Faculty Assembly would have committees working and then would work with the Regents and with Faculty groups that work with the Regents, such as the University Faculty Council, with respect to possible revision of Chapter 36 of the Wisconsin Statutes. President Harrington explained that he reported to the University Faculty Assembly, at its first meeting, that the Regents were considering changes in the Wisconsin Administrative Code, but at their January meeting postponed action until the March meeting to give the faculty groups an opportunity to consider proposed changes. He explained that, since the University Faculty Assembly would not again be meeting until April, he had suggested that proposals relating to changes in the Wisconsin Administrative Codes should be handled by other faculty committees, such as the Madison University Committee, the Milwaukee University Committee, the University Faculty Council, and other faculty committees concerned with the proposed changes. He reported that the first meeting of the University Faculty Assembly held in Madison was well attended, that the next meeting would be held in Milwaukee in April, and the third meeting in Wausau in December, which was indicative that it was an all-University body.

Regent Nellen stated that, just so he understood the situation, he would like to have reiterated the mechanics of what will happen to the recommendation of the faculty committee appointed to study employment interviews. He expected that no action would be required if the faculty committee recommended interviews to continue as in the past in conformity with the resolution of the Regents. He inquired whether, if the faculty comes through with a recommendation that certain interviews be discontinued, Chancellor Sewell would then come before the Board and ask it to rescind its previous action and take another stand.

Chancellor Sewell stated that, if the committee took such an action, it would then go to the University Committee, then to the Madison Faculty, and then it would be brought to the Regents. President Harrington pointed out that, if the faculty moves in a direction contrary to Regent position, it would be a matter for the University Faculty Council to confer on with the Regents. He pointed out that the Madison administration and the central administration would make a recommendation to the Regents. He suggested that the Regents should not anticipate a

recommendation that job interviews should cease. Regent Nellen added that the faculty committee would come back with one of two answers, either the policy is correct, or we are going to change it. President Harrington stated that the faculty committee was discussing many more things than that. He pointed out that the Regents need not agree with the faculty, but could differ in small part or in large part. Regent Nellen stated that he looked at the matter with some apprehension, since he believed it was a retreat from the previous stand of the Regents.

Regent Ziegler expressed the opinion that the Regents who voted in favor of the employment interview resolution in November, have faith in the administration, and could be confident that the employment interviews would be held within a reasonable time this semester.

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Vice President Gelatt announced that the Board would recess for Executive Session to consider personnel matters. The meeting recessed for the Executive Session at 3:52 P.M.

The Board arose from Executive Session at 4:40 P.M.

Vice President Gelatt announced that the Board, in Executive Session, by a majority vote, had approved the following recommendation of the Educational Committee:

That the status of Theodore E. Crabb, Director, UWM Union, University of Wisconsin-Milwaukee, be changed to Director (Faculty Status), Wisconsin Union, Madison Campus, effective July 1, 1968, salary to be determined in the 1968-69 budget.

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The meeting adjourned at 4:41 P.M.

Clarke Smith, Secretary

Unrestricted

1. \$ 300.00 - The Ohio Valley Gas Company, Columbus, Ohio, an unrestricted gift to be added to the President's Special Fund. (Trust)
2. 100.00 - Mr. and Mrs. Jacob Friedland, Staten Island, New York, an unrestricted gift to be added to the President's Special Fund. (Trust)
3. 42.50 - Honeywell Fund No. 2, Minneapolis, Minnesota, a gift matching contributions made by their employees, to be added to the President's Special Fund. (Trust)
4. 400.00 - Anonymous donor, given in memory of the late Professor Charles Bunn, to be used for the program for disadvantaged students on the Madison Campus. (President's Special Fund) (Trust)
5. 50.00 - The John W. Hill Foundation, Inc., New York City, an unrestricted gift to the University in connection with a graduate scholarship awarded directly by the donor, to be added to the President's Special Fund. (Trust)

Instruction

1. -- - That the following terms be approved for the gift of \$500 made by the Murphy Products Company, Burlington, Wisconsin, accepted by the Regents November 4, 1966:
 1. The award will be known as the "Murphy Products Company Foundation, Inc. Excellence in Teaching Award in Agriculture".
 2. The recipient must be an individual who exemplifies those characteristics of an excellent teacher, demonstrating quality teaching through motivation of students, innovating new teaching procedures, maintaining high standards of confidence in communicating with students, and making an effective contribution to the instructional programs and activities of the College of Agriculture. The recipient should be one who possesses superior intellectual attainment and is held in high regard by professional colleagues. The recipient should be one who has the capacity to awaken students to their potential and to the potential of their communities, their state, their nation, and the world.
 3. The selection of the Excellence in Teaching Award recipient shall be made by a committee composed of the Dean and Director of the College of Agriculture, the Associate Dean of Resident Instruction, and by at least one other individual designated by the Dean and Director of the College of Agriculture who is a member of the Faculty of the College. (133-5652)
2. 5.00 - Rev. and Mrs. Fritz H. Miller, La Crosse, Wisconsin, to support nursing programs under the direction of the Nursing Department of University Extension to be disbursed without regard to state regulations. (133-6204)
3. 32,184.00 - Milwaukee County, Milwaukee, Wisconsin, to defray the cost of the services of a minimum of eight University Extension staff members during the calendar year 1968. (133-5290)
4. 2,800.00 - The Robert A. Taft Institute of Government, New York City, to defray a portion of the costs of conducting a Robert A. Taft Institute of Government Seminar during the spring of 1968 - Institute of Governmental Affairs, University Extension. (133-6255)

Instruction

5. Department of the Army, Office of Civil Defense, Washington, D. C., termination date of contract in support of the preparation and teaching of correspondence instruction materials in "Radiation Shielding Analysis and Design" extended from December 31, 1967 to March 31, 1968 - Department of Engineering, University Extension. Contract CCD-OS-63-170, Modification No. 6 (144-4829)
6. Atomic Energy Commission, Washington, D. C., termination date of grant for the purchase of equipment to be used in the educational program of the Department of Nuclear Engineering extended from December 20, 1967 to March 1, 1968 - Grant NSE 43-1-67 (144-7467)
7. National Science Foundation, Washington, D. C., in support of the following programs:
- 1) \$ 46,340.00 - "Research Participation for High School Teachers" for a period terminating June 30, 1969 - Department of Zoology (GW-2887) (144-8420)
 - 2) 142,200.00 - "Academic Year Institute in Mathematics and Science for Secondary School Teachers" for a period terminating July 31, 1969 - Department of Curriculum and Instruction (GW-2332) (144-8421)
 - 3) 53,000.00 - "Summer Institute in Science (ECCP) for Secondary School Teachers" for a period terminating June 30, 1969 - Department of Engineering, University Extension (GW-2790) (144-8422)
 - 4) 62,610.00 - "Summer Institute in Mathematics for College Teachers" for a period terminating September 30, 1968 - Department of Mathematics. (GY-3991) (144-8429)
 - 5) 10,000.00 - Undergraduate Research Participation Program for the period December 22, 1967 through October 31, 1968 - Department of Botany, The University of Wisconsin - Milwaukee. (GY-4654) (144-8442)
 - 6) 54,775.00 - "Cooperative College-School Science Program" for a period December 18, 1967 through June 30, 1969 - Department of Physics, The University of Wisconsin - Milwaukee (GW-2999) (144-8443)
 - 7) 93,740.00 - "Cooperative College-School Science Program" for a period December 18, 1967 through June 30, 1969 - Department of Mathematics. (GW-3055) (144-8444)
 - 8) 8,320.00 - "Undergraduate Research Participation" for a period December 22, 1967 through October 31, 1968 - Department of Psychology, The University of Wisconsin - Milwaukee (GY-4602) (144-8450)

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

2-16-68

Instruction

- 9) \$ 11,700.00 - "Undergraduate Research Participation" for the period December 22, 1967 through October 31, 1968 - Department of Mathematics. (GY-4473) (144-8451)
- 10) 20,550.00 - "Undergraduate Research Participation" for the period December 22, 1967 through October 31, 1968 - Department of Chemistry. (GY-4404) (144-8452)
- 11) 6,600.00 - "Undergraduate Research Participation" for the period December 22, 1967 through October 31, 1968 - Department of Physics, The University of Wisconsin - Milwaukee (GY-4250) (144-8453)
- 12) 6,000.00 - "Undergraduate Research Participation" for the period December 22, 1967 through October 31, 1968 - Department of Chemistry, The University of Wisconsin - Milwaukee (GY-4399) (144-8454)
8. 945.00 - Office of Education, Department of Health, Education, and Welfare, Washington, D. C., additional support for the 1967 NDEA Institute for Advanced Study in Reading for the period November 1, 1966 through October 31, 1967 - Department of Curriculum and Instruction, The University of Wisconsin - Milwaukee. Contract OEC-3-7-491031-2291 (144-7365)
9. 11,691.00 - Public Health Service, Office of the Surgeon General, Washington, D. C., in support of a Course in Gastro-camera Photography for the period January 1, 1968 through December 31, 1968 - Department of Medicine (59890-02-68) (144-8407)
10. 5,100.00 - Public Health Service, National Institute of Mental Health, Bethesda, Maryland, in support of a Predoctoral Fellowship Award for the period December 3, 1967 through December 2, 1968 - Department of Psychology, Graduate School. (5-F1-MH-34,376-02) (144-8405)
11. 7,100.00 - Public Health Service, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, in support of a Predoctoral Fellowship Award for the period October 21, 1967 through October 20, 1968 - Department of Mechanical Engineering, Graduate School (5-F3-AP-35,104-02) (144-8363)

Instruction

12. Public Health Service, National Institutes of Health
Bethesda, Maryland, in support of the following:
- 1) \$ 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period
November 5, 1967 through November 4, 1968 - School of
Pharmacy. (1-F2-CA-29,638-01) (144-8381)
 - 2) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period
December 5, 1967 through December 4, 1968 - Department of
Chemistry. (6-F2-CA-25,233-01A1) (144-8463)
 - 3) (2,633.00) - Predoctoral Fellowship Award due to change in termination
date from May 19, 1968 to January 8, 1968 - Department
of Chemistry, Graduate School.
(5-F1-GM-31,093-03, Revised) (144-8157)
13. 17,250.00 - Social and Rehabilitation Service, Department of Health,
Education, and Welfare, Washington, D. C., additional
support for a Training Program in Rehabilitation Counsel-
ing for the period September 1, 1967 through August 31,
1968 - Department of Educational Psychology, The University
of Wisconsin - Milwaukee
(VRA 618-T-68, Amendment No. 1) (144-8145)
14. Agency for International Development, Washington, D. C.
termination date of contract in support of Technical
consultant services and training programs for educational
personnel in Venezuela at a total cost of \$100,000 ex-
tended from June 30, 1968 to December 31, 1968 -
School of Education, The University of Wisconsin- Milwaukee
Contract AID/1a-316, Amendment 7 (144-6446)
15. Office of Economic Opportunity, Washington, D. C.,
revises budget for grant in support of Pre-service
Rural Community Action Agency Technicians training
program and CAP-TAP (joint OEO and USDA) staff training
for the period September 1, 1967 through June 30, 1968 -
at a cost of \$554,402 - University Extension, Division of
Human Resource Development Grant CG-8407 B/1, Amend-
ment 2 (144-8072)
16. 2,240.00 - Various U. S. Government Agencies, in support of a Mid-
Winter Leadership Seminar held December 22 through
December 29, 1967 - School of Education, The University
of Wisconsin - Milwaukee (144-8433)

Instruction

17. Office of Juvenile Delinquency and Youth Development, Department of Health, Education, and Welfare, Washington, D. C., extends termination date from June 30, 1967 to December 31, 1967 - Institute of Governmental Affairs, University Extension Grant 66205 (144-6519) Training Program (Curriculum Development)
18. \$29,924.00 - Public Health Service, Office of the Surgeon General, Washington, D. C., in support of "A Non-Professional Service Agency Training Program in Mental Retardation" for the period January 1, 1968 through December 31, 1968 - Department of Counseling and Behavioral Studies Grant 59894-02-68-48 (144-8523)
19. Public Health Service, National Institutes of Health, Bethesda, Maryland in support of the following research programs:
- 1) 5,300.00 - Predoctoral Fellowship Award for the period February 1, 1968 through January 31, 1969 - Department of Chemistry Grant 5-F1-GM-31,648-03 (144-8490)
 - 2) 500.00 - Postdoctoral Fellowship Supply Allowance for the period January 1, 1967 through December 31, 1967 - Department of Medicine Grant 7-F3-AM-18,231-02 (144-8527)

Student Aid

1. \$ 200.00 - Brebner Machinery Company, Inc., Green Bay, Wisconsin, additional contribution to the loan fund for students in Civil Engineering accepted by the Regents on December 6, 1958. (Loan)
2. 20.00 - Mr. and Mrs. Walter H. Tacke, Milwaukee, Wisconsin, given in memory of the late Professors Leslie Van Hagan and Ray S. Owen, to be added to the College of Engineering Loan Fund. (Loan)
3. 600.00 - M. Gerhard Dokken, Scarsdale, New York, to be added to the M. Gerhard Dokken Fund in accordance with terms approved February 1, 1958. The fund is to be used to make loans to qualified students in the field of science by the Committee on Loans and Undergraduate Scholarships. (Loan)
4. 25.00 - Dr. and Mrs. Norman O. Becker, Fond du Lac, Wisconsin, to be added to the Robert Gavin Medical Student Loan Fund. (Loan)
5. 25.00 - Friends of the late Professor J. C. Gibson, to be added to the J. C. Gibson Accounting Loan Fund. (Trust)
6. 3,179.55 - Cornelius L. and Florence G. McMullen Trust, for the establishment of the C. L. McMullen Loan Fund to be used for making non-interest-bearing loans to undergraduate students in the College of Engineering (interest to be charged after the loans mature). Preference in making loans to be given in the following order:
 1. Such students who have resided in Dodgeville, Wisconsin, for at least two years prior to enrollment in the University, if any.
 2. Such students who have resided in Iowa County, Wisconsin, for at least two years prior to enrollment in the University, if any.
 3. Such students who are residents of the State of Wisconsin. (Loan)
7. 2,400.00 - United States Rubber Company, Wayne, N. J., for continued support of graduate training in basic research in the Department of Chemistry during 1968-69. (133-725)
8. -- - Professor Charles C. Holt, Madison, Wisconsin, a gift of securities having a market value of approximately \$1,282 to be used by the President of the University for the benefit of disadvantaged students. (President's Special Fund -Trust)
9. 500.00 - Aring Equipment Company, Inc., Butler, Wisconsin, to continue a scholarship fund in the Department of Civil Engineering during 1967-68, as approved by the Regents on January 17, 1959. (133-2507)
10. 100.00 - Dr. George A. Fiedler, New York City, a contribution to be added to the Student Financial Aid Fund. (133-2109)

Student Aid

11. \$ 300.00 - ~~Cornland~~ Fertilizers, Inc., Sun Prairie, Wisconsin, for the support of a continuing annual scholarship to be awarded to a junior or senior in the College of Agriculture enrolled in a major or option preparing for a career in the area of crop science or soil science. The award will be known as the "Cornland Fertilizer Scholarship". (133-6221) S
12. 2,125.00 - Foundry Educational Foundation, Cleveland, Ohio, for continuation during the second semester of 1967-68 of their scholarship program in metals casting - Department of Minerals and Metals Engineering. (133-767) S
13. 25.00 - Kenneth E. ~~Fritz~~, Schenectady, New York, for the support of a scholarship to be administered by the Student Financial Aids Office. The gift will be matched by the General Electric Matching Gift Program. (133-2109) S
14. 1,000.00 - Gehl Foundation, Inc., West Bend, Wisconsin, to continue an annual scholarship award program in Agricultural Engineering in accordance with terms approved March 10, 1967. (133-5758) S
15. 100.00 - The Godfrey Foundation, Milwaukee, Wisconsin, for continued support of their scholarship in the Farm Short Course, to be awarded to a farm youth from Wisconsin. (133-2953) S
16. 9,000.00 - The ~~Wisconsin~~ Alumni Research Foundation, Madison, Wisconsin, earnings from the trust established for the benefit of the Gilbert and Edith Hodges Scholarship Fund, to be used in accordance with the Regents' action of January 5, 1962. (161-0007) S
17. 238.00 - Walter A. ~~Strong~~, Beloit, Wisconsin, to provide a tuition scholarship for the editor of The Matrix, a Rock County Center publication. (133-6232) S
18. 60.00 - Friends of the late Professor Ray S. Owen, Madison, Wisconsin, given in his memory, to be added to the Ray and Theo Owen Scholarship Fund. (Trust) S
19. -- - The ~~Sundstrand~~ Foundation, Rockford, Illinois, to establish a continuing scholarship, up to \$500 per year to be awarded to students enrolled in Mechanical, Electrical, Metallurgical, or Industrial Engineering selected by the scholarship committee of the College of Engineering, subject to the approval of the Student Financial Aids Committee. The first award will be made for the 1968-69 academic year and will continue for at least three additional years. (133-6217) S
20. 2,350.00 - Medical School ~~Class~~ of 1947, to establish the Medical School Class of 1947 Trust Fund. The income shall be used annually to support a senior student in an unusual educational endeavor such as a preceptorship, overseas, in a depressed area, etc. (Trust)
21. 50.00 - William Randolph ~~Hearst~~ Foundation, New York City, to be added to the Willard G. Bleyer Memorial Fund. (Trust)

Student Aid

22. \$ 100.00 - Dr. and Mrs. Thomas A. Leonard, Middleton, Wisconsin, an additional contribution for awards to two senior students based on their excellence in the subjects of Gynecology and Obstetrics as determined by the Resident and other members of the staff. (133-2459)
23. 645.00 - Colleagues of Dr. James M. Price, given in his honor, to be added to the James M. Price Student Award in Cancer Research - Medical School. (Trust)
24. 250.00 - Osco Drug, Inc., Melrose Park, Illinois, additional support of a scholarship for Pharmacy students to be awarded at the discretion of the Dean of the School of Pharmacy. (133-2554) S
25. 100.00 - Arthur Andersen & Co., Milwaukee, Wisconsin, to continue support of a scholarship awarded to an outstanding student in the School of Business Administration or a student majoring in Accounting at the University of Wisconsin-Milwaukee. (133-4130) S
26. 500.00 - Alma G. Hall Foundation, Milwaukee, Wisconsin, to be used for scholarship purposes for a first year student at the University of Wisconsin-Milwaukee. (133-4846) S
27. 200.00 - Ernst & Ernst, Milwaukee, Wisconsin, to continue an Accountancy Grant in the School of Business Administration, UWM, in accordance with terms previously approved. (133-5748)
28. 500.00 - Ernst & Ernst, Milwaukee, Wisconsin, to continue an Accounting Scholarship in the School of Business Administration, UWM, in accordance with terms previously approved. (133-5749) S
29. -- - That the following terms be approved for the administration of the Vincent Russo, M. D., Memorial Fund accepted by the Regents on December 9, 1966:
- Principal and income shall be made available for use for an annual scholarship to a Junior Medical Student to be selected by an appropriate Medical School committee on the basis of qualities of leadership and character rather than scholarship or need. (Trust) S
30. 700.00 - Wisconsin Pesticide Conference with Industry, Madison, Wisconsin, for continued support of scholarships to be awarded to students enrolled in the College of Agriculture, in accordance with previously approved terms. (133-4185) S
31. 900.00 - Grainger Charitable Trust, Wilmette, Illinois, to be added to the Grainger Charitable Trust Scholarship - College of Engineering. (133-2441) S

Student Aid

32. \$ 500.00 - Muscular Dystrophy Associations of America, Inc., New York City, a grant made in connection with a fellowship supported directly by the donor for use by the Department of Neurology. (133-5986)
33. 400.00 - Badger Bankers Club, Milwaukee, Wisconsin, a contribution to support a scholarship, in accordance with terms approved by the Regents April 9, 1960. (133-3189) S
34. 1,000.00 - Sturtevant Stewart, Rockford, Illinois, for the support of a graduate fellowship in Fishery Biology - Department of Zoology (Graduate School). (133-2546) J
35. 500.00 - Ralston Purina Company, St. Louis, Missouri, to provide an undergraduate scholarship in the College of Agriculture for the academic year 1968-69. (133-2005) S
36. 1,250.00 - Monsanto Company, St. Louis, Missouri, for the support of a graduate student in Agronomy. (133-6239) S
37. 200.00 - University of Wisconsin Foundation, Madison, Wisconsin, representing a gift from Mrs. Vincent E. Kivlin, Madison, Wisconsin;
10.00 - Mr. and Mrs. Robert J. Sutherland, Madison, Wisconsin;
 210.00 - given in memory of the late Dean Vincent E. Kivlin, to be added to the Vincent E. Kivlin Memorial Scholarship. (Trust) S
38. 5,000.00 - Badger State Civic Fund, Inc., Milwaukee, Wisconsin, the fifth of six annual installments to support the "Richard Hartenstein Research Fellow" (Professor or Trainee) Program in accordance with terms previously approved - Department of Medicine. (133-4495) J
39. 3,800.00 - Kaiser Aluminum & Chemical Corporation, Oakland, California, to continue their fellowship for graduate study in the field of Minerals and Metals Engineering for the academic year beginning in September 1968. (133-2325) J
40. 7,781.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to finance two post-baccalaureate professional student internships to be conducted during the period February 15, 1968, to September 15, 1968 - International Studies and Programs. (E-II-49, \$3,890.50, 133-6247) (E-II-50, \$3,890.50, 133-6248)
41. 100.00 - Margaret Rupp Cooper, Madison, Wisconsin, for an award to a freshman student enrolled in the Harp Course who has performed in a satisfactory manner on the harp with the Band, Orchestra and Chorus - School of Music. (133-2320) S
42. 50.00 - Southeast Wisconsin Chapter of the American Institute of Industrial Engineers, Racine, Wisconsin, a gift to the Industrial Engineering Division for the Industrial Engineering Student Support Fund in accordance with terms previously approved. (133-5786) S

Student Aid

43. \$ 404.00 - Beta Alpha Psi, Sigma Chapter, Madison, to be added to the Beta Alpha Psi Alumni Fund, accepted by the Regents January 9, 1960. (133-3090)
44. 116,091.28 - Department of Health, Education and Welfare, Washington, D. C., for the support of loan funds for the fiscal year 1968-69:
 \$17,448.30 - Nursing Student Loan Fund
 80,642.98 - Health Professions Student Loan Program - Medicine
 18,000.00 - Health Professions Student Loan Program - Pharmacy.
 Under the terms of the funds, an amount equal to not less than 1/9th of the federal contribution shall be contributed by the University of Wisconsin. (Loan)
45. 150.00 - Clara M. Swift Trust, Edgerton, Wisconsin, to be added to the School of Pharmacy Grant and Scholarship Fund. (133-1078) S
46. 3,500.00 - General Motors Corporation, Research Laboratories, Detroit, Michigan, to continue a graduate fellowship program in the Department of Mechanical Engineering under terms previously approved. (133-894) S
47. 500.00 - Kearney & Trecker Foundation, Inc., Milwaukee, Wisconsin, additional contribution for support of music scholarships for the School of Fine Arts at the University of Wisconsin-Milwaukee in the summer of 1968. (133-2576) S
48. 200.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by Mrs. Ineva Baldwin, Madison, to be used for an award to a senior woman in the College of Letters and Science. The award at Senior Swingout this year is to be made in memory of Professor Helen White. (133-6252)
49. 350.00 - Dane County Pharmaceutical Society, Inc., Madison, Wisconsin, to be added to the School of Pharmacy Grant and Scholarship Fund. (133-1078) S
50. -- - That the following terms be approved for the administration of the Mrs. Herbert H. Brockhausen Memorial Scholarship:
 Principal and income shall be made available to undergraduate and graduate students at the discretion of the Director and the scholarship committee of the School of Journalism. (Trust) S
51. 50.00 - Mr. and Mrs. Bruno V. Bitker, Milwaukee, Wisconsin;
 25.00 - Mrs. Milton H. Rusch, Milwaukee, Wisconsin;
 25.00 - Dr. J. Martin Klotsche, Milwaukee, Wisconsin;
 5.00 - Mrs. Lorna H. Warfield, Milwaukee, Wisconsin;
 105.00 - for support of the program of the University of Wisconsin-Milwaukee Fine Arts Quartet in accordance with terms previously approved. (133-5060) S

Student Aid

52. \$712,678.00 - 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)
53. 1,000.00 - University of Wisconsin Foundation, Madison, Wisconsin, representing a gift from Carl S. Reed, Urbana, Illinois, to be added to the Wisconsin Student Aid Foundation Undergraduate Scholarship Fund. (133-498) S
54. 75.00 - Western Electric Company, New York City, for supplemental support of scholarships during 1967-68 in accordance with terms approved August 20, 1965. (133-2390) S
55. 7,100.00 - The Johnson Foundation, Racine, Wisconsin, for the support of a United Nations Seminar for University of Wisconsin-Milwaukee students during the 1968 summer. (133-5327)
56. 1,000.00 - The Northwestern Mutual Life Insurance Company, Milwaukee, Wisconsin, for the continuation of a scholarship and a graduate fellowship in the School of Business for 1967-68, in accordance with terms approved by the Regents April 10, 1954. (133-1085) S
57. 100.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift from the University of Wisconsin Alumnae Club of Southern California to be added to the Edward Schildhauer Loan Fund. (Loan)

Research

1. \$ 4,200.00 - Dairyland Food Laboratories, Inc., Waukesha, Wisconsin, for continued support of an industrial research project during the period December 1, 1967, to July 31, 1968, to study the various factors that may be responsible for a defect known as pink discoloration in Italian varieties of cheese - Department of Food Science and Industries. (133-4579)
2. 50,000.00 - The Alexander and Margaret Stewart Trust, Washington, D. C., to provide additional funds for cancer research in the McArdle Memorial Laboratory during the period January 1 through December 31, 1968. Specifically the funds shall be used for research, education, prevention and care relating to cancer. (133-456)
3. 150.00 - Thomas R. Wilson, Urbana, Illinois, given in memory of the late Dr. Leonard J. McKenzie, to be used for any purpose connected with the Department of Gynecology and Obstetrics of the Medical School, at the discretion of the department chairman, without regard to the limitations imposed by State fiscal procedures or regulations. (133-3218)
4. 200.00 - Behr Foundation, Manitowoc, Wisconsin, the final installment of a commitment of \$1,000 to be used for the purchase of books in the field of Wildlife Conservation - Department of Wildlife Ecology. (133-4525)
5. 600.00 - Olympus Corporation of America, Long Island City, New York, an additional contribution to support gastrocamera research - Department of Medicine. (133-4595)
6. 4,260.00 - University of Illinois, Urbana, Illinois, for support of the CIC Biometeorology Program - Department of Soils. (133-5211)
7. 12,431.06 - State of Wisconsin, Department of Resource Development, Madison, Wisconsin, for support of research relating to sewage effluent ponds in 1968 - Department of Civil Engineering. (133-5668, \$11,196.96; 133-4385, \$1,234.10)
8. 200.00 - Wisconsin Arts Foundation and Council, Milwaukee, Wisconsin, to support a project entitled "Survey of Dance Education in the State of Wisconsin" to be conducted by the Dance Department of the University of Wisconsin-Milwaukee. (133-6215)
9. 6,133.50 - University of Wisconsin Foundation, Madison, Wisconsin, for the support of research in the area of industrial purchasing - Graduate School of Business. (133-6218)
10. 10,000.00 - Wilkie Brothers Foundation, Des Plaines, Illinois, for the support of research in the Department of Wildlife Ecology during the period February 1, 1968, through January 31, 1969, to investigate the ecology of certain wildlife species in order to develop efficient management programs. (133-6219)
11. 250.00 - The American Potash Institute, Inc., St. Paul, Minnesota, to be used in the Soils Department to develop a model soils literature retrieval system. (133-6226)

Research

12. \$ 3,000.00 - The Upjohn Company, Kalamazoo, Michigan, for the support of research in the Medical School entitled "Studies on International and Epidemiological Problems in Mental Retardation". (133-6222)
13. 2,500.00 - Wisconsin State Department of Agriculture, Madison, Wisconsin, for the support of research in the Department of Horticulture during the period May 15, 1968, to December 31, 1970, involving the leaf analysis of cherries grown in Wisconsin. (133-6224)
14. 25,000.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware, to renew grants-in-aid for fundamental research during 1968-69 under terms previously approved, as follows:
- \$15,000 - Chemistry (133-878)
 - 5,000 - Chemical Engineering (133-2810)
 - 5,000 - Minerals and Metals Engineering (133-5711)
15. 5,500.00 - American Foundrymen's Society Training & Research Institute, Des Plaines, Illinois, for the support of research in the Department of Minerals and Metals Engineering during the period January 1, 1968, through December 31, 1968, on "Oxygen content and its effects on solidification of cast irons". (133-6220, \$5,000; 133-4385, \$500)
16. 4,075.88 - University of Wisconsin Foundation, Madison, Wisconsin, representing a contribution of \$1,023.87 from Mr. and Mrs. Walter Frautschi, Madison, Wisconsin, and an anonymous contribution of \$3,052.01, to be used in the Department of Gynecology and Obstetrics for the purchase of equipment to record fetal electrocardiograms and heart rates as well as such additional equipment as will complement this unit. (133-6231)
17. 15,000.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware, for the support of a du Pont Young Faculty Grant during 1968. The grant shall be used for the support of one or more faculty members with the limitation that the individuals receiving support be not more than five years beyond their Ph.D. degree - Department of Chemical Engineering. (133-6237)
18. 15,345.00 - Racine Health Fund, Inc., Racine, Wisconsin, for the support of research in the Department of Gynecology and Obstetrics during a one-year period entitled "Sex determination and sex differentiation". (133-6234)
19. 7,500.00 - Eli Lilly and Company, Indianapolis, Indiana, for the support of research on peptide antibiotics in the School of Pharmacy during a two-year period beginning February 1, 1968. (133-6233)
20. 2,000.00 - E. R. Squibb & Sons, New Brunswick, New Jersey, to continue a research project in the Department of Biochemistry. (133-129)

Research

21. \$ 875.00 - Harold Halverson, Beloit, Wisconsin, given in memory of the late Helen Halverson, for support of research conducted by Dr. Manucher Javid - Division of Neurosurgery - Medical School. (133-3254)
22. 400.00 - Diamond Alkali Company, Cleveland, Ohio, for the support of research in the Department of Plant Pathology during the period January 1, 1968, to December 31, 1968, having for its purpose the investigation of tetrachloroisophthalonitrile as a control chemical for various Fusaria species. (133-6240)
23. 232.00 - Family of the late William F. Frederick, Madison, Wisconsin, given in his memory, for the support of cancer research in the Ear, Nose and Throat Department of the Medical Center. (133-6241)
24. 16,675.00 - Alfred P. Sloan Foundation, New York City, for two research fellowships in Chemistry for the period September 16, 1968, through September 15, 1969. (133-6244, \$8,050; 133-6245, \$8,625)
25. 165.00 - Dr. Henry A. Romberg, Oshkosh, Wisconsin, for the support of research in the Department of Physiology. (133-6242)
26. 1,114.00 - Portage United Fund, Portage, Wisconsin, for the support of the following projects:
 \$371.33 - Heart research (133-3832)
 371.33 - Cancer research (133-3651)
 371.34 - Respiratory and Rehabilitation Center in the treatment of polio, and for kidney research (133-4899)
27. 100.00 - University of Wisconsin Foundation, Madison, Wisconsin, an additional contribution from Mrs. Dorothy Weinstein, Scarsdale, New York, in support of the Euretta Mary Kimball Davis Professorship in Neurosurgery in accordance with terms approved by the Regents on January 10, 1964 - Department of Surgery. (133-4480)
28. 5,500.00 - The Dow Chemical Company, Midland, Michigan, unrestricted grants for use by the following departments during 1968-69:
 \$2,000 - Chemical Engineering (133-3852)
 3,000 - Chemistry (133-5295)
 500 - Mechanical Engineering (133-5294)
29. 7,500.00 - Milwaukee Foundation-Greenwald Fund, Milwaukee, Wisconsin, for the support of the Family-School Demonstration Project conducted by University Extension, and to be disbursed without regard to State regulations. (133-5730)
30. 55,000.00 - American Cancer Society, Inc., New York City, for the support of an institutional research grant for cancer research during the period March 1, 1968, through February 28, 1969. (IN-351) (133-6246)

Research

31. \$ 557.65 - Mineral Point Community Chest, Mineral Point, Wisconsin;
 100.00 - New Holstein Community Chest, New Holstein, Wisconsin;
125.00 - Wisconsin Dells United Fund, Inc., Wisconsin Dells, Wis.;
 782.65 - for general medical research - Medical School. (133-4152)
32. 200.00 - Mrs. Edith Brockman, Brodhead, Wisconsin, for the support of hematology research in the Department of Medicine. (133-4293)
33. 1,000.00 - Patrick and Anna M. Cudahy Fund, Milwaukee, Wisconsin, for the support of a research project in mediation techniques in the Law School. (133-5949)
34. 700.00 - FMC Corporation, Middleport, New York, for the support of research on pesticide residues in dairy cattle - Department of Dairy Science. (133-6250)
35. 800.00 - Dr. Mayfield Laboratories, Inc., Charles City, Iowa, for the support of research in the Department of Veterinary Science to test the efficacy of cobalt arsanilate as an anthelmintic in lambs. (133-6249)
36. 10,000.00 - University of Wisconsin Trust, Estate of Thomas E. Brittingham, to be used in support of oceanography research in the Graduate School. (133-4957)
37. 10,760.00 - CIDA, Washington, D. C., for the support of a cooperative study of the Bolivian Land Reform to be conducted by the Land Tenure Center during the period July 1, 1967, through June 30, 1968. (133-5275)
38. 300.00 - Mr. and Mrs. Richard V. Allen, Appleton, Wisconsin, given in recognition of the work of Dr. Patricia Joo, Dr. L. Gilbert Thatcher and other pediatric staff members;
 36.00 - Friends of the late James Blum, Madison, Wisconsin, given in his memory;
336.00 - to support leukemia research in the Department of Pediatrics. (133-3535)
39. 1,000.00 - Mrs. Elizabeth A. McKenzie, Champaign, Illinois;
 25.00 - Mr. and Mrs. Clarence H. Walton, Urbana, Illinois;
25.00 - Mr. and Mrs. Arthur F. Hagner, Champaign, Illinois;
 1,050.00 - given in memory of the late Dr. Leonard J. McKenzie, to be used for any purpose connected with the Department of Gynecology and Obstetrics of the Medical School, at the discretion of the department chairman, without regard to the limitations imposed by state fiscal procedures or regulations. (133-3218)
40. 140.00 - Family of the late Mrs. Sylvia Sax, given in her memory;
 2.00 - Mrs. Gallus Schober, Milwaukee, Wisconsin, given in memory of the late Mrs. Elaine Schober;
 10.00 - W. F. Brinker, Calgary, Alberta, given in memory of the late Paul F. Tiddens, Wild Rose, Wisconsin;
 25.00 - Harry D. Allen, Madison, Wisconsin, given in memory of the late Lilla A. Haas; to support research in the cause and
177.00 - cure of cancer - Division of Clinical Oncology. (133-1038)

Research

41. \$ -- - Harvey J. Ridings, Baileys Harbor, Wisconsin, a gift of securities having a value of approximately \$2,555;
 300.00 - Norris S. Stoltze, Santa Barbara, California;
 350.00 - United Funds of Marion, Wisconsin;
 50.00 - W. Lee Hansen, Madison, Wisconsin, given in memory of the late Mrs. Francis J. Nagle, Madison;
 25.00 - Mr. and Mrs. Willard S. Dakin, Greenbrae, California, given in memory of the late Melvin Veeder;
725.00 - to support research in the cause and cure of cancer - McArdle Memorial Laboratory. (133-327)
42. 1,000.00 - United Fund of Dunn County, Inc., Menomonie, Wisconsin;
 300.00 - United Fund of the Prescott Area, Prescott, Wisconsin;
 475.00 - United Fund of Sheboygan Falls, Wisconsin;
 100.00 - Mr. and Mrs. Norman Lutz, Kenosha, Wisconsin;
10.00 - Joseph E. Richardson, Sheboygan Falls, Wisconsin;
 1,885.00 - to be used for cancer research in the Medical School. (133-3651)
43. 9,400.00 - State of Minnesota, St. Paul, Minnesota, for the support of a research study to estimate rehabilitation need - Department of Counseling and Behavioral Studies, Regional Rehabilitation Research Institute, School of Education. (133-6078)
44. 2,100.00 - University of Wisconsin Foundation, Madison, Wisconsin, representing a contribution of \$2,000 from the Hamilton Roddis Foundation, Marshfield, Wisconsin, and \$100 from Mr. and Mrs. Gordon R. Connor, Wausau, Wisconsin, for multiple sclerosis research in the Medical School. (133-6133)
45. 5,493.00 - Wilkie Brothers Foundation, Des Plaines, Illinois, for the support of research in the Department of Zoology relating to an analysis of communication signals in the Japanese monkey with special emphasis on individually learned signals and the cultural transmission of these within troops. (133-6251)
46. 17,482.30 - Walter E. Meyer Research Institute of Law, New York City, for the support of research in the Departments of Sociology and Political Science during the period February 1, 1968, through September 30, 1969, entitled "The U. S. Supreme Court as an Instrument of Social Change: Community Reactions to Decisions on School Prayers". (133-6253)
47. 1,000.00 - Hershey Chocolate Corporation, Hershey, Pennsylvania, for support of the Food Research Institute in the College of Agricultural and Life Sciences. (133-5328)
48. 300.00 - Diamond Alkali Company, Cleveland, Ohio, for the support of research in the Department of Horticulture, April 1, 1968 - March 31, 1969, to evaluate soil incorporation of Dacthal for weed control in strawberry plantings. (133-5796)

Research

49. \$ 15,000.00 - American Petroleum Institute, New York City, for the support of research in the Department of Civil Engineering during the period February 1, 1968, through January 31, 1969, entitled "The Relation of Turbulence to Oil-Water Separation" (133-5755, \$13,908; 133-4385, \$1,092)
50. 125.00 - University of Wisconsin Foundation, Madison, Wisconsin, representing contributions from members of Rainbo Lodge, Inc. for continuation of an investigation of high-level bass-trout competition in Dadek Lake, Vilas County, Wisconsin - Department of Zoology. (133-2031)
51. 200.00 - University of Wisconsin Foundation, Madison, Wisconsin, for the support of research in the School of Business. (133-6187)
52. 1,500.00 - American Dry Milk Institute, Inc., Chicago, Illinois, for support of the Food Research Institute in the College of Agricultural and Life Sciences. (133-5328)
53. 150.00 - Evanston Hospital, Evanston, Illinois, for the support of staphylococcal toxin research in the Food Research Institute of the College of Agricultural and Life Sciences. (133-5654)
54. 3,000.00 - The Falk Corporation, Milwaukee, Wisconsin, for continued support of research on the dynamic load factor in helical gears using statistical modeling techniques - Mechanical Design Laboratories of the Department of Mechanical Engineering. (133-4903)
55. 6,000.00 - Land O'Lakes Creameries, Inc., Minneapolis, Minnesota, for support of a research project for the development of processing procedures for commercial type instant dry milks, during the period January 1 through December 31, 1968 - Department of Food Science and Industries. (133-1126)

Research

56. Department of Agriculture, Agricultural Research Service, Washington, D. C., revises certain provisions of the cooperative agreement in support of "Investigational Work in Connection with Soil and Water Research" - Department of Soils and Agricultural Engineering Agreement 12-14-100-2455(41), Amendment 5 (144-3044)
57. Department of Agriculture, Economic Research Service, Washington, D. C., termination date of grant in support of "A Statistical Analysis of Agricultural Output in Brazil" extended from January 31, 1968 to April 30, 1968 - Department of Agricultural Economics Contract 12-17-07-1-363 (144-7653)
58. \$ 62,025.00 - U. S. Air Force Office of Scientific Research, Arlington, Virginia, in support of research entitled "Association of Vertebrate Pathogens with Ecological Perturbation of Tropical Forests" for the period December 1, 1967 through June 30, 1969 - Department of Veterinary Science Grant AFOSR-68-1455 (144-8469)
59. 1,315,000.00 - U. S. Army Research Office, Durham, North Carolina, in continued support of the Mathematics Research Center for the period July 1, 1968 through June 30, 1969. Total allotment for the period July 1, 1966 through June 30, 1973 is \$3,875,000 - Mathematics Research Center Contract DA-31-124-ARO-D-462, Modification 3 (144-6750)
60. 60,000.00 - Atomic Energy Commission, Argonne, Illinois in continued support of research entitled "Low Temperature Physics" for the period September 15, 1967 through September 14, 1968 - Department of Physics Contract AT(11-1)-1098, Modification 6 (144-8236)
61. Cook Electric Company, Tech-Center Division, Morton Grove, Illinois (subcontractor under prime contract with National Aeronautics and Space Administration) allots \$50,000 for additional services related to the Wisconsin OAO Experiment Package. Total estimated cost of the subcontract is \$2,742,509 excluding fixed fee - Space Astronomy Laboratory Modification No. 30 to Subcontract 1 under Prime Contract NAS5-1348 (144-3634)
62. National Aeronautics and Space Administration, Washington, D. C., termination date of contract in support of research entitled "Meteorological Satellite Data Processing" extended from October 31, 1967 to December 31, 1967 - Department of Meteorology and Electrical Engineering Contract NASw-65, Modification 15 (144-3469 and 144-3470)

Research

63. National Science Foundation, Washington, D. C., in support of the following research programs:
- 1) Termination date of grant in support of research entitled "Determinants of the Structure of International Trade" extended from September 1, 1968 to September 1, 1969 - Department of Economics (GS-1272) (144-7058)
 - 2) \$ 54,000.00 - "Dimensional Changes of High-Rise Reinforced Concrete Building Structures" for a period of approximately two (2) years, effective September 15, 1967 - Department of Civil Engineering (GK-1996) (144-8418)
 - 3) 35,600.00 - "Research in Antarctic Meteorology" for a period of approximately one (1) year, effective January 1, 1968 - Department of Meteorology (GA-1251) (144-8432)
 - 4) 50,000.00 - "Comparative Biochemistry of Urea Biosynthesis and Related Systems" for a period of approximately two (2) years, effective November 1, 1967 - Department of Physiological Chemistry (GB-7105) (144-8474)
 - 5) 60,700.00 - "Collaborative Research on Compensatory Responses in Interaction" for a period of approximately nineteen (19) months, effective February 1, 1968 - Department of Sociology (GS-1897) (144-8480)
 - 6) 109,300.00 - "Chemistry and Biogenesis of Insect Pheromones: Studies in Pyralid Moths" for a period of approximately two (2) years, effective January 1, 1968 - Department of Zoology (GB-7175) (144-8483)
 - 7) 75,000.00 - "Specificity of Interaction Between Multiple tRNAs and the Ribosome" for a period of approximately two (2) years, effective December 1, 1967 - Department of Pharmacology (GB-7145) (144-8485)
 - 8) 254,900.00 - "Microwave Troposcatter Probing of the Atmosphere" for a period of approximately two (2) years, effective October 1, 1967 - Departments of Electrical Engineering and Meteorology (GA-1291) (144-8487)
 - 9) 14,200.00 - "Investigations on the Host Response of Immune Chickens to Reinfection with Eimeria Tenella" for a period of approximately two (2) years, effective December 1, 1967 - Department of Botany and Zoology, Waukesha County Center (GB-7210) (144-8494)

Research

63. (contd) National Science Foundation (continued)
- 10) \$ 27,300.00 - "Comparative Mineral Nutrition of Plants" for a period of approximately one (1) year, effective January 1, 1968 - Department of Horticulture \$10,655 (144-8497) Department of Botany \$16,645 (144-8498) (GB-7251)
- 11) 11,000.00 - "Optics in the Middle Ages" for a period of approximately two (2) years, effective December 15, 1967 - Department of History of Science (GS-1913) (144-8499)
64. Department of the Navy, Office of Naval Research, Washington, D. C., gives the University title to certain items of equipment used under Contract Nonr-1202(14), effective September 19, 1967 - Basic Agreement Nonr-1202(00), Modification 30 (No fund number)
65. Public Health Service, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, in support of the following research programs:
- 1) 1,855.00 - Additional support for research entitled "Coalescence of Drops in a Gaseous Medium" for a period June 1, 1967 through May 31, 1968 - Department of Chemical Engineering (AP-00421-03S1) (144-7845)
- 2) 53,617.00 - "California Encephalitis Virus in Wisconsin" for the period January 1, 1968 through December 31, 1968 - Department of Preventive Medicine (CC-00203-02) (144-8446)
- 3) 22,741.00 - "Microbial Degradation of Pesticides" for the period January 1, 1968 through December 31, 1968 - Department of Entomology (CC 00268-03) (144-8447)
- 4) 14,274.00 - "Denaturation of Lipo-proteins in Egg Yolk" for the period February 1, 1968 through January 31, 1969 - Department of Food Science and Industries (UI 00136-05) (144-8486)
66. Public Health Service, National Institute of Mental Health, Bethesda, Maryland, in support of the following research programs:
- 1) 5,400.00 - "Study of Manifest Anxiety" for the period September 1, 1967 through August 31, 1968 - Department of Medicine (5-T1-MH-11259-04) (144-8123)

Research

66. (contd)

Public Health Service, (continued)

- 2) (3,525.00) - Adjustment due to correction of overhead rate applicable to grant in support of research entitled "Teaching Coping Effectiveness" for the period September 1, 1967 through August 31, 1968 - Department of Sociology (MH 14835-02) (144-8172)
- 3) 12,327.00 - "Analysis of Changes in Spatial Units" for the period September 1, 1967 through August 31, 1968 - Department of Geography, The University of Wisconsin - Milwaukee (MH 14012-01) (144-8210)

67.

Public Health Service, National Institutes of Health, Bethesda, Maryland, in support of the following:

- 1) 1,500.00 - Additional support for research entitled "Snowshoe Hare as Reservoir of Infectious Diseases" for the period April 1, 1967 through March 31, 1968 - Department of Veterinary Science (AI 04725-06) (144-7616)
- 2) 1,108.00 - Adjust funding of grant in support of research entitled "Habituation of the Newborn Heart Rate Response" for the period June 1, 1967 through May 31, 1968 - Department of Pediatrics (HD 01490-02S1) (144-7831)
- 3) 3,420.00 - Additional support for research entitled "Immunity in Experimental Airborne Tuberculosis" for the period December 1, 1967 through November 30, 1968 - Department of Medical Microbiology (AI 00646-14, Revised) (144-8379)
- 4) 52,259.00 - "Control of Brain Membrane Activity by Neurohumors" for the period January 1, 1968 through December 31, 1968 - Department of Psychiatry (NB 06745-02) (144-8441)
- 5) 15,120.00 - A Research Career Development Award in connection with research entitled "Chromosomal and Nucleolar Function in Development" for the period January 1, 1968 through December 31, 1968 - Department of Anatomy (1 K3 GM 19054-01) (144-8448)
- 6) 15,660.00 - Research Career Development Award in connection with research entitled "Regulation of Amino Acid Metabolism" for the period January 1, 1968 through December 31, 1968 - Department of Pharmacology (1 K3 GM 13872-01) (144-8449)

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

2-16-68

Research

67. (contd) Public Health Service, National Institutes of Health
(continued)
- 7) 63,313.00 - "Structure and Replication of DNA" for the period
January 1, 1968 through December 31, 1968 - Biophysics
Laboratory (GM 14711-02) (144-8456)
- 8) 28,632.00 - "Genetic Studies with Cultivated Mammalian Cells" for
the period January 1, 1968 through December 31, 1968 -
Department of Medical Genetics
(GM 06983-09) (144-8459)
- 9) 26,683.00 - "Control of RNA Synthesis in Animal Cells" for the
period February 1, 1968 through January 31, 1969 -
Department of Surgery (CA 08959-02) (144-8514)
68. Air Force Office of Scientific Research, Arlington,
Virginia, termination date of grant in support of "Novel
Organometallic Compounds" extended from January 31, 1968
to February 29, 1968 - Department of Chemistry
Grant AF-AFOSR-1061-66, Amendment A (144-6508)
69. U. S. Army Tank - Automotive Command, Warren, Michigan,
termination date of contract in support of "Engine Cycle
Analysis on a Digital Computer" extended from December 31,
1967 to February 29, 1968 - Department of Mechanical
Engineering Contract DA-11-022-AMC-1385 (T), Modifica-
tion 8 (144-5409)
70. 27,000.00 - National Science Foundation, Washington, D. C., in support
of research entitled "Organization of Hypothalamic Cell
Groups and Areas" for a period of approximately two (2)
years, effective January 1, 1968 - Laboratory of Neuro-
physiology Grant GB-7213 (144-8522)
71. Public Health Service, National Institutes of Health,
Bethesda, Maryland, in support of the following programs:
- 1) 28,728.00 - "Regulation of Prothrombin Synthesis by Vitamin K" for
the period January 1, 1968 through December 31, 1968 -
Department of Biochemistry Grant AM 09305-04 (144-8467)
- 2) 46,378.00 - "Studies on the Mechanism of Action of Vitamin D" for the
period January 1, 1968 through December 31, 1968 -
Department of Biochemistry Grant AM 05800-07 (144-8473)
- 3) 43,650.00 - "Reactions of Biochemical Interest" for the period
February 1, 1968 through January 31, 1969 - Department of
Chemistry Grant AM 08064-05 (144-8528)

Libraries

1. \$ 200.00 - Dr. Maurice L. Richardson, East Lansing, Michigan, an additional contribution to be used for further purchases of old medical books for use in the Medical School Library. (133-390)
2. 100.00 - Dr. George A. Fiedler, New York City, to be added to the Friends of the Medical Library Fund. (133-5690)
3. 15,000.00 - Samuel H. Kress Foundation, New York City, a grant to be used for the library of the Department of Art History for the purchase of books. (133-5237)
4. 7.00 - Anonymous donor, to be added to the Friends of the University Library Fund. (133-822)

Physical Plant

1. (\$ 5,953.00)- National Aeronautics and Space Administration, Washington, D. C., reduction (from \$1,700,000 to \$1,694,047) in grant made to defray a portion of expenses incurred in construction of research laboratory facilities housing the Space Science and Engineering Center. (NsG(F)-34) (144-7347)
2. 200.00 - Mr. and Mrs. Irvin Powers, Milwaukee, Wisconsin, a gift to be used at the discretion of the Chancellor on some building project at the University of Wisconsin-Milwaukee. (133-5494)
3. 5,000.00 - Portage County, Stevens Point, Wisconsin, 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)

Miscellaneous

1. \$ 100.00 - Dr. Robert T. ~~Capps~~, Portland, Oregon, an additional contribution to the O. Sidney ~~Orth~~ Memorial Trust Fund (for Memorial Room), as approved by the Regents on April 9, 1965. (Trust)
2. 130.94 - ~~Friends~~ of the Arboretum, to be used for the benefit of the Arboretum as determined by the Arboretum Committee. (Trust)
3. 1,500.00 - Professor Lloyd Kasten, Madison, Wisconsin, a contribution to be added to the fund accepted by the Regents on January 8, 1955, to aid in the publication of studies and books prepared at the University of Wisconsin Seminary of ~~Medieval~~ Spanish Studies. (133-650)
4. 183,397.22 - Members of the Consultation Practice ~~Plan~~ of the Medical School, Madison, Wisconsin, an additional contribution to the Consultation Practice Plan Special Fund accepted by the Regents on March 10, 1961, for the purpose of furthering the research and educational potentialities of the Medical Center and its staff. Expenditures will be made with the approval of appropriate Medical School officials, namely, the elected committee of four members and the Dean of the Medical School, without regard to the limitations imposed by state fiscal procedures or regulations. \$173,397.22 will be deposited in a trust fund, with both principal and income to be available for expenditure for the above purpose. (133-3566, \$10,000; Trust, \$173,397.22)
5. 250.00 - Dr. George G. ~~Rowe~~, Madison, Wisconsin, an additional contribution to an unrestricted fund to be used at the discretion of the Chairman of the Department of Medicine without regard to the limitations imposed by state fiscal or purchasing procedures or regulations. (133-4868)
6. 1,893.60 - ~~University Surgical Associates~~, Madison, Wisconsin;
500.00 - John H. ~~Bartlett, Jr.~~, Oshkosh, Wisconsin, given in memory of Mrs. Kathryn Bartlett;
2,393.60 - to be added to an unrestricted fund in the Division of Clinical Oncology to be used for any purpose at the discretion of the Director without regard to the limitations imposed by State purchasing or fiscal procedures or regulations. (133-4897)
7. 1,893.60 - ~~University Surgical Associates~~, Madison, Wisconsin, to be added to an unrestricted fund in the Department of Surgery to be used at the discretion of the Chairman without regard to the limitations imposed by State fiscal or purchasing procedures and regulations. (133-4898)
8. 7,500.00 - ~~Affiliated University Physicians~~, Madison, Wisconsin, an additional contribution to support the operation of the Office of Affiliated University Physicians. (133-5609)
9. 3,179.55 - Cornelius L. and Florence G. ~~McMullen~~ Trust, to be used to purchase scientific instruments by the Department of Mechanical Engineering in connection with internal combustion engine ~~research~~. (133-6185)

Miscellaneous

10. \$ 1,063.55 - University Radiotherapy Associates, Madison, Wisconsin, to be used for any purpose connected with the programs of the Radiotherapy section of the Department of Radiology without regard to the limitations imposed by state fiscal and purchasing procedures or regulations. (133-6225)
11. 450.00 - American Cancer Society, Inc., New York City, to defray expenses incurred by Professor Charles Heidelberger in participating in the symposium on physiochemical mechanisms of carcinogenesis at Hebrew University in Jerusalem. (R-39) (133-6230)
12. 500.00 - American Council of Learned Societies, New York City, a grant to be used in the Graduate School (Department of Geography) for expenses incurred in connection with a Visiting Scholar supported directly by the donor. (133-6098)
13. 15.00 - Dr. F. C. Stiles, Monroe, Wisconsin, to be used by WHA-TV for the support of public broadcasting. (133-4886)
14. 500.00 - United Cerebral Palsy Research and Educational Foundation, Inc., New York City, a supply grant awarded in connection with a post-doctoral research fellowship supported directly by the donor, during the period February 1, 1968, through January 31, 1969. (PF-25-67) (133-5709)
15. 10,000.00 - Shell Companies Foundation, New York City, for the support of the "Shell Aids" during 1968-69 in the following departments; the funds will be used to increase strength in the department or area:
\$5,000 - Department of Chemical Engineering (133-368)
\$5,000 - Department of Chemistry (133-478)
16. 250.00 - W. A. Benjamin, Inc., New York City, an unrestricted gift to be used by the Department of Chemistry. (133-5703)
17. 100.00 - Mrs. Audrea Coddington Kreve, Dayton, Ohio, to be used for a project in electroforming in the Department of Art - School of Education. (133-6238)
18. 15,000.00 - National Cystic Fibrosis Research Foundation, New York City, for continued support of the Cystic Fibrosis Care, Research, and Teaching Center in the Medical School during the period July 1, 1968, through June 30, 1969. (133-5776)
19. 3,500.00 - Beckman Instruments, Inc., Palo Alto, California, to defray expenses incurred in connection with a conference to be held February 7 and 8, 1968, on "Modern Separation Methods of Macromolecules and Particles" and any other purpose connected with the postgraduate medical education program without regard to the limitations imposed by State fiscal and purchasing procedures and regulations - Medical School. (133-6243)
20. 100.00 - Chase Manhattan Bank Foundation, New York City, matching a gift from Dr. Maryloo Spooner, to be added to an unrestricted fund for the Medical School. (133-5671)

Miscellaneous

21. \$ 6,057.27 - Members of the Consultation Practice Plan, Medical School, to be added to the Consultation Practice Plan Special Fund accepted by the Regents March 10, 1961. (133-3566)
22. 325.00 - William L. and Arthur L. Liebman, Milwaukee, Wisconsin, to defray the expenses of the Antique Forum given by the Department of Art History of the University of Wisconsin-Milwaukee. (133-5767)
23. 100.00 - Neenah Foundry Foundation, Inc., Neenah, Wisconsin, a contribution to be added to the Katherine Keating Fund to be used in behalf of the children in the Orthopedic Hospital. (133-206)
24. 3,500.00 - The American Political Science Association, Washington, D. C., a gift to support the activities of the Department of Political Science - University of Wisconsin-Milwaukee. (133-6254)

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

2-16-68

Miscellaneous

25. \$ 230,974.00 - Agency for International Development, Washington, D. C., for continued General Backstopping and Administrative support for Task Order Services under the Basic Agreement for the period December 1, 1967 through September 15, 1968, with a \$36,635 increase in the specific allocation to the Board for International Cooperative Training, Inc. Total estimated cost for the period April 16, 1967 through September 15, 1968 is \$423,435 - University Extension, International Cooperative Training Center. Amendment No. 2 to Task Order 1 under Basic Agreement AID/csd-1506 (144-7700)
26. 5,197.20 - U. S. Armed Forces Institute, Madison, Wisconsin, in payment for 2000 copies of Study Guide E176.1, Geometry I - University Extension Contract DAHC11-68-C-0121 (No fund number)
27. 3,556.70 - North Carolina State University, Raleigh, North Carolina (prime contractor with Agency for International Development) support for Technical services provided to North Carolina State University in connection with an AID program in Peru for the period January 1, 1968 through February 29, 1968 - Department of Plant Pathology (144-8460)
28. 2,500.00 - Great Lakes Inter-Tribal Council, Bowler, Wisconsin (Prime grantee with the Office of Economic Opportunity) support for Services of one Indian Education Area Agent to develop an Educational Program for the Indian families who have or will be moving into new housing for the period December 1, 1967 through April 30, 1968 - Department of Home Economics, University Extension Agreement No. 1 under OEO Grant CG 8078 B11 (144-8392)
29. 10,695.00 - State of Wisconsin, Department of Administration, Madison, Wisconsin, (Prime contractor with the Upper Great Lakes Regional Commission and the Department of Commerce, reimbursement for salary of and support of the office of an Administrative Specialist to serve as Project Director for Wisconsin in behalf of the Upper Great Lakes Regional Commission for the period February 1, 1968 through June 30, 1968 - Agreement No. 1 under Upper Great Lakes Regional Commission contract dated August 28, 1967 (144-8387) University Extension - Chancellor's Office

Gifts-in-Kind

1. Gifts to the Library of the Parkside Campus:
Professor Merle Curti, Madison, Wisconsin - books evaluated by the Chancellor at approximately \$334
Richard Leekley, Winthrop Harbor, Illinois - books evaluated by the donor at \$100.
2. Professor Robert F. Roeming, Milwaukee, Wisconsin, a gift of books to the University of Wisconsin-Milwaukee Library evaluated by the donor at \$75.45.
3. Frank Radford, Oshkosh, Wisconsin, a gift of 294 volumes of poultry science literature to the Department of Poultry Science. The material has been evaluated at approximately \$4,600.
4. Ward Jackson, New York City, a gift to the Elvehjem Art Center of his painting, Tides. The painting has been evaluated by the donor at \$300.
5. Victor R. Archie, Madison, Wisconsin, a gift to the Memorial Library of 27 volumes (literary history, art, music and atlases). The material has been evaluated by the Director of the Library at \$135.
6. Robert Neil, Mineral Point, Wisconsin, a gift to the School of Music of 88 single 78 rpm records valued at approximately \$220 and 56 albums valued at approximately \$336.
7. Storer Corporation and WITI-TV, Milwaukee, Wisconsin, a gift to the University of Wisconsin-Milwaukee of television equipment to be used in their closed circuit television operations.
8. Walter M. Mirisch, Los Angeles, California, a gift of press-books, advertising materials, production stills, costume and set designs for motion pictures, to be shelved in the manuscript division of the State Historical Society. The material has been independently appraised at \$7,265.

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

16 February 1968

	Items Processed 1/3/68 through 2/5/68 to be <u>Accepted 2/12/68</u>	Items Processed 12/31/66 through 1/30/67 <u>Accepted 2/10/67</u>
Unrestricted	\$ 892.50	\$ 871.00
Instruction	630,241.00	223,435.00
Student Aid	893,318.33	1,125,523.41
Research	2,935,037.39	3,549,466.91
Libraries	15,307.00	415.00
Physical Plant	753.00 CR.	2,264,183.00
Miscellaneous	494,728.63	1,252,155.96
Gifts-in-Kind	<u>13,365.45</u>	<u>15,815.00</u>
Totals - February	\$ 4,982,137.30 ⁽¹⁾	\$ 8,431,865.28 ⁽²⁾
Previously Reported	<u>\$47,124,759.05</u>	<u>\$37,627,970.38</u>
GRAND TOTALS	\$52,106,896.35	\$46,059,835.66

(1) Includes \$4,265,356.18 from Federal Agencies

(2) Included \$7,491,798.50 from Federal Agencies.

ADDITIONAL GIFT

Student Aid

\$280,000.00 - The Danforth Foundation, St. Louis, Missouri, for the establishment of a graduate program for students from disadvantaged backgrounds. The grant will support at least forty students pursuing two-year programs leading to a Master's degree, students to be selected by the Graduate School - Madison. The program will begin in the academic year 1968-69, continuing through 1972-73. (133-6276)

UWP #1-68
Planning Report #1

THE UNIVERSITY OF WISCONSIN, PARKSIDE CAMPUS

Academic Program Planning Report #1

February 1, 1968

(This Planning Report is the initial refinement of the Preliminary Academic Plan for UWP dated 2-21-67. It was presented as an informational item at the January 12, 1968 Board of Regents' meeting and is now being presented for formal Regent endorsement.)

EXHIBIT A

February 1, 1968. UWP

ACADEMIC PROGRAM PLANNING REPORT #1

The planning timetable for the Parkside Campus assumes that approved majors will be ready for the scheduled opening in September, 1969. By that date, but not before, suitable upper division facilities will be available, as will newly-recruited upper division faculty.

Administratively, 1968-69 will be a transitional year in which the Racine and Kenosha Centers will be integrated into the Parkside complex. Course offerings at Racine and Kenosha will not undergo radical transformation, and at least for the transitional year will continue the inherited course pattern. For faculty and students this will ease the problems normally associated with institutional change. Efforts are now under way to open up for qualified Center faculty new opportunities for service in upper division instruction as soon as suitable facilities are available. But planning has not proceeded in terms of full implementation of majors as early as September, 1968.

The 1969 target date allows time for the careful planning of majors, and for the appropriate involvement of faculty, administration, Regents, CCHE staff, and other interested parties. Approval of majors should precede the publication of the first catalogue in mid-winter, 1968-69. Program proposals will be submitted to the Regents and the CCHE as they are perfected in the months ahead. Some proposals should be ready for presentation to the Regents in February and to the CCHE in March. All majors intended for implementation in the fall of 1969 will be submitted by August, 1968. Before submitting programs that have a special relation to southeastern Wisconsin (technology, labor relations, business, teacher training) it will be desirable further to involve representative community leaders in discussions of program options. The work-study features of some programs will also require community involvement to determine feasibility. To assure proper scheduling and a steady flow of planning documents and back-up information, Parkside and central administration representatives will meet at least once a month, more often as required, with CCHE staff. Two such meetings have already been held.

Planning has proceeded on the basis of the Preliminary Academic Plan submitted to the CCHE in March, 1967, and is responsive to CCHE papers dealing with liberal arts and technological offerings at Parkside. It has also taken into account the responsibility of the Parkside Campus, as a unit of the University of Wisconsin, to extend the general missions and intellectual resources of the University to the people of southeastern Wisconsin.

The Preliminary Academic Plan called for a simple organizational structure that would emphasize the unity and inter-relatedness of knowledge: a College of Science and Society, to house the basic academic disciplines, and a School of Modern Industry, to stress applications. Through joint appointments, shared requirements, double-listed offerings, and similar devices the two units would be linked. Within each unit, to avoid disciplinary isolation and organizational proliferation, the plan called for a divisional rather than a departmental structure. It specified four divisions within the College of Science and Society: (1) Science (2) Social Science (3) Humanistic Studies (4) Education. It also suggested three divisions within the School of Modern Industry: (1) Engineering Science (2) Management Science (3) Labor Economics. For several months faculty planning committees, working within this framework, have been developing proposals for majors suitable to each unit and division. These proposals are being screened through a general faculty review committee before being passed on for administrative consideration.

Faculty and administration involved in the planning process were asked to pay special attention to a number of fundamental questions. What are the known major preferences of students now enrolled and recently enrolled at the Racine and Kenosha Centers? How well do these preferences conform to general University of Wisconsin and national enrollment patterns? During the early stages of development, when enrollments and staff will be limited, how can available course offerings be designed to meet the requirements of the greatest number of majors? Which subjects fit easily into interdisciplinary majors, which ones require specialized presentation? Assuming that not all desirable majors can be offered in the fall of 1969, what should the priority and phasing schedule be? How can standard and familiar course offerings (easily recognized for transfer purposes) be combined in new, innovating majors? How can Parkside programs give the institution a special regional identity and service role within the University of Wisconsin system? The answers to these and other fundamental questions led to the identification of key majors, and to a suggested time schedule for their implementation.

The proposals that follow have several distinctive features. They allow for phasing, so the entire curriculum need not be introduced at once. Starting with offerings in high-interest fields, majors expand with enrollments. Phasing also permits the institution to take its early operating experience into account in developing future plans, and allows new faculty to participate in the detailed planning of new majors for which they will be responsible. Within each general field of know-

ledge (science, for example) the student will always have a choice of traditional majors (chemistry, mathematics) or a broad field major representing a combination of disciplines (the earth sciences). Before geology becomes a full major in its own right, geology courses will count toward an interdisciplinary earth science major. Thus each field, while developing specialized offerings along traditional lines, will simultaneously be involved in interface programs with other disciplines, reflecting modern curricular trends. And at all points the theoretical work of the College of Science and Society will be strongly related to the applied work of the School of Modern Industry.

PROPOSED MAJORS FOR 1969-70

I. College of Science and Society

A. Division of Science

1. Mathematics^a
2. Chemistry
3. Psychology^b
4. Broad field major in the Life Sciences (combining work in botany, zoology, bacteriology; unity provided by a topical or thematic interest)

^aMathematics and chemistry promise to have good enrollments in their own right, and are essential to the technological programs of the School of Modern Industry. Physics, which is also essential to that work, will be offered, but not initially as an independent major. Physics is a low-enrollment field both locally and nationally.

^bPsychology is both a biological and social science. Its ultimate position in the Parkside organizational structure will depend on the special interests of the staff.

B. Division of Social Science

1. Economics
2. Political Science
3. History
4. Sociology
5. Broad field major in Contemporary American Society (combining elements of the above disciplines, plus geography, and various humanistic studies; unity provided by a topical or thematic interest)

All of the above are high-enrollment fields. Offerings in economics, political science, and sociology will strengthen the business program of the School of Modern Industry, while courses in the history of science and technology will reinforce the technological program of that school.

C. Division of Humanistic Studies

1. English
2. Major in Modern Language (common format for French, Spanish, German)
3. Speech
4. Broad field major in The Languages of Trade (combining the foreign languages, speech, economics, business, and international relations through a topical interest in foreign trade)
5. The Fine Arts (Art and Music)

D. Division of Education

1. The offerings of this division will aim initially at meeting basic certification requirements for secondary teachers, with a few elective options for professional enhancement.

Teaching majors and minors will be those represented jointly in the Parkside and the public school curricula. Subject matter instruction will be provided by the science, social science, and humanistic studies divisions.

2. Vocational-Technical Teacher Education

This option, suggested in the Preliminary Academic Plan, requires further study and guidance from the CCHE in regard to manpower needs and conflicts of institutional interest. Excellent resources for training in this field are available in southeastern Wisconsin.

II. School of Modern Industry

A. Division of Engineering Science

1. Major in Applied Science and Technology
2. Technical Specialist Major (subject to determination of need)

Both of the above are described in UWP #2-68 "Planning a Technological Program for the Parkside Campus."

B. Division of Management Science

1. Broad-field major in Business Management.

This will not be a conventional business major. It will concentrate on new approaches to executive development, combining training in technology with training in management skills (mastery of decision-making strategies, and of planning and management tools). It will also involve work in the social sciences, and in labor relations.

C. Division of Labor Economics

1. Broad-field major in Labor in Modern Industry (combining elements of the above, with courses in industrial sociology, labor history, collective bargaining, labor politics, etc.)

ADDITIONAL MAJORS FOR 1970-71

By 1970 student majors will have increased from 298 to 796, requiring considerable curriculum expansion.

I. College of Science and Society

A. Division of Science

1. Zoology
2. Botany
3. Geology
4. Broad field major in the Earth Sciences (combining geology, meteorology, geography, unified by a topical or thematic interest)

B. Division of Social Science

1. Geography
2. Broad-field major: Comparative studies of Modern Industrial Societies (this involves comparative studies of the evolution of industrial states outside the United States; their economics, investment and trade relations, politics, cultures, etc.)

C. Division of Humanistic Studies

1. Philosophy
2. Applied major in Scientific, Technical, and Organizational Communications.

This major involves training in scientific and technical writing; in speech; in computer language; and in the communications problems of large enterprises.

D. Division of Education

1. Elementary certification (with major in subject matter field, not in the professional field)

The school districts of southeastern Wisconsin express a very strong interest in certification programs for elementary teachers, since elementary teachers tend to stay in the region in which they are trained.

II. School of Modern Industry

New programs will involve the development of specialties out of broad-field majors identified for 1969.

ADDITIONAL MAJORS FOR 1971-72

By 1971 prospective student majors will have increased from 796 to almost 2,000, requiring further curriculum expansion.

I. College of Science and Society

A. Division of Science

1. Physics (enrollment growth will justify a full physics major by 1971)

B. Division of Social Science

1. Anthropology (with emphasis on economic and technological change)

C. Division of Humanistic Studies

1. Major in Modern Language (common format for Russian and Italian)
2. Broad-field major in The Arts in Modern Industrial Society (the social, economic, and cultural role of all the arts)

D. Division of Education

1. Master's degree of teachers (the degree and training to depend on the advanced training needs of teachers in the Racine, Kenosha, and Burlington school districts - a public service function; for teachers already certified, a subject-matter degree; for baccalaureates without professional training, a master of arts in teaching)

II. School of Modern Industry

New programs will involve additions to the specialties inaugurated in 1970, and will represent a response to regional needs as identified through early campus experience.

One of these needs will certainly be for graduate courses in science and engineering, for part-time advanced students from local industry. See accompanying paper, "Planning a Technological Program for the Parkside Campus."

SUMMARY OF THE UNDERGRADUATE PROGRAM

THE UNIVERSITY OF WISCONSIN-GREEN BAY

Academic Organization

UWGB is headed by a Chancellor and its colleges and school are headed by deans. It is a single, multi-campus university with campuses at Green Bay (main campus), the Fox Valley, Manitowoc, and Marinette.

The academic plan of UWGB stresses the importance of a student's commitment to and involvement in the world with a concern for society and its constructive improvement. The academic program has as its special focus ecology -- the relationship between man and his physical and social environments. The Northern Great Lakes area is especially stressed.

The college structure within UWGB is based on environmental themes and each theme college includes those traditional academic disciplines which focus most heavily on its theme. Thus, rather than college names which are composite identifications of a group of academic disciplines (e.g. Arts and Sciences), at UWGB college names reflect environmental themes:

1. The College of Environmental Sciences

The foci here are problems and challenges in environmental control (i.e. man's attempt to change his resource environment) and analysis of ecosystems (i.e. man-environment interchange). Disciplines include chemistry, mathematics, physics, atmospheric, water and earth sciences, and portions of biology (botany and entomology, e.g.).

2. The College of Community Sciences

This college emphasizes the processes by which man relates to his social environment (community) and undertakes to make it accommodate his purposes. Approaches to the goals of social well-being and personal involvement are engaged in through study of regional and urban analysis and modernization processes. Disciplines include anthropology, geography, political science, psychology and sociology.

3. The College of Human Biology

The central focus here is human adaptability. Human adjustment to the impingement of physical and social environments -- our physical and mental health and well-being -- is stressed. Aspects of human adaptability given special attention are its theory, growth and development, human movement, nutritional science, and population dynamics. Disciplines include selected health sciences and biological sciences (biochemistry, microbiology, physiology, and zoology, e.g.). Home economics and physical education are subsumed in such concentrations as nutritional science, growth and development, and human movement.

4. The College of Creative Communication

Human Identity is the central concern of this college. In a way it is a companion college to Human Biology. The latter focuses on the envi-

ronment's impact on the individual. CCC focuses on the individual's impact on the environment. In order to find and assert his identity, an individual must perform the evaluative function of analysis -- synthesis (creativity) and the outreach function of communication -- action. The college's two concentrations parallel these functions. Disciplines include visual arts, music, drama and dance, communication sciences, philosophy, history, and literature and language.

Each theme college has the responsibility for teaching, research and public service programs relative to its special environmental concern. Each offers liberal arts disciplines plus professional and applied emphases. Interdisciplinary courses are frequent. Disciplines are related to environmental problems and vice versa.

The School of Professional Studies. This School complements the theme colleges and is not analogous to them. It is responsible for professional programs that relate to all or nearly all the theme colleges. Undergraduate majors in business and public administration are available through SPS. Thirty advanced credits are required. In addition, a cognate of thirty credits focussing largely on the offerings of one or more of the theme colleges must be selected.

Academic Program (Undergraduate)

1. Liberal Education Seminars - All-University Requirement

The central core of liberal education at UWGB is a four-year series of Liberal Education Seminars, six credit hours each year, through which every student (a) receives an introduction to values, ecology and environment, (b) focuses on a particular set of environmental problems with an off-campus, Northern Great Lakes regional experience, (c) studies previously selected problems in an "other culture" context outside the region, and (d) integrates what he has learned and experienced with a broad exposure to several academic disciplines and explores problems of values, belief, personal commitment and dedication.

2. Distribution Requirement - All-University Requirement

To encourage as much breadth as possible in undergraduate education, UWGB requires every student to select 5-6 hours of work in each of four theme colleges or to demonstrate presence of such breadth by special examination.

3. Tool Subjects - All-University Requirement

To pursue knowledge effectively and to perform one's societal role adequately, the student must be familiar with different forms of communication and analysis. Tool subjects such as foreign language, data processing, and mathematics meet this need and each student must satisfy at least two of these tool subject requirements on a pass-fail or special examination basis.

4. Majors - Theme College Requirement

A student must meet the requirement of his college for majors by selecting a concentration or a combined concentration-option program. A concentration requires 30 credits at the junior-senior level reflecting an interdisciplinary focus on an environmental problem. A concentration-option com-

bination affords a disciplinary emphasis within a concentration; 36 credits required including 24 credits which relate the discipline (option) to the concentration (environmental problem).

5. Professional Collaterals

Each of the concentrations and options of the theme colleges have direct professional applications (i.e. job relevance or relevance to a professional school experience). However, these are several special applications of the concentrations and options that require some additional particular competence. To meet this need, a student may select a professional collateral in the School of Professional Studies which supplements his liberal arts major and provides him a professional/specialist orientation. Professional collateral courses are offered in education (leading to teacher certification at the elementary and secondary levels), business administration, public administration, mass communication, leisure sciences, and social services. Normally 18 hours are required for a professional collateral.

6. Pre-Professional Work

Several pre-professional programs are offered. UWGB offers preparation for such professional schools as law, medicine, and dentistry through its various majors and its bachelor's degrees. For students desiring a four-year's bachelor's degree in engineering or nursing, UWGB offers a special two-year pre-professional program. Students desiring both a liberal and a technical bachelor's degree can select a 3-2 plan leading to both a bachelor of arts (or science) at UWGB and a bachelor of nursing or engineering at another institution. Three years are spent at UWGB, two at the other institution.

7. Electives and Honors

Students can adapt their educational programs to their own intellectual objectives by electing courses from any college and opting for independent reading and study courses. Sophomores and juniors with 3.5 grade point average and above may choose to become members of The Honors Program and be afforded special prerogatives.

8. Catch-up and Remedial Programs

A catch-up program designed for high school seniors who although very able do not meet normal entrance requirements will afford special assistance through the sophomore year. A second program aims at older students who return to college after a lengthy break in attendance.

Remedial programs are available to students who evidence special need for remedial work (in English, foreign language, mathematics, etc.) in the course of their collegiate careers. These programs should reduce the attrition rate between start and completion of collegiate work.

9. Undergraduate Degrees

UWGB will offer the following undergraduate degrees:

1. Bachelor of Arts or Science, Environmental Sciences
2. Bachelor of Arts or Science, Human Biology

3. Bachelor of Arts or Science, Community Sciences
4. Bachelor of Arts or Science, Creative Communication
5. Bachelor of Arts or Science, Administration

10. General Information

UNGB operates on the following semester system: Fall semester September-December, Spring semester February-May, and a Special Studies Period each January. A minimum of 124 semester hours are required for graduation. Minimum full-time load = 12 credit hours; maximum = 18. Grade point averages on 4.0 basis. One year of residence either at the junior or senior level is required for graduation. However, a student must take at least half of the advanced work in his concentration or concentration-option in residence and take at least four semesters of the Liberal Education Seminar.

11. List of Majors

(Note: combinations of options and concentrations can occur between colleges as well as within them.)

<u>Unit of Administration</u>	<u>Concentrations</u>	<u>Options</u>
College of Environmental Sciences	Environmental Control (Includes air, water, land, and natural resources) Ecosystems Analysis	Chemistry Mathematics Physics Earth Sciences (includes geology, physical geog- raphy, and soil science) Biology (botany and entomology, e.g.)
College of Community Sciences	Regional Analysis Urban Analysis Modernization Processes	Anthropology Economics Geography Political Science Psychology Sociology
College of Human Biology	Growth and Development Nutritional Science Population Dynamics Human Movement Human Adaptability	

Unit of Administration

Concentrations

Options

College of Human Biology (cont.)

Biology (e.g. biochemistry, microbiology, physiology, and zoology)

College of Creative Communication

Analysis -- Synthesis
Communication -- Action

Performing Arts
(Music, Drama, and Dance)
Communication Sciences
Philosophy
History
Literature and Language
Visual Arts

School of Professional Studies

Undergraduate Majors

Business Administration
Public Administration

Professional Collaterals (non-majors, largely for theme college students)

Education (leading to teacher certification at elementary and secondary levels)
Business Administration
Public Administration
Mass Communication
Leisure Sciences
Social Services

December 15, 1967

Approved by the Graduate
Faculty, November 28, 1967

University of Wisconsin-Milwaukee

Proposal for

Doctoral (Ph. D.) Program

in Anthropology

1. Description of Program

a. Nature and objectives. The proposed program is to offer the Ph. D. in anthropology as this discipline is customarily defined to cover both cultural (ethnology, archeology and related fields) and biological aspects of the subject.

b. Relation of program to overall mission of the University. A Ph. D. program in anthropology is an essential offering for a major university, especially for one which, like the University of Wisconsin-Milwaukee, has programs in international areas. It will enable the university to help meet regional, national and world needs for future Ph. D.'s in anthropology. A recent study by the American Anthropological Association estimates that although about 1,100 new anthropology teachers will be needed in degree-granting institutions during the decade ending in 1970, only about 600 Ph. D.'s will be produced during that period. There are also continuing needs for qualified anthropologists in public and private agencies engaged in overseas and domestic programs of socio-cultural change.

A doctoral program will serve to secure maximum benefit from the present faculty and attract to the department young faculty of high quality. It will help to generate new cross-disciplinary training and research endeavors with other departments and programs. It will strengthen the department's and the university's case for securing outside financial support and recognition.

c. Relationship to existing programs at the University. The department already offers the M.A. degree, and a Ph. D. program is an expected and logical development. It can be justified on the basis of experience derived from the present graduate program, the caliber and representative specializations of the anthropology faculty, and the presence of necessary material resources for the M.A. which are sufficient to begin a doctoral program.

The department already has cooperative relations with the departments of Linguistics and Sociology. Further arrangements with these departments as well as with Geography, Political Science, Psychology, Urban Affairs, Zoology and other units are contemplated at the doctoral level.

EXHIBIT C

Several members of the anthropology faculty are engaged in urban anthropological research, thus sharing a concern for urban problems with several other components, including Economics, Geography, History, Political Science, Sociology and Urban Affairs, and with the Schools of Business Administration, Education and Social Welfare.

With the establishment of a School of Nursing and a pre-medical program at the university, the prospects become multiplied for graduate research and training in medical anthropology already initiated under the M.A. program. It is well known that anthropology has varied contributions to make to medical and nursing education and research.

2. Specification of Need

a. Contribution of program to advancement of human knowledge. The program offers multi-dimensional contributions to the advancement of knowledge. As the "science of man," anthropology draws on, generates and transmits a wide scope of subject matter--ranging from the biological sciences through the social sciences to the humanities--doing so through methodological approaches that are essentially comparative and holistic. In addition to its basic contributions to knowledge on the nature and variations of human adaptations, anthropology also has applicability to a range of current human problems of our shrinking planet. As the various branches of anthropology become more and more specialized in subject matter and methods, further advancement requires graduate programs which, like that proposed here, offer a broad grounding in general anthropology as well as opportunities for salient specialization.

b. Manpower demands on local, state, regional and/or national basis. A significant expansion of interest in anthropology has occurred since World War II, resulting in demand for more anthropologists with Ph. D. degrees in colleges and universities throughout the country. Existing graduate anthropology departments are overburdened, and there is a need for the creation of more doctoral programs to cope with the growing demand. Current needs for well-trained anthropologists within the state include: persons who can adequately teach anthropology in Wisconsin's widespread system of State Universities and University Centers; professional archeologists to further the study of prehistoric Indian sites in various parts of the state; workers with ethnographic and community-research skills to study contemporary American Indian populations (in rural and urban settings) and such recently-arrived ethnic groups as the Spanish-speaking; anthropologically trained researchers to cooperate in research in hospitals, various social agencies, museums and other institutions, and to assist in developing anthropological components in educational programs at high school and lower educational levels.

3. Student Demand

A recent projection by the U.S. Office of Education indicates that the present graduate student population will double by 1976. As a young and fast-growing discipline, anthropology can be expected to reach and possibly exceed this growth rate.

To date, the UWM anthropology department has received over thirty inquiries from advanced students from over the country and abroad concerning the prospects of pursuing doctoral work here in the near future. In Milwaukee itself, the prospect of a doctoral program in anthropology has evoked inquiries from people with M.A.'s who are based here and who would wish to enroll as Ph. D. candidates.

Some indication of future trends may be gleaned from graduate enrollment figures in anthropology since the inception of the M.A. program in Fall 1963.

Table 1.

	1963-64	1964-65	1965-66	1966-67	1967-68
Part-time students	1	3	6	6	7
Full-time students	<u>4</u>	<u>11</u>	<u>10</u>	<u>16</u>	<u>23</u>
Totals	5	14	16	22	30

4. Institutional Capacity

a. Adequacy of present resource base. According to the 1966 Guide to Graduate Departments of Anthropology, the UWM anthropology faculty is at the mid-point in size among the 50 universities in the United States and Canada which offer the Ph. D. in anthropology. With the creation of two new faculty positions in 1966-67 and the commitment of a third new post for 1968-69, the department will be relatively and absolutely stronger. Of the full-time faculty, eight of eleven hold the Ph. D. degree; the four part-time faculty all have Ph. D.'s.

Perhaps most important, our faculty is eager to embark on doctoral training and qualified to do so. The record of publications of individual members is more than respectable, and their Ph. D.'s are from major centers of graduate training in anthropology. The national and, in several cases, international reputations of our faculty should help attract a high caliber of students to our doctoral program.

Given the combination of available library resources in Milwaukee, the literature base is sufficient for beginning a doctoral program. It is estimated that current anthropology holdings at UWM are upwards of 3,000 books plus 165 journal series of direct interest to anthropology and 40 other journals in fields of related interest. The department also has access to the excellent holdings in anthropology (particularly in rare and out of print books and early issues of journals) at the Milwaukee Public Museum Library. The Marquette University Library contains useful materials, particularly for biological aspects of anthropology, to which we have access.

Laboratories and special equipment are also adequate to begin a doctoral program. Research facilities and teaching laboratories are located in Bolton Hall, and special facilities are also allocated to the department elsewhere on the campus. Such all-university facilities as the Computer Center are also available.

b. Adequacy of resources in related or supporting fields. The Milwaukee region has an array of resources for training in both the cultural and biological aspects of anthropology. Our students have access to laboratories and extensive osteological, archaeological and ethnographic collections at the Milwaukee Public Museum. Assurances of cooperation in graduate research, especially in the primatological field, have been extended by the Milwaukee County Zoo, the Brookfield Zoo near Chicago, and the Wisconsin Regional Primate Center in Madison. Relationships have been established with various agencies and organizations in the city concerned with problems impinging on cultural anthropology such as the Milwaukee School Board, the Citizens Advisory Committee of lay, professional and religious leaders concerned with Spanish Speaking and American Indian populations, and the Social Development Commission.

c. Proposed bases for program funding. Much equipment for teaching and research in anthropology has already been acquired directly through the University and individual faculty grants from a variety of federal agencies and foundations. During the last five years, members of the anthropology faculty have secured approximately \$350,000 in grants, and further awards from grant programs are anticipated. These grants have provided training opportunities for students and will do so on a higher level when we have doctoral candidates. At the level of dissertation research it is expected that some doctoral candidates will be eligible for research grants of their own. Faculty grants to date have helped supply the department with needed apparatus and laboratory equipment. In 1966, the department received an \$11,000 Undergraduate Scientific Instructional Equipment grant from the National Science Foundation and \$12,000 for special equipment purchases from the UWM College of Letters and Science. Many items acquired under these funds are utilizable at the graduate level.

We now make use of Teaching Assistants from the group of Master's level graduate students, thereby freeing senior faculty from some routine teaching to concentrate on more advanced work. This program will be expanded and further developed when doctoral students are available. Our undergraduate enrollments have increased steadily, and we anticipate regular increments in enrollment funds to increase our faculty at all levels as our doctoral program progresses. We also anticipate continued cordiality from the University administration regarding justifiable requests for special funds as needed from time to time. As noted, our faculty has proved itself energetic and successful in seeking grants. In some cases, these have led to program improvements on the undergraduate level which will be extended to graduate training. The opportunity to offer summer field schools in archeology and ethnography will be enhanced once training is available at the doctoral level.

d. Estimated beginning and continuing net cost. We are ready to begin a doctoral program with our present resource base and sources of support. Continuing net cost cannot be figured in dollars, but we do not anticipate any large or sudden expenditures to maintain and expand our doctoral program. Our growth as an independent department separated from Sociology after UWM was established has been rapid but at a steady pace. We expect to continue to satisfy the needs of the university in order to qualify for normal increases in funding as our program grows.

5. Interest and support on the part of the administration, faculty and citizens

To date, we have enjoyed the support of the administration in all of our undertakings and have moved from a two-person department in 1957 to a full-time faculty of eleven in 1967, with an established undergraduate and Master's program. We were encouraged to begin planning for a doctoral program as soon as our Master's program was approved and operative, and we have done so. Various departments at UWM have been contacted with a view to cooperative efforts in our doctoral program, and their response has been uniformly encouraging. With respect to citizen interest, we have already noted the presence of Milwaukee-based people eager for a doctoral program in anthropology at UWM. We have also noted the interest in anthropology of various local institutions and agencies.

Approved by
graduate faculty
11-28-67 with a
contingency.

PROPOSAL FOR DOCTORAL PROGRAM
IN THE DEPARTMENT OF CHEMISTRY
UNIVERSITY OF WISCONSIN MILWAUKEE

EXHIBIT D

1. Description of the Program

a. Nature and Objectives

The proposal is to initiate a program of study leading to the Ph.D. degree in chemistry in September of 1968. It will include certain selected areas of research in which the department has highly capable faculty and adequate facilities. It is structured so that the progress of each student is carefully guided by his advisor and is subject to the scrutiny and approval of the graduate staff at several strategic points during the candidate's studies so that even from the beginning only very well qualified students will obtain the Ph.D. degree. The program structure provides for orderly growth based on staff, facilities and student demand. The academic program for the student is subdivided into three distinct phases, each with certain appropriate controls built in. The three phases are:

(1) Initial Phase: Screening of the new Graduate Students.

During the first phase, graduate students will normally be required to take the basic graduate courses in analytical, inorganic, organic and physical chemistry. Also, these students are required to take a set of written proficiency examinations. During the first year a student will begin preliminary research. Thus, normally at the end of the first year, we expect to have a good deal of information on the group of first year graduate students, and we should be able

to arrive at reliable relative ratings*. The entire graduate staff of the Department will then decide which students are to be encouraged to seek admission to doctorate study.

(2) Second Phase: The Minor Requirements and the First Results of the Ph.D. Thesis Work.

After a student has been admitted to the Ph.D. program, the adviser prepares a general statement containing the following information:

(a) Minor fields of study: The name of the minor adviser willing to serve on the student's graduate committee, the courses, seminars, and term papers or other requirements relative to the minors. One or two minors may be selected with the understanding that a student choosing to have only one minor, must expect to expend a fairly good amount of energy in such a field of study. Normally, a part of the minor should be outside chemistry (see appendix 1 b for additional notes on minor) and have no appreciable overlap with the major field of study.

(b) Foreign Language Requirements: The languages chosen should be listed as well as the time of examinations.

(c) The Nature of the Examination Concluding the Student's Second Phase of Graduate Studies: This examination will consist of a written part in the major field and the minor(s)

* For further general discussion on this and related points, see "The Doctor of Philosophy Degree," a statement by The Association of Graduate Schools in the AAU and The Council of Graduate Schools in the U. S.

and a subsequent oral examination. A graduate committee consisting of the major and minor advisers plus one or two additional staff members to make a total of four administrators this examination. The written part of the major examination may be of the traditional closed book type, it may consist of a series of three research propositions, or it may consist of a set of cumulative written examinations.

(d) Outline of Research Problem: A one or two page description of the research plans is to be included.

The Second Phase Plan described here will be distributed to the Graduate staff of the Department, the minor advisers, and to other interested staff members soon after a student has entered the Second Phase. The graduate staff will formally approve this Plan, or suggest some appropriate modifications. This procedure should make for some uniformity of the demands imposed on students.

(3) Third Phase: Completion of Thesis Research.

After passing the second year examination, a student is to complete his thesis work and defend his thesis in an oral examination. A thesis committee will be appointed by the chairman on recommendation of the adviser. The adviser will be the chairman on this committee.

In summary, the admission to Ph.D. candidacy will be regulated by the entire graduate staff of the Department, so as to arrive at unbiased decisions, within reasonably short time. Next, the student's specialization will be guided by his graduate committee of which the major adviser is the chairman. Finally, as is common elsewhere, the thesis work will be

guided by the major adviser only. It is the purpose of these arrangements to accumulate much experience in the processing of doctoral candidates, and to achieve a high level of academic performance from the very outset.

GRADUATE COURSES IN CHEMISTRY

Course No.

502	History of Chemistry	Siebring
511	Inorganic Chemistry	Layde
524	Intermediate Anal. Chem.	Huber
542	Modern Chemistry for Teachers	Siebring, Fang, Layde
561	Physical Chemistry	Bahe
562	Physical Chemistry	Bahe
563	Physical Chemistry-Laboratory	Bahe
564	Physical Chemistry-Laboratory	Bahe, Brandt
621	Instrumental Analysis	Huber
624*	Electrochemistry	Huber
640	Adv. Survey of Org. Chem.	Fang
642	Free Radical Chemistry	Sosnovsky
646	Characterization of Org. Chem.	Hill
647	Physical Methods of Org. Chem.	Fang, Hill
648*	Physical Organic Chem.	Fang, Hill
661	Inter. Thermodynamics	Bahe, Brandt
665*	Statistical Thermodynamics	Brandt
667	Basic Quantum Chemistry	Brandt
741	Topics in Organic Chem.	Hill, Fang, Sosnovsky
751	Macromolecular Chemistry	Fang
768	Surface Chemistry	Keulkes
769	Heterogeneous Catalysis	Fang, Keulkes
912	Chem. Graduate Seminar	Staff
990-995	Research	Staff

* Application to change to corresponding seven hundred number is being processed.

b. Relationship to Institution

The initiation of doctoral study in chemistry at this time is a reasonable and important step in the progress of UWM. The development of major university status is in fact associated only with institutions which offer doctorate work in the basic science of chemistry.

The department presently offers the B.S. and M.S. degrees. The faculty has a good research and scholarship record and is eager to begin offering Ph.D. research and study opportunity. See Appendix II on faculty vitae.

Library holdings have been expanded and are presently adequate to begin. Recent progress in library acquisitions and space bids well for future library capabilities.

Research equipment adequate for Ph.D. level research problems is presently in use in the department in research projects being pursued by faculty members, post-doctorate appointees, M.S. thesis researchers, and undergraduate research participants.

The allied departments of Physics, Mathematics and Botany offer a Ph.D. program. The chemistry department is filling an active and necessary role in the Surface Sciences Laboratory and in the Center for Great Lakes Studies. Both represent pursuit of interdisciplinary excellence in strategic areas of science.

2. Need

The serious need for a Ph.D. in Chemistry course of study

can be discussed in terms of national*, local, and campus requirements.

The National Science Foundation** has made projections on the numbers of active scientists with the doctorate in the United States. This estimate suggests that the numbers will roughly double in ten years. When this expansion is added to that needed to replace retiring scientists it is clear that additional sites for such education are needed. UWM and its chemistry department situated in one of the major cities of the United States ought to be one of those site.

Data published by the Department of Resource Development of Wisconsin indicates that research and development in the chemical industry in the Milwaukee area is seriously below the national average. A strong full-fledged chemistry department at UWM will enhance the chemical industrial development of this locality and the state. The Milwaukee Section of The American Chemical Society has endorsed the establishment of a chemistry Ph.D. program at UWM.

The progress of UWM toward major university status requires initiation and growth of high quality graduate study in chemistry and other basic physical sciences. This is axiomatic in general,

* For further discussion on national level see "Doctoral Education in Chemistry," a report by the Committee on Professional Training, American Chemical Society, C. & E. News, May 4, 1964. pp. 76-84.

** NSF, "Profiles of Manpower...", 1963. pp.8,9.

but is even more readily seen in terms of particular interdisciplinary projects being pursued on this campus. Surface studies, Great Lakes studies, and health related programs on this campus all require the presence of highly competent scholars in the basic science of chemistry. It may be pointed out that chemistry is somewhat unique among the various departments in this respect.

Recruitment of the most highly qualified additional faculty members by the department places us in competition with Ph.D. degree granting departments at other universities. Experience has shown that the lack of such a program here has been a handicap. This is especially true in the case of someone with an illustrious reputation whose coming would involve the transfer of graduate students of his research group. Initial contacts with highly competent prospective faculty members and graduate students in chemistry are often via the "Directory of Graduate Research," an annual publication of the American Chemical Society. This listing includes only Ph.D. granting departments.

Outside agency financial support for research seeks maximum scientific benefit per dollar and thus to some extent at least, is concentrated at those institutions where the research effort is related to Ph.D. study.

The undergraduate teaching in this department will undoubtedly benefit very much from the proposed program. Undergraduates will have ample opportunity to participate in research projects, attend graduate seminars and colloquia

by well known visitors, and to discuss areas of mutual interest with advanced students and post-doctoral associates. In addition it should be noted that the average intellectual ability and motivation toward scholarship of teaching assistants seeking the Ph.D. can be expected to exceed that for M.S. candidates. Thus presumably undergraduate instruction duties performed by teaching assistants will improve in quality because of the institution of Ph.D. level studies.

3. Student Demand.

Rapidly increasing numbers of chemistry M.S. candidates indicate the developing demand for Ph.D. study here. Six full time students were enrolled in the M.S. program in the fall of 1965, the year the program started. Two more joined the program in the spring semester. The number of graduate students jumped to 18 in the fall of 1966 and in the fall of 1967 reached 25. Inquiries and applications for fall, 1968, are now being processed. Three M.S. degrees have been granted to date.

Enrollment and other department expansion trends are indicated in Appendix V. The student-credit department load used for 1966-67 is based on the fact that of several midwestern universities surveyed the average proportion of students enrolled in chemistry courses is 25%. Teaching assistants or equivalent personnel needs are shown in line five indicating that support for incoming graduate students via teaching assistantships should be adequate. Enrollment increases shown are based on projections by the State Coordinating Committee for Higher Education.

As noted earlier, the number of doctorates being earned in chemistry can be expected to more than double in the next ten years. We would, therefore, expect the graduate enrollments to increase several fold in that period. A reasonable estimate of Ph.D. student enrollments might be 2 - 5 initially and increase to 25 - 35 by 1972-73.

There is need for graduate courses in chemistry to fulfill chemistry Ph.D. minors in physics, the life sciences, and sometimes other disciplines. With the increasing number of Ph.D. programs in this graduate school this function is sure to grow rapidly.

Special students from local industrial laboratories are served by doctoral level courses and colloquia offered in a Ph.D. program.

4. Institutional Capabilities.

a. Adequacy of present resources*

(1) Faculty Competence

The competence of faculty is a primary requisite to the initiation of any university program. The chemistry graduate faculty has members with the background and present research activity which commends them for Ph.D. research advising.

The department via the chemistry graduate staff will ascertain those faculty members qualified to direct Ph.D. thesis research. The criteria to be used are: (1) Recent publications

* Reference to "New Doctor of Philosophy Degree Program," a statement by the Council of Graduate Schools in the U. S. indicates that UWM and the Chemistry department easily meet the listed minimum resource requirements.

as evidence of research productivity and quality, (2) Current activity in significant research, (3) Ability to work well with students.

The following members of the chemistry faculty presently can be listed as meeting these criteria: Dr. Brandt, Dr. Fang, Dr. Hill, Dr. Huber, and Dr. Sosnovsky. The department will approve additional faculty members for Ph.D. direction on the basis of the criteria listed including a proposed research program involving prospective Ph.D. students. For the next four years such additions are to be subject to the approval of the Dean of the Graduate School with the advice of the Administrative Committee of the Graduate School.

It must be noted that in addition to the approval referred to above, the academic program itself calls for approval of proposed thesis research plans and other matters by the chemistry graduate staff at the beginning of stage II of each doctoral student's progress.

The vitae on the various faculty members are given in the appendix. Examination of these vitae reveals: (1) that Ph.D. degrees were obtained at a wide array of universities with excellent reputations in Ph.D. training, (2) that most publications are articles in the best chemical journals, (3) that a good proportion of recent dates appear in the list of publications, (4) that three of the faculty (W. W. Brandt, E. A. Hill, and G. Sosnovsky) have previous experience directing Ph.D. thesis students.

Ten of the present fourteen faculty members have active research programs involving graduate and/or undergraduate students. Two post-doctorate researchers are active in the department and other solicitations for post-doctorate appointments have been received.

Among the faculty members not presently active in research are two men in the process of preparing new editions of successful undergraduate textbooks they have authored.

The progressive quality of the department faculty is further shown by several recent developments. Among these are the receipt of the fourth NSF Undergraduate Research Participation grant, the receipt of four U. S. Office of Education grants for investigations in improving undergraduate instruction, the operation of an in-service institute for high school teachers of chemistry based on modern structural chemistry, the appointment of a faculty member to the American Chemical Society Sub-committee on Testing for qualitative analysis, the initiation of special and separate orientation and training for teaching assistants, and the two highly successful UIR Seminar programs on recent trends in chemical instrumentation and surface studies recently offered by the department.

In addition to competence, the commitment of the faculty toward excellent graduate education can be attested to in several ways: (1) Deliberate and specific planning toward Ph.D. level training by the department over the past several years. Specific goals toward this end were first placed on record in 1964 and have been reiterated and refined since.

For details on this see planning reports adopted by vote of the departmental committee reproduced in Appendix VI. (2) The competence of faculty members who were hired during the last five years is obviously high in the area of graduate teaching and research. (3) Spontaneous elucidation and development of several special inter-disciplinary graduate programs by department faculty. Among these are the joint chemistry-education M.S. program, and planning for an M.S. program in clinical chemistry.

(2) Library

The University Library receives over 300 chemical journals and serial publications. The present nonserial holdings in chemistry have been estimated as more than 2,000 volumes. The chemistry department is further encouraged by the following recent developments:

1. The library staff is making good progress in acquiring back issues of serial publications.
2. All new books in the English language and a good selection of those in foreign languages are automatically acquired by the library.
3. The completion of the new UWM library building.

It is the consensus of the Chemistry Department that the present library holdings are sufficient to initiate the doctoral program. The number of volumes held is a conservative measure of this library's adequacy because the volumes are largely the more recent and therefore most useful works.

When unusual volumes must be used they may be borrowed from the Madison Campus or other libraries. The Chemistry Department, in cooperation with the library staff is continuously seeking optimum expansion of holdings in this and related sciences.

(3) Equipment and Facilities

Modern chemistry demands modern instrumental techniques. Due to a wise and timely commitment of funds by the university the "instrumentation barrier" is currently surmounted with high quality research tools. The specific items of such equipment are listed in Appendix IV. They include instruments representing some of the finest available in nuclear magnetic resonance, mass spectrometry, atomic absorption spectrometry, and uv-visible spectrophotometry. Many departments presently offering the Ph.D. are not so well equipped in major instrumentation. Excellent electronic, mechanical and glass blowing shops are provided.

Laboratory and office space in Lapham Hall supplemented by teaching laboratories in Mitchell Hall are adequate for a Ph.D. program with the present faculty size. Remodeling in Lapham Hall as well as "borrowing" of laboratory and office space in nearby buildings will allow the planned expansion of the program in the next few years. A new chemistry building has been approved by the State Building Commission. Present progress indicates a 1971 occupation date. Orderly progress in launching a high quality Ph.D. program now would insure prompt productive use of the new building, i.e. prevent an "induction" period after the building is in use.

b. Adequacy of Related Resources

The most important related support to chemistry at our university is from the Physics and Mathematics departments. At UWM the faculty, library and technical resources of both of these related departments are adequate for Ph.D. study in those departments and therefore provide excellent support to chemistry graduate programs.

c. Proposed Basis for Funding

Enrollment projections for the chemistry department indicate the need for 92 half-time teaching assistants or equivalent by 1972-73. This suggests that a substantial base for financial support of quality graduate students will be available in these teaching activities.

The Westheimer Report* indicates that 75% or more of doctoral training in U.S. universities is borne by federal and other extramural agencies. The data on current extramural support in the chemistry department is given in the appendix.

d. Estimated Beginning and Continuing Net Cost

The net cost for such a program can best be estimated using data supplied by the "Westheimer Report*." This report estimates the cost per Ph.D. by dividing the total cost for basic chemical research at universities (explicit and hidden including building space) by the number of chemistry doctorates granted. This cost is \$75,000 per Ph.D. for 1964. Other data in the report show that 25% of basic chemical research costs are borne by the Universities themselves, thus about

* C & E News, Nov. 29, 1965 pp. 72-102.

\$19,000 per chemistry Ph.D. The level of scholarship and research in the department at present already represents a sizable university commitment. A reasonably conservative factor to be applied to represent additional net university expenditure would be 0.5 i.e. cost per Ph.D. of \$9,000 to \$10,000. An average tenure of four years for a Ph.D. student yields a net cost to the university per Ph.D. student per year of \$2,000 to \$2,500.

The number of Ph.D. students enrolled would be 2-5 initially and could be expected to increase to 25-35 by 1972-73.

5. Interest and Support - Administration, Faculty, Citizens

Copies of documents indicating support of this program by the Graduate School Administration Committee, the Graduate School Faculty, and the Milwaukee Section of the American Chemical Society are included in appendix VII (p. 86)

Approved by the Faculty of the UWM Graduate School 11/28/67 with the contingency that it not become operative until two additional tenure appointments have been made.

THE UNIVERSITY OF WISCONSIN-MILWAUKEE
School of Education

A PROPOSAL FOR A DOCTOR OF PHILOSOPHY DEGREE PROGRAM IN EDUCATION

1. Description of the Program

a. Nature and objectives.

The objective of this program is to develop scholars and leaders in the field of education who are able to demonstrate their scholarship through teaching, writing, and service. Scholarship in the field of education requires an understanding of the social, philosophical, cultural, and psychological foundations of education. In addition, certain basic skills, particularly related to research, are required of all scholars in the field.

The program is designed to develop the following competencies.

- (1) Competence in reading, analyzing and interpreting advanced professional literature and experience in the broad field of education, the behavioral sciences and, to a greater extent in an area of specialization.
- (2) Competence in developing and implementing research and theory in an area of specialization.
- (3) Competence in communicating to colleagues, students, lay and professional groups through teaching and professional writing.
- (4) Competence in providing professional leadership in an area of specialization and to the profession in general.

Within these broad objectives the program in its initial phases will concentrate on two specific areas:

1) Curriculum Theory and Development, and 2) Urban Education (Education of the Socially and Psychologically Disadvantaged). Other areas will be proposed as suitable programs are developed.

The program will be composed primarily of research activity, seminars, symposia, and independent study. Each student will pursue a major in education and a minor outside of education. Existing Graduate School regulations with respect to foreign languages, dissertation, comprehensive and oral examinations will be followed. (A complete description of the program is available upon request.)

b. Relationship of program to over-all academic mission of the University of Wisconsin.

The academic mission of the University of Wisconsin is that of preparing scholars in all fields of human endeavor. As in many other fields, scholarship

in the discipline of education has resulted in an explosion of knowledge. Advancement of pedagogical scholarship and research is consonant with the finest academic traditions of the University.

c. Relationship of program to existing programs at the University.

The comprehensive program of the doctorate in education will be built into the current organizational structure of the University and will rely heavily upon interdisciplinary cooperation. This cooperation is necessary so that a variety of professional competencies will be brought to bear upon the selection and nurture of students and the selection of educational content and method.

2. Specification of Need

a. Contribution of program to advancement of human knowledge.

From this proposed program new knowledge will develop with dimensions which insure force and dynamism within the field of education and particularly those aspects related to urban living. Knowledge generated by this program will give education new boundaries, new language, new questions, new modes of research, and new theoretical constructs appropriate to additional expansion.

b. Manpower demands.

John Schrodt in his recent comprehensive survey indicates that the demand for Ph.D.'s is three times greater than the number produced each year. This situation exists for doctorates in education as well as in the sciences and humanities. Professional organizations at the national and state levels as well as the U.S. Office of Education and the state departments of public instruction make it clear in their publications that graduate study beyond the the master's degree is required for adequate performance in educational leadership roles. Such statements are found in the publications of American Association of School Administrators, American Psychological Association, American Educational Research Association, The Association for Supervision and Curriculum Development, American Speech and Hearing Association, and the Council for Exceptional Children.

c. Internal development of the University.

With the rapid growth of the UWM Graduate School and with the expansion of the resources available to the University has come the systematic approach by the School of Education to meet the rigor of offering doctoral work by 1) recruiting outstanding faculty at the full professor level, 2) increasing library holdings, 3) reorganizing the departmental structure within the School of Education, and 4) conducting a series of faculty seminars and conferences during the past two years with leadership personnel from many recognized graduate schools.

d. Projections or estimates of demand for graduates.

The need for qualified personnel to staff our colleges and universities is desperate at the present time. A comprehensive study by the Carnegie Foundation indicates that "A critical shortage of (college) teachers will endanger the educational quality of all but the strongest colleges and universities within five years. Unless strong and unconventional measures

are taken, the traditional supply line for college faculties will produce only a fraction of the 37,500 new teachers needed in 1969."

Unless qualified persons are prepared faculty with marginal qualifications will have to be hired to meet these needs. Demands for personnel with the education doctorate are currently not being met in government agencies at the local, state, and national levels. There also exists a tremendous need for Ph.D.'s to meet developments in international education. As graduate programs expand, a need exists to prepare students from abroad to upgrade programs in their countries and to prepare persons from UWM to go abroad.

3. Student Demand

a. Students desire for work in program area.

The School of Education has conducted a survey which indicates substantial numbers of educators are interested in pursuing advanced level work. More than three hundred individual respondents to a 1964 survey indicated strong interest in doctoral study in the School of Education.

b. Enrolment projections.

The rapid increase in graduate students in education at the master's level during the past two years, from 827 to 1,157, indicates that a large number of students is available as a base for selecting outstanding potential doctoral students. As the image and prestige of the University of Wisconsin-Milwaukee has increased, so also has its ability to recruit students from outside the immediate geographical area. In its initial years, the program will be restricted to 15-20 full time students. As faculty and other resources are expanded, additional students will be selected.

4. Institutional Capability

a. A distinguished history of teacher education programs and significant program developments in recent years combine to provide unusually strong institutional capability to offer doctoral study opportunities in the School of Education. Undergraduate programs have been offered since 1885. Since 1946 more than 1000 master's degrees have been awarded. In recent years, increasing attention has been given to programs related to urban education and international education.

The faculty of professorial rank totals 89, of which 69 persons hold the doctorate degree. Many of the faculty have outstanding research, publication and service records.

The supporting library resources are equally outstanding. The current collection according to the Director of the UWM Libraries includes 23,000 volumes in education plus thousands of volumes in allied and supporting social sciences and virtually all significant periodicals (approximately 500 serial titles) in the field, including back numbers. It is estimated that the current annual allocation of \$12,000 for education will be sufficient to maintain adequate library resources. According to Library Director Gormley the current holdings in education will support the doctoral program. Over the past five years systematic surveys by education faculty members in a variety of education sub-disciplines has considerably helped to upgrade these holdings.

Upon completion of the funded new building in 1971 the physical facilities to support the program will be outstanding. In the interim, the existing facilities will be adequate to sustain the program. These facilities include laboratory schools, an Urban Education Center, a Psycho-Educational Clinic, a Reading Clinic, a Statistics Laboratory, a Science Education Center, an Instructional Media Laboratory, and an experimental central city school cooperatively administered with the Milwaukee Public Schools (Twelfth Street School).

- b. In addition to the School of Education resources, the expanding undergraduate and graduate program at the University of Wisconsin-Milwaukee will provide the collateral support necessary to offer an outstanding doctoral program. Approved or developing Ph.D. programs in psychology, anthropology, urban affairs and other humanities and social science fields will make it possible for doctoral students in education to enroll in many advanced level courses related to their study areas.
- c. Proposed bases for program funding.
 - (1) The major basis for program support will result from a reorganization of existing resources. The School of Education has identified ten faculty members who will have major responsibility for direction of the doctoral program. Adjustment of teaching loads of these faculty will be made when the program begins. Addition of two faculty positions at the professor level (\$20,000 each) will be sufficient to sustain the program for the first two years. One of the persons has been secured and needs only approval by the Board of Regents.
 - (2) As enrollment increases it will be necessary to add one to two positions per year to support the program.
 - (3) As additional areas of concentration are approved by the Graduate School, program improvement funds will be required. The specific amount will be dependent upon the strength of the resident faculty in the proposed areas.
 - (4) It is assumed that the amount of external support available to the School of Education will continue and increase (the school received approximately \$2,000,000 in 1966-67 for research and program development). The growing realization of the cruciality of urban education problems would suggest that substantial external support will be available in the coming decades.
- d. Estimated beginning and continuing net cost of program:

Beginning costs 1968-69

	<u>Apparent Costs</u>	<u>Real Costs</u>
New faculty, 2 professors at \$20,000; one is already budgeted	\$40,000.	\$20,000.
Library additions at current rate	<u>12,000.</u>	<u>-----</u>
	\$52,000.	\$20,000.
 <u>Continuing costs, for program growth</u>		
New faculty, 1-2 professors per year	\$30,000.	\$30,000.
Library additions, adequate at current rate of increase	<u>12,000.</u>	<u>-----</u>
	\$42,000.	\$30,000.

5. Interest and Support on the Part of Administration, Faculty, and Citizens

- a. The University of Wisconsin-Milwaukee administration of the Graduate School have supported this proposal.
- b. The University of Wisconsin-Milwaukee Graduate Faculty voted unanimously to support this proposal on November 28, 1967.

Approved by the Graduate Faculty
on November 28, 1967
THE UNIVERSITY OF WISCONSIN-MILWAUKEE
College of Letters and Science

Department of Art History

November 28, 1967

PROPOSAL FOR A MASTER OF ARTS DEGREE IN ART HISTORY

Prepared by Jack Wasserman
Chairman, Department of Art History

(s) _____

Proposal for a Master of Arts Degree in Art History

I. Description of Program

- a. The following is a proposal for a Master of Arts degree in Art History. The aim of this course of study will be to offer advanced work in the field to the student who wishes to specialize in art history and to prepare him for Ph.D. candidacy and for employment in museums, junior colleges, colleges and universities. He will be guided toward a deepening understanding of the subject, he will be taught sound research methods and he will be encouraged to develop independent attitudes of scholarship. The training will provide him with substantial instruction in art history, art theory, art criticism and art connoisseurship with the intended results that he may become sensitive to style and quality, that he may recognize the major problems of the history of art, and that he may acquire a wide knowledge of bibliography.
- b. Art History is a humanistic discipline that orients the student towards a culture that involves both intellectual and visual experiences. As such, it contributes to the over-all mission of UWM. While varied, this mission includes the desire to develop a broad academic potential for its students in order to make them sophisticated, urbane, cultured and thoughtful citizens and also to train them for professional careers. This mission can be achieved only through graduate programs. The program of the Department of Art History will do the following for which the M.A. is essential: (1) it will prepare the student for admission to Ph.D. programs at superior institutions and (2) it will directly prepare those who choose such careers for employment in museums, art centers and university galleries as directors, curators and docents and in art libraries in universities, museums and public libraries (most large cities including Milwaukee have such specialized departments).
- c. The Master of Art program in art history is singularly important to other programs currently offered and contemplated on the UWM campus. 1) The Art Department (School of Fine Arts) offers both the M.A. and the Master of Fine Arts degrees, and all students enrolled in these programs are required to take between 6 and 12 credits in art history. The M.A. and M.F.A. student in art studio and art education must have a range and level of art history courses that can come only with a graduate department. 2) This is true also of the new School of Architecture, that will be inaugurated in the fall of 1968. Architectural graduate students will assuredly be required to take a given number of graduate credits in the Department of Art History. This is traditional throughout the country. 3) The Department of Urban Affairs will, as it develops its own graduate program, turn more and more to the Department of Art History for graduate work in related areas, such as the history of urban planning.

2. Specification of Need

- a. A graduate program in art history, as in all academic disciplines, has as one of its obligations to train scholars who will teach and explore for publication the art historical aspects of human knowledge. (See 1b above).
- b. The attached letter by the Director of the Milwaukee Art Center epitomizes the critical shortage in qualified personnel confronting all museums and art centers in the United States. This same shortage exists in the art history departments of almost every university in the country. This situation is due to the proliferation of museums and art history departments and to the increased enrollments of students and attendance at museums. The graduate program of the Department of Art History will in its small way help to relieve this critical situation.
- c. UWM, as an urban university, can make a unique contribution to Milwaukee, Wisconsin and the country. To do so it must develop those departments and programs that have an essentially urban aspect and that can serve essentially urban institutions and needs. The Department of Art History is one such department. Its programs (in the form of exhibitions and public lectures), its facilities (in the form of photograph and slide collections), and its skills (in the form of criticism and expertise) are made available to the general community. Many of these activities are often presented in cooperation with other units of the university, such as the School of Fine Arts. Our service to urban institutions (Milwaukee Art Center and Milwaukee Public Museum) takes the form of helping to develop the skills of their personnel, advising them on acquisitions and other activities, aiding them in organizing exhibitions, and doing research on their collections. These obligations are increasing and require a larger and more varied staff and programs that are of graduate standing.

3. Student Demand

- a. In the past several months I have had about 15-20 inquiries regarding the possibility of doing graduate work in art history. These have come from our graduating art history majors, from teachers and other individuals who work in Milwaukee and its vicinity and cannot, therefore, apply to more distant institutions, and from out-of-state students. We have also received such inquiries from the Milwaukee Art Center and from the Paine Art Center, Oshkosh, both of which have indicated a need to send their staff to our department for graduate training. Furthermore, we have the growing obligation to increase our offerings of graduate courses to Art Department graduate students, numbering now over 40.
- b. It is impossible to predict eventual enrollments in the program, but on the basis of the growth of art history, M.A. departments at other institutions in the country, the growth of our own department in the past few years, that of the Art Department and

potentially the School of Architecture (there are now some 80 potential architectural candidates), I would say that we shall develop a substantial student enrollment.

4. Institutional Capability

- a. The facilities and staff of the Department of Art History, taken together with the facilities in the vicinity of the University, are more than adequate to support a Master of Arts program.
- Staff. The Department is currently staffed by four full-time art historians (from Columbia University and New York University), three of whom hold the Ph.D.; the fourth should have the Ph.D. in the fall of 1968. Initially, we would offer graduate credit in ancient art and architecture; medieval art and architecture; Renaissance art and architecture; and 17th, 18th, 19th and 20th century European and American art and architecture.
- Library. The library holdings in art history at UWM have increased very significantly in the past few years, and we are receiving very substantial support from the library administration in our efforts to attain graduate status. We are also fortunate in that we can rely on the library resources of several neighboring institutions. The most convenient is the library of the Madison campus, where a Ph.D. degree in art history has been offered for some years; hence, the library holding in art history is excellent. There are, in addition, the libraries of the University of Chicago and Northwestern University (both institutions offer the Ph.D. degree), the Newberry Library of Chicago, the library of the Chicago Art Institute (probably the best in the Midwest), and the art library of the Milwaukee Public Library, which is surprisingly good. These combined library resources, as well as our inter-library loan facilities would permit the student to perform the scholarly research necessary to obtain a strong M.A. degree.
- Slide Collection. We now possess some 65,000-70,000 slides and we make on the average of 600-800 slides weekly. We are also developing a substantial photograph collection and we make an equal number of these a week. Since the Department of Art History has a full-time photographer on its staff, there will be no problem in making the slides and photographs needed for new courses.
- Gallery. The department operates a gallery in which we arrange frequent exhibitions of works of art. We consider the gallery a laboratory where students can experience and study at first hand original paintings and statues and where they can learn museum techniques.
- b. The resources in related fields of the university, such as the History Department, the Art Department and the various language departments, are more than adequate to permit superior training in graduate work in art history. The History Department offers a wide range of courses covering all periods and its library holding is impressive. The Art Department is well equipped to teach our students drawing, design and historical techniques as well as to supplement our exhibition program with one of its own in the School of Fine Arts gallery. Finally, German, French, Italian and Spanish are among the languages offered at levels that will permit M.A. students in art history to acquire these as tools for research.

- c. (1) The M.A. program can be inaugurated in the fall of 1968 without increasing our existing resources. We have, however, already begun to re-organize our course structures and offerings. We have arranged the beginning courses in art history to include discussion sections so that they are taught by both our regular faculty and teaching assistants. Our present teaching assistants will be replaced by graduate teaching assistants. These will be sufficient to begin our M.A. work. We will also re-distribute faculty teaching assignments so that they would teach both undergraduate and graduate courses. On a limited basis this is what we do now in courses that are open to Art Department graduate students.
- (2) It is a general policy of the UWM administration to increase the allocation of funds to departments where need arises from increased enrollments. The Department of Art History has currently a total yearly enrollment of more than 1000 students and has been growing steadily. As our survey courses grow in number we will request additional graduate teaching assistants. The survey course is part of the group requirements in the humanities for all students in the College of Letters and Science.
- (3) Given the general trend in Art History Departments throughout the country, I can predict that both our undergraduate and graduate student enrollments will increase appreciably over the next few years. Because of this and because we wish to develop a fine M.A. program, the number of courses we offer will be broadened. As the need arises, we will ask for more graduate faculty positions.
- (4) At the moment we have not requested support from the national government or from foundations. It seems to us wise to delay doing so until our M.A. proposal has been approved. When it is, we shall make applications to the National Humanities Foundation, to the Kress Foundation and to other foundations. On the other hand, we have had some success in receiving small amounts of money from private individuals in the community to invite scholars and museum curators to give lectures and to hold art exhibits, and we are currently attempting to develop a council of private citizens interested in art history who may help us raise large sums of money for fellowships, books, equipment, endowed chairs, as well as for long range lecture series and exhibition programs.
- d. The net cost of beginning the program will not exceed our present budget allocation (capital: \$3000; supplies and expenses and other miscellaneous: \$3800; student help: \$2500; teaching assistants: \$6000). The increases we normally receive each year, according to need, will no doubt continue to help support the growth of our program.

5. Interest and support on the part of administration, faculty, and citizens

The administration at UWM has shown great interest and support in our efforts to develop an M.A. degree in art history. The evidence for this is the way in which we have grown in terms of the quantity and quality of our staff and in our facilities. We have been given substantial funds to buy equipment for the slide room and for the photographic laboratory and to set up our gallery. Obviously, it is only such with exceptional administration support that we could have come this far towards an M.A. degree in art history. The faculty, too, has shown interest in our work by counseling students into our courses; while public attendance at our events, including public lectures and exhibitions, has been exceptional.

November 28, 1966

Dr. Jack Wasserman
Art History Department
UNIVERSITY OF WISCONSIN-MILWAUKEE
3200 North Downer Avenue
Milwaukee, Wisconsin

Dear Dr. Wasserman:

We appreciate your meeting with us recently to discuss some problems which we encounter in serving the needs of our community in art appreciation and some of the ways in which we might develop cooperative solutions to these problems. It is very obvious to us that the University of Wisconsin-Milwaukee could vitally assist us through offering a graduate course in Art History.

Here, in brief are some of the benefits which could accrue to us from the development of such a program:

1. Lecture Staff - At present, we cannot fulfill adequately the demands from our own membership as well as the community-at-large to provide lectures in art history. Graduate students and your faculty could augment this staff considerably.
2. Research - Our curatorial staff has an ever-increasing problem keeping pace with research on our growing permanent collection and our exhibitions. Valuable assistance could be effectively provided by candidates for a Master's Degree in Art History.
3. Guiding Services - Increasing demands are being made for tours and group studies of our collections and exhibitions by professionals in art. Our Docents are well-equipped to handle general school and adult tours, but the art history oriented visits could well be conducted by well trained graduate students.
4. Docents Training - Our Docents receive training in Art History; workshops in media, teaching skills and techniques; briefings on current exhibitions, and undertake individual research in these areas. Their basic role is to serve the needs of art appreciation in the schools and community. In this program, we constantly need staff well trained in Art History to train as well as assess research.
5. Staff - Trained museum personnel are in short supply, not only at the Milwaukee Art Center and our new museum of the decorative arts, but across the country. The need for training programs is great and we would be happy to cooperate with the University in establishing one here. However, the Master's Degree in Art History is a prerequisite for any such program.

Dr. Wasserman -2

We hope that this serves as a summary of our plea to the University in offering a graduate program in Art History. Conversely we feel that the University itself can benefit from participation in our program and contributing significantly to its growth.

Sincerely,

s/Tracy Atkinson
Director

TA/lkp

Approved by Madison Graduate
School Administrative Committee
December 12, 1967

PROPOSAL FOR M.A. DEGREE
IN PUBLIC POLICY AND ADMINISTRATION

It is proposed that a Master's Degree in Public Policy and Administration be established and that it be awarded through the newly organized Center for the Study of Public Policy and Administration.

The program and degree under consideration is not really a new undertaking of the University. We have always assumed an obligation to prepare a number of graduate students as potential administrators in government, through Political Science-Public Administration courses and work in other Departments. At present we are redeploing resources to give more attention to the efforts needed in training prospective government career administrators. Our objective is greater emphasis on identification and common bonds of interest among potential government career administrators in a program that also permits specialization.

The following is a summary of our plans in restructuring of present public administration work. We have followed the Outline for New Programs merely to show better the broad dimensions of our objectives.

1. Description of Program

A. Government service requires individuals with intensive specializations. Government service also requires individuals with and without a specialization who can ask critical questions and sense the broader impacts of individual decisions. People with such skills develop in different ways. This program is designed to assist such development through (1) understanding of American government institutions and traditions; (2) analyzing diverse characteristics and meaning of administrative organization and bureaucracy; and (3) bringing diverse data to bear on policy development. Each student would also give consideration in depth to a particular policy area. We would expect to train students through consideration of major real problems facing government today, the state of knowledge in the field, and the analytical possibilities towards solution.

B. The Center and this degree are the outgrowth of discussions within the University with State capitol officials over several years that then culminated in the appointment of the Committee on Interdisciplinary Education and Training Program for Public Officials. The Committee reported to Vice President Clodius last December 1966.

At least as far back as the 1920's, the Department of Political Science has awarded M.A. degrees for graduate work that emphasized public administration and policy for individuals interested in government careers.

Other departments have given master's degrees for more or less specialized programs that would train for government service. These programs have included professional training such as in the Social Work program or a subject specialization such as economics that for years in the past also contained a general policy element in the fields of labor, public finance or industrial organization. The Center's program is intended, on both the research and training side, to strengthen an interdisciplinary approach to public policy and career training.

EXHIBIT G

C. It is planned that the Center will conduct an on-going interdisciplinary program of research and training that will bring together faculty members and students with diverse interests and training who are concerned with public policy especially, but not exclusively, at the state and local levels and in their intergovernmental dimensions. The Center's program is expected to provide an opportunity for a further dimension to programs now present in Urban and Regional Planning, Social Work, Water Resources Development, and other departments where a significant number of graduates expect to go into government service.

2. Specification of Need

A. Individuals in Wisconsin State government have urged the University for some years to expand its efforts in providing graduate work for prospective State government employees. Urban manpower needs have been the subject of a major study. A Report of the Municipal Manpower Commission estimates that between 1960 and 1988 the local governments in the United States will increase their administrative, professional, and technical personnel by 400,000 (excluding school employees) from the estimated 230,000 employed in 1960.

B. The U.S. Congress in its concern for more and higher quality governmental employees has proposed a National Intergovernmental Affairs Council to advise the President on assisting States and local communities in developing manpower resources to better discharge their responsibilities. Further legislation was introduced in the Intergovernmental Personnel Act of 1966, "which among other things would extend state merit systems to additional Federally financed programs; provide grants for the improvement of State and local personnel administration; authorize Federal assistance in training State and local employees; and provide grants to State and local governments for training employees." President Johnson in a speech at Princeton University on May 11, 1966 also voiced his concern with a need for more and higher quality government employees:

"I also intend next year to recommend to Congress a program of expanding opportunities for those who wish to train for the public service. We will assist:

--students planning careers in Federal, state or local governments;

--colleges and universities seeking to enrich their own program in this field;

--state and local governments seeking to develop more effective career service for their employees."

C. Trends in Government Employment: Between 1947 and 1964 Federal government employment rose from 1,892,000 to 2,348,000. During this same period, the number of State and local government employees doubled from 3,582,000 to 7,156,000.¹ The Civil Service Commission in its projections of Federal employment finds that the composition of the work force is changing, with rapid growth

¹Manpower Report of the President (March 1965), p. 233.

in the professional, administrative, and technical occupations with little or no change in clerical. For the years 1966-69 the Commission expects large gains in the higher graded occupations.²

D. It is hoped that the Center's plans to support research in related areas will assist students both in understanding methods of investigation for administration and public policy and in the substantive findings. For example, an early effort is intended to deepen our knowledge of conditions (employees, organization, structure, etc.) that promote innovation in administrative agencies and that promote agency adaptation of research findings to program development and administration. We hope to give a flexibility and focus to this M.A. program that will be more relevant to needs of general government administrators than is true of existing departmental M.A. programs that are often tailored to the Ph.D. candidate and with an emphasis on research methodology.

3. Student Demand

Part of the hope in the establishment of a formal program with a degree and the establishment of fellowships is to interest qualified students in a field that is currently in need of more and better qualified candidates.

One indication of student interest is the present enrollment of 36 students in Political Science 878, the general graduate course in Public Administration. Although, perhaps, half of these students are seeking the Ph.D. and are not candidates for government service, we have at least 15 to 20 in the group who are likely to enter government service at some time. We believe the University would be training two or three times that number within the next few years in a degree program such as is now proposed.

4. Institutional Capability

In view of the University's previous interest and work in the area of general training for government service, the program would largely require continuance in such areas as the library. A number of present faculty members are now teaching courses in Political Science, Economics, Sociology, Computer Sciences, and in other departments that have importance for this program. Such present faculty and courses will be fully utilized. As the program meets its objective in attracting more students with a government service interest, some expansion would be needed in numbers of faculty and to a small extent in space and equipment.

The University budget for 1967-69 includes initial funds for the Center.

In addition, it is believed that the Congress will almost certainly pass legislation within the next year or two that will add substantial support. An application to the Ford Foundation for support of research has been approved and will aid the research aim of the Center program.

Cost Estimates: The current budget includes \$54,870 for the 1968 fiscal year and \$175,948 for the 1969 fiscal year. It is estimated that as the Program gets under way \$425,000 will be required annually to provide more fellowship

²Civil Service Commission, Federal Work Force Outlook, Fiscal Years 1966-69.

support to attract students and to provide opportunities for a few top administrators each year to spend a year at the University participating in a special seminar arrangement and working on problems in their field away from the job, in addition to some funds for a few faculty positions in related research and teaching. (Note: About 1/4 to 1/3 of the funds included above are expected to be used in University Extension to meet demands for non-degree courses desired by government agencies and employees.)

5. Admission

Standard requirements of the Graduate School for a Bachelor's Degree in an accredited institution with a cumulative grade point average of 2.75. Students would be welcomed regardless of undergraduate major although if there were little or no previous work in the social sciences individuals might be advised to take more than the minimum graduate degree credits.

6. Degree Requirements

The earlier Committee recommended, and we now propose, a requirement of 30 credits for the M.A. degree with 18 credits in the area of specialization and an additional 12 credits spread to provide technical or substantive courses to fit the individual student's need. We plan to use courses now available in the several social science departments, in statistics, in computer science, and in the sciences where applicable. New courses will be added slowly as experience suggests the inapplicability of present courses or the absence of needed courses. We do expect over the next two or three years to propose between one and four courses that would constitute a common core for all of the program participants. Even here at the beginning, we will probably use the existing graduate course and seminar in Political Science.

Our emphasis then is providing a Center through which students from a variety of undergraduate majors may strengthen their understanding of government administrative processes and government policy-making. The research of the Center will be directed along the same lines.

7. Interest and Support of Administration, Faculty and Citizens

We have already discussed under 2A and 2B the interest of some state government officials and administrators in the development of this program. It might be added that not only did the present Governor take a personal interest in its establishment but that most governors in the last 20 years have expressed interest in the desirability of the University expanding in this area. President Harrington, Vice President Clodius, as well as the appropriate Chancellors and Deans have expressed their unqualified support. Wisconsin citizens have traditionally prided themselves on the service of the University to the State in preparing future government administrators or in furthering the education of present state employees. Although the Center Program will not be limited to present or potential state administrators, it is hoped it will provide a substantial number.

Reroofing of Campus School, Kenwood Campus,
UWM - Contract Awards & Cost Schedule

BUSINESS AND FINANCE COMMITTEE

That, subject to the approval of the Governor and the State Director of Engineering, contracts for Reroofing of the Campus School, Kenwood Campus, University of Wisconsin - Milwaukee (Project No. 6709-18) be awarded to the low bidder in each division of the work on the basis of the base bids; that any Vice President, the Associate Vice President, or any Assistant Vice President of the University be authorized to sign the contracts; and that the following schedule of costs be approved:

General Roof Work

F.J.A. Christiansen Roofing Co., Inc.
Milwaukee, Wisconsin Base Bid No. 1 \$13,542.00

Asphaltic Insulation

Mendius Associates
Hodgkins, Illinois Base Bid No. 2 \$10,620.00

Schedule of Costs

Total Construction Contracts	\$24,162.00
Roof Drain Edge Remodeling, etc., by UWM	7,700.00
Design and Supervision	4,000.00
Contingencies	<u>4,138.00</u>
Total Schedule	\$40,000.00

Source of Funds: University of Wisconsin - Milwaukee
Maintenance Funds - 20.830(1)(a).

Item II, 2, a

2/16/68

EXHIBIT H