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Section I of Minutes of December 6, 1968 Meeting (Consisting of Minutes Proper.) (See Section II for EXHIBITS A through P.)

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

University of Wisconsin - Milwaukee

Held in the Main Conference Room, Chapman Hall

Friday, December 6, 1968, 9:05 A.M.

President Gelatt presiding.

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

ABSENT: None

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Upon motion by Regent Sandin, seconded by Regent Friedrich, it was VOTED, That the minutes of the regular meeting of the Board held on November 1, 1968, be approved as sent out to the Regents.

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President Harrington reported that Vice President Clodius was absent due to the flu and would not be present for this meeting.

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REPORTS AND RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

President Harrington presented the list of Gifts, Grants, and U. S. Government Contracts, copies of which had been sent to the Regents in advance of this meeting. He called attention to the summary on page 27; and noted that for

the second time this year the total amounts received were ahead of the amounts for the comparable period for the preceding year. However, he noted that we remain behind in the amount of funds received for this year and stated that we would probably continue to do so. He explained that we were catching up partly because of receiving funds that had been held back by various government saving programs for which funds were now being released. He noted that there was considerable concern about funds from government programs, because of the Vietnam War and the uncertainty as to when it might end. President Harrington noted that there had been considerable discussion regarding the possible relationship of the new Nixon administration to higher education; and he expressed pleasure that President-Elect Nixon had appointed as his Chief Science Advisor, Dr. Lee DuBridge, President of the California Institute of Technology. He noted that Dr. DuBridge had received his Ph.D. from the University of Wisconsin and had also been on the Wisconsin faculty.

Regent Pasch referred to the unrestricted gift from Standard Oil (Indiana) to be used for making awards to members of the faculty in the undergraduate schools in recognition of excellence in teaching; and he inquired whether these awards were similar to the Steiger and Kiekhofer Teaching Awards. President Harrington explained that they were somewhat similar, but that the amounts of the individual awards would not be as large. He stated that these funds would provide a greater number of awards, but in smaller amounts; and stated that these funds were a useful addition to the various awards that we are already being given. He explained that this unrestricted gift had not been specified for this purpose by the donor, but that it had been felt that this would be a useful purpose for it.

Upon motion by Regent Werner, seconded by Regent Pasch, 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 recommendations relating to the Report of Personnel Actions By The President of the University, and to the Report of Non-Personnel Actions by Administrative Officers and of Informational Items.

Upon motion by Regent Werner, seconded by Regent Sandin, it was VOTED:

1. That the actions by the President of the University since the last meeting of the Regents, relating to appointments, resignations, leaves of absence, and changes of status of faculty personnel with rank less than that of Associate Professor and other non-classified civil service personnel with salaries at the annual rate of \$13,600 or less, on file with the Central Business Office, and to tuition remissions, be approved, ratified, and confirmed.

2. That the Report of Non-Personnel Actions By Administrative Officers To The Board Of Regents And Informational Items Reported for The Regent Record (EXHIBIT A attached) be received for the record; and that actions included in the report be approved, ratified, and confirmed.

President Harrington noted that the first several items on his report related to building projects. Copies of data sheets containing project estimates, time schedules, and outline specifications for the various building projects were distributed to the Regents.

The following recommendation was presented:

That the final plans and specifications be approved and authority be granted to advertise for bids for the Wisconsin Union South Project - Madison Campus.

Madison Campus Architect Donald Sites showed a model of the proposed Wisconsin Union South Project, showing its location on the north portion of the block bounded by North Randall Avenue, West Johnson Street, and North Orchard Street and West Dayton Street. He explained that the final plans and specifications were essentially unchanged from the preliminary plans and specifications. He described the facilities that would be included in this project. Referring to the data sheet that had been distributed, he noted that the cost of this project, exclusive of the cost of land, was \$3,461,250; that the bids would be received January 30, 1969; and that the estimated date of occupancy was December 30, 1970. He explained that the south half of the block in which this project is to be located has been reserved for the site of a future Physical Science Library. Regent Werner inquired why it was necessary to wait until December 23 to advertise for bids. He noted that this would result in the bids probably having to go to the Executive Committee of the Regents for approval of the awarding of contracts, because the recommendations for the awarding of contracts would probably not be ready for action by the full Board of Regents at the February meeting. Mr. Sites explained that there was still considerable work involved in completing the plans and specification documents for bidding purposes. He agreed that an attempt should be made to try to set an earlier bidding date.

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

The following recommendation was presented:

That the preliminary plans and specifications be approved and authority be granted to prepare final plans and specifications for the Muscle Biology Research Laboratory - Madison Campus.

Mr. Sites explained that this project was a three-story addition to an existing building, and showed the location of it on a drawing of the campus of the College of Agricultural and Life Sciences. He showed sketches of the addition. He referred to the time schedule in the data sheets that had been distributed, noting that occupancy was estimated to be about February, 1970. He explained that the estimated cost of this project was \$625,000, with funds being provided from University Hill Farms Receipts and from a Federal grant.

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

The following recommendation was presented:

That a revised site for the Madison Ice Skating Facility in the northern part of the 800 Block on the South side of West Dayton Street be approved; and that, when the project is ready for construction, Wisconsin University Building Corporation be directed to convey title of the land in that block, except the Wisconsin Press Building at 114-16 North Murray Street, to the Regents and to permanently charge the cost of the land to the funds advanced to the Corporation by University Residence Halls for the interim financing of student housing projects.

Mr. Sites explained that this project had been before the Regents previously; and that the Regents had previously approved a site immediately north of the Camp Randall Memorial Practice Building. He pointed out the previous site on an aerial photograph. He explained that the revised site was being recommended because of studies that are being made with the State Bureau of Engineering regarding the relocation of traffic from University Avenue, with the feeling that the Camp Randall piece of ground should be held open for some facility other than the Ice Skating Facility. He pointed out that the revised site was in the 800 Block on the south side of West Dayton Street, immediately east of North Park Street, which he explained was being recommended primarily to give a recreational facility on the east end of the campus, which is rather desperately in need of recreational facilities. He stated the estimated cost of this project was budgeted at \$679,000.

Regent Pasch inquired whether it was contemplated that it could be used for anything other than ice skating. Mr. Sites explained that it could be used during the summer for some other uses such as basketball, badminton, and various other forms of recreation, but that the people interested in using it for ice skating were rather confident that it could be made useful for that purpose for roughly twelve months of the year.

President Gelatt inquired whether there was any Intercollegiate Athletic Fund money in this project; and Mr. Sites replied in the negative, explaining that it would come from State money, with a portion coming from student fees, but he noted that earlier it had been contemplated that Intercollegiate Athletics would pay the entire cost.

Regent Renk inquired whether this facility would be only for the use of students, or whether the public could also use it. President Harrington explained that the position of the University was that it was desirable to make the Madison Campus facilities available for use by the public if it does not conflict with student use. Therefore he said the Madison Campus would allow nonstudent and nonfaculty use, unless there was too much use by them to make it possible.

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

President Harrington asked Associate Vice President Wallace Lemon to explain the following recommendation:

That the administration be authorized to negotiate with Wisconsin Alumni Research Foundation for the exchange of the approximately three acres of land owned by Wisconsin Alumni Research Foundation, which is located on the west side of Walnut Street and immediately north of the road leading from Walnut Street to the Forest Products Laboratory, for the approximately three acres of land owned by The Regents of the University of Wisconsin, which is located immediately north of the aforesaid land owned by Wisconsin Alumni Research Foundation and south of Observatory Drive extended west beyond Walnut Street.

Associate Vice President Lemon pointed out on a map the locations of the two parcels of land, owned by Wisconsin Alumni Research Foundation and by the University, referred to in the above recommendation. He explained that the site proposed to be conveyed to Wisconsin Alumni Research Foundation would be used by the latter for the construction of a building which would be used partly by Wisconsin Alumni Research Foundation and partly by the University. Regent Renk inquired whether there was any exchange of money contemplated in this transaction; and Associate Vice President Lemon replied in the negative, stating that it would be merely an exchange on an acre for acre basis.

Regent Renk moved approval of the above recommendation, the motion was seconded by Regent Sandin, 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 Central Power Plant.

Chancellor Klotsche referred to the data sheet, copies of which had been distributed to the Regents, showing the time schedule for this project and

the estimated project budget, which totaled \$5,600,000. He noted that the chillers, the boilers, and the mechanical equipment had already been ordered. He asked Mr. William Murphy, Milwaukee Campus Director of Planning and Construction, to explain the project and particularly to discuss the question of the height of the smoke stacks.

Mr. Murphy showed the site of the project on an aerial photograph, showed floor plans, elevations, and a model of the project. He explained that the question of the height of the smoke stacks had been carefully studied in connection with the problem of air pollution. He pointed out that the power plant would be operated with gas as fuel for forty-nine to fifty weeks of the year, with oil being used for a couple of months in the winter, with the result that it would not be necessary to have a highrise stack because the only waste would be sulphur dioxide fumes and there would be no solid waste particles which would require a high stack for dispersal of solid wastes. He pointed out the three short stacks on the model, which were proposed to be used, and also showed, with the model, a model of a 350 foot stack.

Regent Friedrich inquired whether the three short stacks would comply with the county ordinances; and Mr. Murphy indicated that the State Bureau of Engineering had assured them that they would. In answer to questions by President Gelatt, Mr. Murphy explained that the gas line to the power plant would be brought from Maryland Avenue through a tunnel; that the proposed site for the plant was away from the center of distribution because the main portion of the campus was heavily populated resulting in there being inadequate space in the main portion of the campus for the plant; and that the Bureau of Engineering had assured that the efficiency of the plant would not be affected by its location, since the distribution lines would be of the same length regardless of the location of the plant.

There was discussion of the reasons for using gas rather than coal as fuel for the power plant. It was explained that the proposed use of gas was largely a matter of economy rather than a matter of lessening air pollution, and was based on a study made by the State Bureau of Engineering. It was pointed out that the original power plant at Madison, as well as the newer one, used coal as fuel, but that gas was rapidly becoming more economical, and more available, which was not true when the Madison Campus Power Plant was constructed. Mr. Murphy explained that the oil to be used for fuel in the several winter months would be brought in by tank cars once a year and stored in tanks in the basement of the plant.

President Gelatt inquired whether the State Bureau of Engineering had a preference for a high smoke stack or the proposed short ones; and Mr. Murphy indicated the preference of the State Bureau of Engineering had been for the 350 foot stack.

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

President Harrington asked Chancellor Wyllie to explain the following recommendation:

That, upon recommendation of the University Committee of The University of Wisconsin - Parkside, the building at the University of Wisconsin - Parkside presently known as the Surge Building be named Tallent Hall, for Bernard C. Tallent, the first Dean of the Kenosha Center.

Chancellor Wyllie explained that the proposal was to name the second building, now under construction on the Parkside Campus, Tallent Hall, for Dean Bernard C. Tallent, formerly of the University Center System, who died in 1965. He reported that this proposal to name this building Tallent Hall came from civic groups in Kenosha.

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

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

That Madison Faculty Document 226, as amended and approved by the Madison Campus Faculty on October 14, 1968, (EXHIBIT B attached), comprising faculty legislation on student discipline in conformity with Chapter V of the Regent By-Laws, be approved with the understanding that it will be codified in the proper form for inclusion in the University Rules and Regulations.

Chancellor Young stated that Madison Faculty Document 226 was self-evident, and resulted from the action by the Regents setting up guidelines for disciplinary procedures on the various campuses. Regent Nellen inquired whether the guidelines adopted by the faculty in this document were consistent with the rules adopted by the Regents in all respects; and Chancellor Young stated that he believed that they were.

Referring to Paragraph F. on Page 4., of Madison Faculty Document 226, Regent Ziegler inquired whether that meant that we would be governed by due process procedures as used in the civil courts. Chancellor Young replied in the negative, stating that our procedural rules are not the rules used in the courts. President Gelatt called attention to the recently issued "General Order On Jurisdictional Standards of Procedure and Suspension in Review In Some of the Tax Supported Institutions of Higher Education," issued by the U. S. District Court for the Western District of Missouri. He recommended that it be brought to the attention of the faculty because it makes it quite clear as to the difference between student discipline cases and the criminal law, and also speaks to some degree to the question of what due process is. He read the following sentence from page 6 of the Memorandum attached to that General Order as follows: "The

discipline of students in the educational community is, in all but the case of irrevocable expulsion, a part of the teaching process."

Regent Renk inquired how many members of the faculty were present when Document 226 was approved. Chancellor Young estimated that there were approximately 400 faculty members present, to which Professor Loomer, who was present at this meeting of the Regents, agreed. Regent Renk inquired as to what was being done to get more attendance at the faculty meetings so the Regents would receive more representative recommendations from the faculty. Chancellor Young explained that faculty members were being encouraged to attend the faculty meeting, but, more important, that the Madison University Committee was studying the possibility of establishing a Faculty Senate which would provide better representation of the faculty. President Harrington pointed out that the discussion of the possibility of a Faculty Senate was not just in the future, since it should be remembered that this had been done on an all university basis with the establishment of the University Faculty Assembly. He pointed out that Faculty Senates have already been established for University Extension and for the University Center System, and are being considered as a possibility for both the Madison and Milwaukee Campuses. Regent Renk stated that he was glad to hear that, since it bothered him to have important recommendations come to the Regents from faculty meetings at which there were only about 100 faculty members in attendance.

Regent Nellen, referring to Sections A.5.(a) and (b), on the first page, of Madison Faculty Document 226, inquired who had the discretion to make the determinations set forth in those sections. Chancellor Young stated that his interpretation was that the discretion was in the administration, chancellors and deans. He explained that the intent was to provide for immediate suspension in cases where there is continued disruption or threat of disruption, or where some person's behavior is such as to endanger the academic community.

President Gelatt noted that there was no reference in Madison Faculty Document 226 to the role of the Regents as specified in the code adopted by the Regents. He stated that he assumed that this was quite proper since the faculty did not set rules for the Regents, but he inquired whether the faculty was informed as to the Regents' role in student discipline. Chancellor Young explained that the Regent By-Laws, covering student discipline, had been circulated with this faculty document to the faculty; and Professor Loomer agreed that that was correct. President Gelatt stated that he brought this matter up only because he did not want a faculty member to be surprised, or astonished, or dismayed, if, through some unhappy circumstances, the Regents did invoke that portion of Section V of the Regent By-Laws which involves them directly and immediately in a disciplinary process. He stated that he did not want the lack of its mention in the faculty document to be an excuse for ignorance on the part of faculty members, and that he would assume that they were all aware of it and that they had raised no official objection. Chancellor Young stated that it might be well for him, at the next faculty meeting, to call this to the attention of the faculty.

Regent Renk inquired whether there would be a representative selection of students on the Committee on Student Conduct Hearings. Chancellor Young

supposed it was very difficult to say there was real representation since only two students are selected. He pointed out that the Wisconsin Student Association, the student government, like the faculty government, involves only a minority of the students in its participations. However, he pointed out that the Wisconsin Student Association did involve the interested minority of students; and stated that he did not feel more competent to pick representative students than the students. He also noted that the majority of the students have the opportunity to participate in the student government, but did not avail themselves of it. There was considerable discussion of the lack of participation in student government by the students, and of the indifference of most of the students to matters relating to student government. Chancellor Young pointed out, however, that he believed that there was concern on the part of the students for more representative student government in the sense that there should be more continuity and more participation. He referred to a meeting of the Senate of the Wisconsin Student Association held at Wisconsin Dells on a weekend during the early Fall, at which a number of the members of the University administration were invited to attend, and at which the students expressed the desire that members of the administration talk with them about ways in which they could strengthen the student government. Chancellor Young recommended approval of the above recommendation.

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

Referring to the heading "A Disciplinary Action by the Administration," on page. 1. of Madison Faculty Document 226, Regent Friedrich inquired as to how the administration was defined. Chancellor Young explained that it was the usual Regent definition of the administration, consisting of the President, the Chancellors, and the Deans.

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

President Harrington pointed out that this document had reference only to the Madison Campus; and that since about half of our undergraduates are on other campuses, we have the problem of seeing to it that all campuses have suitable rules and regulations. He asked Dr. Joseph Baier, Chairman of the University Faculty Council, and Chairman of the Milwaukee University Committee, to comment on what was being done in this respect on the other campuses.

Dr. Baier reported that, since the Regents had adopted Chapter V of the Regent By-Laws in mid July, he, as Chairman of the University Faculty Council, had directed a letter to all of the University Committees requesting them to review the guidelines on their respective campuses regarding student discipline to see whether or not they would fit in with said Chapter V. He also reported that, as Chairman of the Milwaukee University Committee, he had distributed this information to the deans and directors on the Milwaukee Campus and to the administrative committees. He noted that so far he had received several reports that their rules complied with Chapter V. However, he pointed out that the University of Wisconsin-Milwaukee faculty had not yet considered the provisions of Chapter V in terms of the entire Milwaukee Campus.

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

That the Regents approve in principle the recommendations of the Madison Campus Committee on Student Life and Interests, approved by the Madison Faculty on November 4, 1968, as reported in the Excerpt from Madison Campus Faculty Document 228 (EXHIBIT C attached), for inclusion in suitable form by the Codification Committee in the University Rules and Regulations - Chapter 5.

Chancellor Young explained that this document was the annual report of the Madison Campus Committee on Student Life and Interests; and he asked Mr. Paul Ginsberg, Chairman of that committee, to briefly explain what was included in the report. Mr. Ginsberg explained that it was believed that the point had been reached on the Madison Campus where it was necessary to create a more viable kind of committee structure to discuss and handle those kinds of issues and concerns that are applicable to the students, the administration and the faculty. He stated that the point had also been reached where there was very much concern with the dual role of administrators acting first in determining policy and then in implementing that policy. He explained that out of that came the discussion of the Crow Committee with other committees made up of faculty, students, and administrators, out of which then came the recommendation that the Student Life and Interests Committee be dissolved in its present form, and that a number of other committees be created to oversee, to discuss, and involve themselves in those issues that concern the students, the faculty, and administration. Mr. Ginsberg then briefly described the new proposed committees as set forth in Madison Faculty Document 228. He expressed the opinion that one of the major advantages of the proposed committee structure was the bringing of teaching faculty and students closer together in the evolution of policies relating to the noncurricular life on the campus. Referring to the reference in the document of moving toward the elimination of the in loco parentis role of the faculty, President Gelatt pointed out that a student is not legally emancipated until he is twenty-one years of age, unless his parents have actually emancipated him. Consequently, he said, there is a third party of interest in this matter, which consists of the parents. Noting that the Regents hear a great deal from the parents, President Gelatt stated that, as he had previously pointed out in April, on questions having to do with student rules, there must be some means whereby the voice of the parents is heard, whether it be in Regent meetings or in hearings at which parents are present. He suggested that, when parents send a student to the University and write to the Regents telling them that they should maintain over that minor the kind of discipline that they would have maintained over him at home, the Regents are faced with something of a dilemma when rules or methods of setting policies are established in which unemancipated minors partake in the policy determinations without consultation with their legal guardians. He expressed the opinion that the Regents would be overstepping the bounds of what they really have authority to do. Mr. Ginsberg expressed the opinion that the University was trying to build in the parental involvement in many areas of noncurricular life, such as the obtaining of parental permission for their sons or daughters to live in non-supervised housing if they have not reached a certain age. He expressed awareness of the necessity to build a

mechanism to include the voices of the many publics that are involved with the University of Wisconsin in these kinds of policy determinations.

Regent Ziegler noted the reference, on the bottom of page 2. of Madison Faculty Document 228, to the involvement of the faculty in the planning and coordination of cultural programs. He inquired as to who would give the faculty guidance in this area, whether this was something to be left to the discretion of the faculty, or whether the faculty would receive some direction from this Board or from the administration. Chancellor Young expressed the opinion that this was an appropriate role for the faculty to engage in. He stated that he felt that a faculty committee would be much more appropriate to evaluate the value of programs than he would be; and that he would depend very heavily on the faculty as a group to set the educationally related programs. Regent Ziegler suggested that, at the proper time, the Chancellor should sit down with the chairmen of the committees and discuss with them some of the things that he thought were involved as far as each committee was concerned. Regent Ziegler also suggested the possibility of having an informal session with those committee chairmen with this Board.

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

Regent Nellen stated that he really had not had much opportunity to study Madison Faculty Document 228; that it entailed a lot of changes in policies of the University; that he had some difficulty separating the recommendations from the comments; and doubted that he was prepared at this time to properly vote on it.

President Gelatt stated that what troubled him was the recommendation toward the elimination of the in loco parentis role of the faculty, which he believed was in opposition to the viewpoints that the Regents hear from the parents in the State of Wisconsin. He stated that he could not in good conscience vote for the principle of eliminating in loco parentis without at least discussion between the faculty and the parents who have expressed their concern. Mr. Ginsberg stated that the recommendation to move toward the elimination of in loco parentis applies only to Recommendation A. of the document, which recommendation he stated was the only substantive policy change involved, with the other recommendations being merely changes in the structure of committees, changes in registration requirements, etc.

President Harrington stated that there was no urgency in approving this recommendation at this meeting; and that he and Chancellor Young were in agreement that, if the Regents desired a longer period to study the document, the recommendation could be carried forward to the next meeting of the Regents.

Regent Pasch stated that, although he had spent some time and effort to study this document because he was interested in the subject matter, he felt that every member of the Board should have ample time to study and evaluate the document before voting on it. He stated that, with consent of the second, he would withdraw his original motion. Regent Friedrich withdrew his second to the

motion; and President Gelatt declared that the original motion was withdrawn.

Regent Sandin inquired as to the rationale behind withdrawing the academic eligibility requirements for participation in student organization activities. Mr. Ginsberg explained that the motivation for this change came from the student organizations, the majority of which now have their own eligibility requirements. He stated that the Committee on Student Life and Interests and the faculty concur that it is the student organizations that have the major responsibility to insure their continuance and frequency of operation, and that, therefore, they should set their own rules.

Regent Ziegler stated that he believed that the structural set-up of the committees as proposed in this document was very good, and would facilitate going to the proper source to find out what was going on. He stated that he believed that this was the kind of involvement that he believed the students wanted.

Regent Nellen inquired what in the document the Regents would actually be approving, since it included a number of recommendations as well as a great deal of discussion material. Chancellor Young stated that he believed that the faculty and the Committee on Student Life and Interests intended that the underlined material was the material to be approved, with the rest of the material in the document to be used for subsequent interpretation of the revised set-up.

Upon motion by Regent Werner, seconded by Regent Pasch, it was VOTED, That the recommendation relating to Madison Faculty Document 228 be laid over to the next meeting of the Regents.

President Gelatt reported on meetings of the Coordinating Council for Higher Education. He reported that the Coordinating Council met in Madison on November 8, and approved the recommendation of its Finance Committee, on the Biennial Budget Requests, which reduced the budget requests of the University by \$45,000,000. He explained that the approval came after an attempt by various members of the Coordinating Council to restore certain items such as an increase in salaries and an addition to the Agricultural College Research Budget. He reported that the budget requests were approved unanimously with the pledge that all members of the Coordinating Council would work intensively and actively for approval in the form by which it passed the Coordinating Council. He reported that the Governor's hearings on the budget requests would be held on December 18 in Madison. President Gelatt also noted that a conference set up by the Coordinating Council for Higher Education with reference to programs for the disadvantaged was held in Madison on November 21, 22, and 23.

Regarding the hearing on the University budget requests on December 18 before the Governor and Department of Administration representatives, President Harrington indicated that the hearing would last most of the day, and hoped that some of the Regents could attend that meeting, since it would be a meeting of

some consequences, because, in addition to the presence of the Governor, who must review the Coordinating Council recommendations, the meeting would also be attended by a number of Legislators, such as members of the Joint Finance Committee, and especially some of the leaders of the State Assembly. He stated that he anticipated that at that meeting the Coordinating Council would make an initial presentation, urging approval of its recommendations, and that representatives of the University would indicate some of the points where the cuts by the Coordinating Council would be most damaging to the University and would suggest that there be consideration by the Governor of possible restoration of some of those cuts. He noted that the meeting would cover the University Operating Budget Requests and also the Coordinating Council's action on budget requests for programs for the disadvantaged. He noted that the Coordinating Council would meet on December 12 to consider recommendations as to how much can be done in this area of the disadvantaged, for which the University was recommending somewhat over \$6,000,000 for the biennium. President Harrington noted that, in addition to cutting the University Operating Budget Requests, the Coordinating Council, in handling the building budget requests, had also made some cuts. He noted that the building budget requests had already been reviewed by the University Subcommittee of the State Building Commission, which would present recommendations for consideration by the State Building Commission on Friday, December 20. He noted that consideration by the State Building Commission would cover not only the two-year building proposals, brought forward by this Board, but also the matter of funds for the Medical Center.

President Harrington reported on the request to the Board on Government Operations for additional funds on account of enrollment of students in excess of the number estimated when the Legislative appropriations were made for this second year of the current biennium. He explained that the University had more students than anticipated and asked for more money from the Board on Government Operations, as did the State Universities. He noted that the request was basically for the increased enrollments on the new campuses, Green Bay and Parkside, and Milwaukee and the Center System, rather than the Madison Campus, where the enrollment was not quite what had been anticipated, there being more undergraduates but fewer graduate students than anticipated. He reported that, by a close division, the Board on Government Operations chose not to provide the additional funds at this time, either to the University or to the State Universities. He suggested that this was a postponement of approval, rather than a complete rejection of the requests. He reported that this matter would come up before the Board on Government Operations on December 12, and that the requests had the support of the Coordinating Council for Higher Education.

President Harrington referred to a recommendation in his report for changing the place of the April 11, 1969 meeting of the Regents from Milwaukee to Sheboygan. He explained that it had been suggested in informal discussions prior to this meeting that a meeting should be held in Sheboygan in July, 1969, rather than in April. Regent Werner indicated his approval of such a decision.

Upon motion by Regent Werner, seconded by Regent Pasch, it was VOTED, That the July 1969 meeting of the Regents of the University of Wisconsin be held in Sheboygan, with the exact date to be determined at a later meeting.

Noting that at a previous meeting he had indicated there was considerable pressure to have meetings of the Regents in new campus areas, President Harrington stated that the administration would bring in a recommendation at a later meeting for the place for the April, 1969, meeting of the Regents.

Regent Nellen stated that two items were tabled at the last meeting of the Regents with reference to the Rathskeller, in the Memorial Union, and to the Daily Cardinal. He indicated that he did not wish to activate these two items at this time, but wondered if it would be possible to have an interim report on them.

Vice President Robert Taylor reported that the Editor of the Daily Cardinal, the student chairman of the Cardinal Board of Control, and an attorney hired by the Cardinal Board of Control to advise it of its legal standing, met during the previous week with President Harrington, our counsel, Mr. Stathas, and himself, and had a very productive general discussion of this whole matter. He explained that the Cardinal Board of Control had informally acted to delay a decision (on proposals to be transmitted to the Regents with reference to the Daily Cardinal) until after the appointment of three new student members on the Board of Control, which would be done before the January Regent meeting, because the Cardinal Board of Control decided that it did not want to make a decision until the new members, who have to live with any policy changes, could be present to discuss it. He pointed out that the Regent resolution (adopted at the last meeting) had produced a sizeable amount of discussion among the Cardinal staff and Cardinal Board of Control, and had centered some attention on editorial content of the Daily Cardinal beyond the subject matter of the Regent resolution. Vice President Taylor pointed out that the Regent resolution had at least resulted in a lot of people talking about the general impact of the Daily Cardinal on the community and things of that nature. He also suggested that there was not a lot of time for long-range discussion with respect to goals, since the Daily Cardinal has a changing staff, with different persons on duty at any one time, and with all of them also attending school.

Regent Nellen inquired whether there was anything further to report on the legal obligation of the University to publish the paper on University grounds. Vice President Taylor indicated that no further investigation had been made of that matter.

Noting that he had read the Articles of Incorporation of the Daily Cardinal, President Gelatt stated that they indicated that the Daily Cardinal was incorporated by adult residents of Wisconsin, and then delegated to a non-adult body the selection of their successors. He questioned whether that was legal and whether a minor could serve in a corporate position. President

Harrington and Vice President Taylor indicated that that matter could be explored; and Vice President Taylor pointed out that the question had never been raised, as far as he knew, as to whether the Cardinal Board of Control was legally constituted; and he explained that the Articles of Incorporation were drawn up in 1938 by Professor Nathan Feinsinger, of the University Law School, and he imagined that Professor Feinsinger had probably looked into that question. Regent Pasch was of the opinion that, if the Board of Directors wanted to select someone as an officer of its corporation, who was a minor under twenty-one years of age, it would not jeopardize the legal standing of the corporation. Regent Renk stated that his interpretation of an editorial in the Daily Cardinal was that the editor practically defied the order of the Regents; and he inquired whether the Cardinal Board of Control intended to appear before this Board in January. Vice President Taylor stated that this was a question that they kept debating, as to whether they should or should not appear before the Regents, or whether there would be some other alternative. He pointed out that this was an awesome Board for even a group of fairly brash young people to appear before, and indicated that there was a great deal of hesitation about appearing before the Regents. President Harrington suggested the possibility of a group of Regents meeting with officers of the Daily Cardinal between now and the January Regent meeting, either as a preliminary to, or a substitute for, the requested appearance. Vice President Taylor assured the Regents that the three faculty members of the Daily Cardinal Board of Control, who are appointed by the Chancellor, would appear before the Regents, because they had been requested to do so. However, he pointed out the problem was that the faculty members of the Cardinal Board of Control have no control over the editorial content of the paper. Regent Renk stated that the Regents were not concerned with editorial content but rather with the matter of obscenity.

There was considerable discussion of the question of whether the Daily Cardinal had, or should have, a monopoly on the University Campus as a student newspaper, of the possibility of encouraging another student newspaper which would be more representative of the student body, and of the general question of control of student organizations on the University campus, including their special privileges on the campus.

There was discussion of the fact that some commercial printers refuse to print student newspapers when objectionable words are used. In response to questions, Vice President Taylor explained that the Daily Cardinal is printed by the University Typographical Laboratory. President Gelatt inquired whether that laboratory had any standards as to what it would print. Vice President Taylor replied that there had never, in the history of the Daily Cardinal that he knew of, been precensorship of what goes into it. Regent Nellen inquired of Vice President Taylor whether he felt that the Daily Cardinal was a student organization; and Vice President Taylor replied in the affirmative. Regent Nellen inquired why it was not subject to the same rules and controls as other student organizations. Vice President Taylor expressed the opinion that it was, to a considerable extent. He noted that it has been subject to the eligibility rules, subject to audit by the University Financial Advisor, and that the three faculty members on the Daily Cardinal Board of Control have veto power on any expenditure of funds, but that, with respect to editorial content, the Daily Cardinal enjoys

the same editorial freedom as other newspapers enjoy, which has been the tradition of the Daily Cardinal and of college newspapers in general. At the request of Regent Ziegler, the Secretary read the resolution adopted at the previous meeting relating to the Daily Cardinal. Regent Ziegler inquired whether the report made at this meeting by Vice President Taylor was in answer to that resolution; and Vice President Taylor replied in the negative, stating that he had just been asked for an interim report. In answer to a question, he stated that he would bring in a report at the next meeting of the Regents. Regent Renk pointed out that the resolution asked for more than a report. Regent Gelatt pointed out that the Regents had asked that the Cardinal Board of Control appear before the Regents; and stated that the Regents expected them to appear. Vice President Taylor indicated that the faculty members of the Cardinal Board of Control would appear before the Regents, but pointed out that the student members had not decided what their course of action should be. President Gelatt, speaking on behalf of the Board of Regents, stated that the Regents expected them to be here; that the Regents had issued a request; and that, although they might have a very good reason for not appearing, in which case they could supply the Regents with that reason, the Regents at the very least would expect a response in the same tone as the Regent request.

Regent Nellen requested a more legal opinion at the next Regent meeting as to what action the Regents could take to have the Daily Cardinal published somewhere other than on University property. President Harrington indicated that that would be included in the report at the next meeting.

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The meeting recessed for committee meetings at 11:12 A.M.

The meeting reconvened at 1:30 P.M. with President Gelatt presiding

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

ABSENT: None.

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President Harrington presented the following recommendation:

That the report "Traffic Safety Center, A Proposed Addendum to the 1969-71 Budget" (copy filed with the papers of this meeting) be approved, subject to the understanding that it is a supplemental budget request of \$320,000 for the 1969-71 biennium and follows in priority the improvement items contained in budget materials previously approved by the Regents; and that the report be forwarded, with a copy of this action, to the Coordinating Council for Higher Education.

President Harrington explained that the above recommendation covered consideration of a traffic and safety center proposal which had not been included in the regular biennial budget requests. He explained that it had been separated from the regular budget requests because the Coordinating Council had been working on this question for some months, and had made a specific request that the University take the responsibility for the state in developing a traffic safety center basically on the Madison Campus, but with connections with other parts of the University, especially University Extension, and subsequently with connections with the State Universities. President Harrington had distributed to the Regents copies of a brochure comprising the reports of the Coordinating Council for Higher Education on this subject (copy filed with the papers of this meeting). President Harrington asked Dean Kurt Wendt to explain this proposal.

Dean Wendt noted that work in traffic safety was a field in which the University had been very much interested over a long period of time. He pointed out that there was a great deal of work going on on the University Campus in many areas relating to traffic safety in one phase or another, in Engineering, Medicine, and Psychology. He referred to a report that the University had issued in 1966, which was a proposal for a full-scale attack on this problem involving a very large traffic safety center and research facility. He noted that the proposal involved an investment of about \$5,000,000 for facilities, with several hundred thousand dollars a year expenditure for operational costs and contemplating a research program costing in the area of 1-1/2 to 2 million dollars per year. He explained that, because of the magnitude of that proposal, it was not presented for approval, but efforts were still being made to seek outside support for such a facility and for a research program of that scope. He noted that there were various sources for funds for support of such a program, such as insurance companies, the automotive industry, the Bureau of Public Roads, the Federal Transportation Department, and from the State Highway Commission. He suggested that possibly some day such a program could be set up with matching money under which the state would be asked to provide two or three million dollars for establishing the facility.

Dean Wendt explained that the present proposal, resulting from a request by the Coordinating Council for Higher Education, was a much more modest approach to this problem. He explained the scope and organization of the program covered by the proposal referred to in the above recommendation. He noted that this program would, in its initial inception, involve the School of Education, the Medical School, and the College of Engineering, with University Extension being involved with respect to the dissemination of information. Dean Wendt pointed out that this program would be extremely important to the Medical School, and noted that Dr. Johnson, from the Department of Surgery, was present and would be glad to answer any questions the Regents might have from the medical side of the program. He explained that the Medical School was particularly interested in this program from the point of view of the study of trauma; and stated that a trauma center was contemplated not later than Phase I of the new Medical Center development. He explained the necessary interaction in such a program between people in engineering, medicine, and psychology.

There was discussion of other programs that were being carried on in this field, such as the University of Michigan, Cornell University, Ohio, and in England.

President Harrington explained that the additional budget request for this program amounted to \$320,000 for the biennium, \$139,000 the first year, and \$181,000 for the second year.

Dr. Johnson explained the various aspects of the traffic safety program which were of interest to the people in the field of medicine.

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

President Harrington noted that this recommendation, and the report, would now go to the Coordinating Council for Higher Education in answer to its request to the University for the submission of such a proposal.

At the request of President Harrington, Chancellor Klotsche introduced Professor Spaight, Special Assistant to the Chancellor of the University of Wisconsin-Milwaukee. Chancellor Klotsche explained that Professor Spaight would report on the UW-M program for disadvantaged students and on the proposed Center for Afro-American Culture at the University of Wisconsin-Milwaukee. A document on the latter item had been sent to the Regents with the agenda for this meeting, a copy of which is filed with the papers of this meeting.

Chancellor Klotsche explained that, as a result of some activities on the UW-M Campus last spring with the black students, some interesting things had been done on the Milwaukee Campus that he felt should be brought to the attention of the Regents. He explained that, following consideration by the faculty and administration of the Milwaukee Campus, he had asked Professor Spaight to come under his staff as a Special Assistant to work in that area. He explained that Professor Spaight had initiated and developed two programs, one relating to the admission and retention of high risk students and the other relating to the development of an Afro-American Culture Center.

Professor Spaight explained that his first job was in coordinating the experimental program in higher education for high risk students from disadvantaged backgrounds. He explained that, under that program, the University sometimes bends its rules with respect to admission requirements, but that for the most part these students have tremendous ability, at least enough ability to master collegiate level work. He also explained that for these students the University provides tutorial service, and intensive vocational counseling and guidance. Professor Spaight explained that his other job was as coordinator of the Afro-American Studies Program at UW-M. He explained that the UW-M faculty, last Spring, had approved the establishment of an Afro-American Culture Center for two reasons. The first of these was that there were numerous students, primarily in the School of Social Welfare and the School of Education, who desired to work in the inner city areas of this country and particularly the central city areas. He explained that many of these students had been graduated from the University ill-equipped to deal with the kind of massive problems that confront them in central city areas. The other reason was that many of the students at UW-M, blacks in particular, know very little about their cultural heritage, and it is desirable to correct that in order for them to feel educationally and psychologically whole.

Professor Spaight explained the structural organization and operation of the proposed Center for Afro-American Culture. He noted that the Center would not offer a degree and would not be a department like other departments, but would offer courses in Afro-American literature, Afro-American history, etc. It would be

available to students majoring in various other areas. He explained that the Center would not be a place where students could concentrate a majority of their studies, but would be a place to round out their studies and to make them better citizens as a result of going through such a program.

Regent Kahl inquired whether the Center was in operation with students participating in the courses. Professor Spaights explained that the fully structured Center would be operational in the next academic year, but that as a stop-gap measure, some course innovations in this area had already been provided in the curriculum of the Letters and Science College. Regent Kahl inquired whether such courses were being taken by students taking teaching training. Professor Spaights replied that quite a few of them were taking such courses, but that the largest concentration enrolled in these courses were from the School of Social Work to a somewhat greater extent than the School of Education.

There was discussion of the number of black students enrolled at the University of Wisconsin-Milwaukee, and of the percentage of the high risk students who were black and of where the various types of students in the high risk program come from. Professor Spaights explained at some length the difference between the two programs, the program for the disadvantaged high risk students and the proposed Center for Afro-American Culture.

President Gelatt thanked Professor Spaights for his report.

Regent Walker inquired as to the relationship of Dean Samuel Proctor to Professor Spaight's programs. President Harrington explained that Dean Proctor worked with the programs for the disadvantaged at all units of the University, since he was a member of the Central Administration. Regent Walker inquired whether such programs were as far along at Madison as they were in Milwaukee; and President Harrington explained that some of such programs at Madison were farther along because they had been started earlier.

President Harrington recalled that the Regents had given consideration and taken an action previously on the number of people that could be permitted to attend meetings of the Regents at Madison. He stated that, since we do have some Regent meetings outside of Madison, if there were no objections, the administration would bring in recommendations at a later meeting regarding the number of people to be permitted to attend Regent meetings outside of Madison. President Gelatt stated there would be no objection to such a recommendation being presented.

President Harrington distributed to the Regents a recently published tax credit pamphlet, to which President Gelatt had been one of the contributors. He explained that this referred to a proposal for giving tax credits for tuition payments made by parents.

Regent Renk recalled that, in connection with the discussion of problems in the Rathskeller in the Memorial Union, at the meeting of the Regents on November 1, Chancellor Young had indicated that efforts were underway to develop some new methods of control. Regent Renk noted that there had since been another incident in the Rathskeller. He asked Chancellor Young what developments had taken place since the last meeting of the Regents in this regard.

Chancellor Young reported that he had had a number of meetings with the staff of the Union; and that there had been a meeting of the Memorial Union Trustees at which the general problems of the Union were discussed. He noted that the Union has always had a very special relationship to the campus, and that there was a good deal of self-government involved in the operation and management of the Union. Chancellor Young explained that there had been considerable work done with respect to the matter of attendance in the Rathskeller, particularly regarding barring of high school students. He explained that this was being done with cooperation from the Superintendent of Schools of the City of Madison, and that letters had been sent out to about 15,000 parents asking that high school students not come to the Union. He noted, however, that some high school students still persist in coming to the Union and are turned away. He explained that the University likes to bring high school students to the campus and has encouraged group tours of high school students under supervision, but that the University does not want them to come on their own, particularly on weekends and during various social events, because of some of the problems that arise. He also reported that an increase had been made in the maintenance staff at the Union, particularly in an attempt to make the Rathskeller a less cluttered place, not in terms of people, but in terms of keeping the Rathskeller clean and uncluttered with food trays, etc. He pointed out that the Union management believes that the Rathskeller contributes very importantly to the total University community and should be maintained in the best way possible for that purpose. He reported on the recent episode where a nonstudent assaulted a member of the Union staff; and pointed out that it would be improper for him to recite his versions of the facts in that case, because of the possibility of jeopardizing any action taken against the individual involved.

He reported that the Director of the Union had asked the Union Council to formulate very clear rules that will make specific what the limits of free speech are at the Union. He submitted data as to the number of people using the University facilities, all of whom feel that it belongs to them in some sense or other. He stated that it was hoped that the absolute maximum freedom of use could be maintained for everyone, which meant that there must be some order and some allocation of the resources and some respect for whatever rules are established. He noted, however, that there are some people that believe that freedom means freedom for themselves alone; and stated that they must be convinced that that is not the way to carry on University activities.

Chancellor Young stated that he had the greatest respect for the Union staff, and the Union Council, which were working very hard on these problems. He also pointed out that the Memorial Union Trustees, people who have raised funds for the Union, particularly for the additions to the building, were also concerned with these problems. He reported that he had met with the Union Directorate and with the Union Trustees, who had told him that they would like to, if possible, meet with some of the Regents, at a time convenient to the Regents, for the purpose of discussing with the Regents their problems and to learn from the Regents what their reactions are to these situations.

Regent Renk inquired whether Chancellor Young felt he was getting full cooperation from the management of the Union. Chancellor Young replied in the affirmative, stating that Mr. Crabb, the Director of the Union, was working very hard to serve two masters, a situation which he felt should be recognized. He explained that the Union Council and the Union Director are responsible for programs; that the Union Council is the governing board of the Union itself; and that at the same time the Director was a University employee who was responsible through the Dean of Student Affairs to the Chancellor.

Regent Renk asked what was being done to require the obtaining of permits for guests at the Union. Chancellor Young explained that the Union Council was making a study of all of its membership problems. He pointed out that the problem was of outsiders who come in and want to use the Union as a base for some activity that violates the rules of the Union and disturbs other people. He noted that there was a conflict between keeping people out of the Union, and doing what we ought to be doing to bring people in who will abide by the purpose of the Union. He hoped that a way could be found of making the individual member directly responsible for his guests. He pointed out that the alternative would be to spend a great deal of money in checking people at the door, and creating an atmosphere that is less than welcoming.

Chancellor Young also pointed out the behavior of organizations, which sometimes take over a room in the Union without obtaining authorization on the grounds that they own the place. He stated something should definitely be done about this problem, since, if such organizations were really interested in the welfare of the Union and the University community, they would clear the use of rooms with somebody, rather than deliberately showing their insolence and disregard for the rights of others. He noted that such groups of students were in the minority, but created the kind of problems that irritate people, although they are not the most serious problems in the world.

Regent Ziegler inquired whether there were any published rules established by the Union Council regarding the use of the Union. Chancellor Young stated that he believed there were some, but that they were practically out-of-date. He noted that the Union Council recognized this problem and would be doing something about it. Regent Ziegler suggested that the Union publish a simple set of rules and have them adequately displayed in the Union on large plaques or distribute copies so that everyone would be aware of them. Chancellor Young expressed the opinion that there would be more rules promulgated, but pointed out that the danger of rules is that some people conclude that, if there isn't a specific rule prohibiting a particular activity, they can do it. Chancellor Young stated that we have done very well in a nonlegalistic way for many years, but agreed that it would be necessary to publish and post rules in some fashion regarding activities in the Union, which rules he pointed out would eventually have to come to the Regents, because only the Regents have the power to put the sanctions of the law behind the rules. Noting that some students were impatient and wanted quick action, Chancellor Young pointed out that these matters would take some time, but he was confident that they would be worked out.

President Gelatt asked if there was anything further to report on the drug traffic in the Rathskeller; and Chancellor Young stated that the only report he could make was the recent story in the newspapers regarding drugs in the Madison Campus area over several years, which reported that there were only something like twelve known cases among high school students. He explained that one of the procedures now was to warn parents against permitting their children to use the Union. He pointed out, however, that he would not know of a drug case at the Union until it was ready for indictment, because he was not privy, and did not want to be privy, to the narcotics agents' activities.

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President Gelatt presented the report of the Executive Committee.

Upon motion by Regent Werner, seconded by Regent Friedrich, it was VOTED, That the resolutions adopted by the Executive Committee since the November 1, 1968, regular meeting of the Board, as set forth in EXHIBIT D attached, be included in the record as official actions of the Executive Committee.

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Regent Pasch presented the report of the Educational Committee.

Upon motion by Regent Pasch, seconded by Regent Sandin, it was VOTED, That the action of the Regents on November 1, 1968, approving 1969-70 stipends for teaching assistants, research assistants, and project or program assistants, be revised as set forth in EXHIBIT E attached.

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Upon motion by Regent Pasch, seconded by Regent Friedrich, it was VOTED, That the proposal for a Master of Science program in Engineering and Area Studies (Latin America), College of Engineering and College of Letters and Science, Madison Campus (EXHIBIT F attached), be approved.

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

That the proposal for a Doctor of Musical Arts Program, College of Letters and Science, Madison Campus (EXHIBIT G attached) be approved.

Regent Renk inquired whether there were not now any doctoral degree programs in the Music School. Regent Pasch explained that there were not any in this particular phase of the program. Regent Walker inquired how much it cost to start such a doctoral program. Chancellor Young stated that we are told that it costs nothing to start a program at this stage, because we have all of the staff,

all of the courses are available, and it is not necessary to go out and make an initial investment. He pointed out, however, that, when such programs are started, the enrollment increases, requiring additional staff and equipment so that the costs actually do increase, although basically the program draws on existing resources. Chancellor Young explained that, in this particular program, the doctoral degree would be obtained through a series of performances rather than by writing a dissertation.

President Harrington explained that there was a distinction in establishing new doctoral programs as between the Madison Campus and other parts of the University. He explained that, since the Madison Campus has been a Ph.D. degree granting institution for about 3/4 of a century, and has long been known as one of the major centers for graduate work in the country, a doctorate in most fields and a new doctorate at Madison is likely to be a rearrangement of existing fields or a new emphasis or something of that sort. He pointed out, however, that new doctoral programs in some areas, particularly in the case of a new science area such as nuclear engineering, do result in increased costs in initiating the new programs. President Harrington stated that Ph.D. programs are being established on a selective basis at UW-M, with a total of about two dozen being contemplated. He also noted that ultimately the University will get into Ph.D. programs at the Green Bay and Parkside Campuses but with more selectivity with respect to particular specialties.

President Gelatt inquired whether there was now any Ph.D. degree program in music on the Madison Campus; and Chancellor Young stated that he believed there were Ph.D. programs in music history and music theory.

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 Sandin:

That the proposal for Master and Doctor Degrees in Plant Breeding and Plant Genetics, College of Agricultural and Life Sciences, Madison Campus (EXHIBIT H attached) be approved.

President Harrington explained that this proposal was an example of reorganization of existing fields.

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

Upon motion by Regent Pasch, seconded by Regent Friedrich, it was VOTED, That the proposal for Master and Doctor Degrees in Materials Science, College of Engineering, Madison Campus (EXHIBIT I attached) be approved.

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

That the proposal for the discontinuance of the Master of Science Degree in Foods and Nutrition at the University of Wisconsin-Milwaukee (EXHIBIT J attached) be approved.

In response to a question by President Gelatt, President Harrington stated that this recommendation would be reported to the Coordinating Council for Higher Education for its information.

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 Friedrich:

That transfer of jurisdiction for the Master of Science Degree in Engineering at UWM from the College of Engineering, Madison Campus, to the College of Applied Science and Engineering, University of Wisconsin-Milwaukee, be approved, as set forth in EXHIBIT K attached.

President Gelatt inquired whether the cost would be the same after the transfer of jurisdiction of this program. Chancellor Klotsche explained that a small appropriation was being requested for the improvement of this program at UW-M. In response to a question by President Gelatt, Chancellor Klotsche stated that this recommendation would be submitted to the Coordinating Council for Higher Education for informational purposes.

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

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

1. That Jackson J. Murphy be appointed Assistant Director of the Computer Center, University of Wisconsin-Milwaukee, effective December 7, 1968, at an annual salary of \$18,000.
2. That Solomon B. Levine be appointed Professor, Department of Business, School of Business, and Industrial Relations Research Institute, College of Letters and Science, and Assistant to the Dean, Office of International Studies and Programs, Madison Campus, effective January 1, 1969, at an annual rate of \$24,000.

Regent Ziegler stated that the salary proposed for Professor Levine seemed rather high for the assignment. Chancellor Young explained that the salary was established on the professorial salary basis, and that on the academic year basis it would not be much above the academic salary for full professors. He explained that Professor Levine was highly qualified for this position. President Harrington also commented on Professor Levine's high qualifications; and reported that Dean Henry Hill strongly recommended this appointment.

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

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

1. That the status of J. D. Kabler, Associate Professor, Department of Medicine and Assistant to the Coordinator, Regional Medical Program, Medical Center, Madison Campus, be changed to Director of University Health Services, Associate Professor, Department of Medicine and Assistant to the Coordinator, Regional Medical Program, Medical Center, Madison Campus, effective December 6, 1968, at an annual salary of \$24,000, with an allowable supplement of 20.83% under the Consultation Practice Plan.
2. That the status of Roy G. Francis, Dean and Professor Sociology, College of Letters and Science, University of Wisconsin-Milwaukee be changed to Brittingham Professor of Sociology, College of Letters and Science, University of Wisconsin-Milwaukee, effective with the 1969-70 budget year.

Chancellor Klotsche explained that Dean Francis had asked to be relieved of his administrative duties as dean so that he could go back to full-time teaching and research. He noted that Dean Francis had clearly established a reputation in the field of Sociology; that his appointment, as a Brittingham Professor of Sociology, was in line with the development on the University of Wisconsin-Milwaukee Campus to bring in special professorships such as the Pelton Professorship in Engineering and the proposed Eschweiler Professorship in Architecture. Chancellor Klotsche noted that the usual University procedures, including the appointment of a search and screening committee, would be followed in selecting a successor to Dean Francis, and stated that he hoped to have a new dean here not later than the 1st of July.

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

Upon motion by Regent Pasch, seconded by Regent Kahl, it was VOTED:

1. That John W. M. Rothney, Professor, Department of Counseling and Guidance, School of Education, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1968-69.
2. That Marjorie Ellen Kreilick, Professor, Department of Art, School of Education, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1968-69.
3. That Chester S. Chard, Professor, Department of Anthropology, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1968-69.
4. That John Charles Street, Professor, Department of Linguistics, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1968-69.
5. That Edith Lida (White) Kirchberger, Professor, Department of German, College of Letters and Science, Madison Campus, be granted a leave of absence, without pay, for the second semester of the academic year 1968-69.

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Upon motion by Regent Pasch, seconded by Regent Sandin, it was VOTED, That the retirement of J. Frank Wilkinson, Associate Professor, Department of Agricultural and Extension Education and Director of the Short Course Program, College of Agricultural and Life Sciences, Madison Campus, be accepted, effective September 30, 1968, and that he be designated an Emeritus Associate Professor.

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

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

1. Air Conditioning Commerce, Medical Science, and Mechanical Engineering Buildings, Madison
Project No. 6802-8
Bids 12/11/68

(MORE)

2. Chilled Water Distribution System - Phase 3, Madison
Project Nos. 6802-8, 6802-11, 6804-11
Bids 12/11/68
3. Medical Center Cafeteria Remodeling, Madison
Project No. 6808-3
Bids 12/11/68
4. Patient Care and Kitchen Remodeling, University Hospitals, Madison
Project No. 6801-8
Bids 12/18/68

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Upon motion by Regent Ziegler, seconded by Regent Walker, it was VOTED, That, as recommended by the Chancellor of the Milwaukee Campus, and concurred in by Central Administration, Gerald Kelly be deputized, effective December 6, 1968, for service as a Police Officer on the University of Wisconsin - Milwaukee Campus.

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Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Amendment to Cooperative Agreement with the U.S. Department of Agriculture (EXHIBIT L attached), the motion was seconded by Regent Walker, and it was voted.

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Upon motion by Regent Ziegler, seconded by Regent Walker, it was Voted, That the November 1, 1968 action, authorizing the President or Vice President and the Secretary or Assistant Secretary to sign options and deeds in connection with the University Avenue Development - Phase II, be amended with respect to Parcel 90, so that the grantee in the deed for said parcel shall be the City of Madison instead of the Chicago, Milwaukee, St. Paul and Pacific Railroad as originally requested by the State of Wisconsin, Department of Transportation, Division of Highways. (Copy of the revised deed on file with the papers of this meeting.)

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Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Increase in Schedule of Costs for New Fire Exits at Adams and Tripp Halls on the Madison Campus (EXHIBIT M attached), the motion was seconded by Regent Renk, and it was voted.

Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Contract Award, Passenger Elevator for the Science Complex at UW-M (EXHIBIT N attached), the motion was seconded by Regents Renk and Werner, and it was voted.

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Regent Ziegler moved adoption of the resolution of the Regents of the University of Wisconsin relating to the lease and sublease of a certain building project site, and the financing of said project by the Wisconsin State Agencies Building Corporation (Library Complex Building Project at 600 North Park Street, Madison-Interim Financing) (EXHIBIT O attached), the motion was seconded by Regent Walker, and it was voted.

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Regent Ziegler moved approval of the recommendation of the Business and Finance Committee relating to Award of Contract for the 600 North Park Street Building Project (EXHIBIT P attached), the motion was seconded by Regent Renk, and it was voted.

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President Gelatt announced that the Regents would go into Executive Session to discuss personnel matters; and stated that there was a strong possibility of a report being made following the Executive Session.

The meeting recessed for Executive Session at 3:02 P.M., and the Regents went into Executive Session at 3:08 P.M.

The Regents arose from Executive Session at 5:53 P.M.

President Gelatt reported that the Board of Regents, in Executive Session, had voted unanimously to approve the following recommendation of the Chancellor of the Madison Campus and the President of the University:

That the status of F. Chandler Young, Associate Dean and Professor, College of Letters and Science, Madison Campus, be changed to Vice Chancellor for Student Affairs and Professor, Chancellor's Office, Madison Campus, effective December 9, 1968, at an annual salary of \$25,000.

President Gelatt reported that the Board of Regents, in the Executive Session, also discussed items of mutual interest relating to personnel matters with several members of the Madison Campus Athletic Board and with Coach John Coatta, exchanged views with the members of the Athletic Board, and pledged full cooperation with the Athletic Board in its attack on the goal of restoring Wisconsin to competitive stature in Big Ten football.

The meeting adjourned at 5:55 P.M.

Clarke Smith, Secretary

Unrestricted

1. \$ 25.00 - Donald O. Barth, Bethel Park, Pa., an unrestricted gift to be matched by the Koppers Company, Inc., to be added to the President's Special Fund. (Trust)
2. 2,500.00 - Bethlehem Steel Corporation, Bethlehem, Pa., an unrestricted gift to be added to the President's Special Fund. (Trust)
3. 10,000.00 - Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois, a gift to be used for making awards to members of the faculty in the undergraduate schools in recognition of excellence in teaching - President's Special Fund. (Trust)

Instruction

1. 5,000.00 - The Ansul Company, Marinette, Wisconsin, a gift to be used by the Marinette County University Center for the development of special lecture and related programs at the Center. (133-5201)

Instruction

2. 510.00 - Department of the Air Force, 343D Fighter Group, Duluth, Minnesota. Provides for payment of tuition and fees for Air Force personnel for the period Sept. 1, 1968 through Aug. 31, 1969. Various Departments. Contract F21603-69-C-0089 (No Account No.)
3. 1,203.22 - Department of the Army, Office of Civil Defense, Washington, D. C. Program to conduct Civil Defense Training and Conferences at a cost of \$42,713.22 for a period terminating June 30, 1965. UWEX, Division of Liberal and Professional Education, Engineering. Contract OCD-PS-64-178, Mod. No. 3 (144-5398)
4. 42,000.00 - Department of Health, Education, and Welfare, Office of the Surgeon General, Washington, D. C. Cytotechnology Training Program for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Medicine, Preventive Medicine. Grant 57999-09-69 (144-9294)
5. - Department of Health, Education, and Welfare, Health Services and Mental Health Administration, Bethesda, Maryland. Changes award period to Sept. 1, 1968 through Aug. 31, 1969. Predoctoral Fellowship Award at a total cost of \$5,100. UW-MSN, Grad. School, Psychology. Grant 1-F1-MH-39839-01, Revised (144-9298)
6. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, in support of the following:
 - 1) (500.00)- Predoctoral Fellowship Award for the period Sept. 1, 1968 through Aug. 31, 1969 at a total cost of \$5,100. UW-MSN, Grad. School, Chemistry. Grant 1-F01-GM-41876-01, Revised (144-9306)
 - 2) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Aug. 1, 1968 through July 31, 1969. UW-MSN, Education, Physical Education - Men. Grant 1-F02-GM-41055-01 (144-9381)
 - 3) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Aug. 26, 1968 through Aug. 25, 1969. UW-MSN, Grad. School, Institute for Enzyme Research. Grant 1-F02-GM-33198-01 (144-9382)
 - 4) 1,000.00 - Special Fellowship Supply Allowance for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Oncology. Grant 5-F03-CA-35234-02 (144-9391)
 - 5) 1,000.00 - Special Fellowship Supply Allowance for the period July 1, 1968 through June 30, 1969. UW-MSN, Med. School, Medicine. Grant 1-F03-AM-33618-01 (144-9392)
 - 6) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Sept. 13 1968 through Sept. 12, 1969. UW-MSN, Agric. & Life Sciences, Veterinary Science. Grant 5-F02-AI-33906-03 (144-9403)

Instruction

6. (cont'd.) Department of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 7) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Oct. 2, 1968 through October 1, 1969. UW-MSN, Grad. School, Lab. of Molecular Biology. Grant 5-F02-CA-18203-02 (144-9414)
- 8) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. School, Oncology. Grant 5-F02-CA-21666-02 (144-9415)
- 9) 1,000.00 - Postdoctoral Fellowship Supply Allowance for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, L & S, Chemistry. Grant 1-F02-AM-36193-01 (144-9423)
7. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., in support of the following:
- 1) 1,200.00 - "Training Program for Directors of Educational Research" for the period June 1, 1968 through June 30, 1969 at a total cost of \$45,600. UW-MSN, Education, Educational Administration. Grant OEG-0-8-062095-3517(010), Revision #1 (144-8649)
- 2) 1,400.00 - An educational program for a group of ten (10) secondary school administrators and teacher educators from Venezuela under the International Teacher Development Program for the period Oct. 21 through Oct. 26, 1968. UWM, Education, Administration. Order No. OE-3024-99-9 (144-9422)
8. 3,000.00 - National Academy of Sciences, Washington, D. C. (Prime Contractor with the National Aeronautics and Space Administration). To defray costs in connection with a NASA International University Fellowship for the period Nov. 1, 1968 through Oct. 31, 1969. UW-MSN, Grad. School, L & S, Astronomy. Grant Letter Dated September 18, 1968 (144-9408)
9. National Science Foundation, Washington, D. C. in support of the following:
- 1) - Extends termination date from Oct. 31, 1968 to Oct. 31, 1969. Research Participation Program for College Teachers at a total cost of \$2,000. UW-GB, Green Bay Campus, Mathematics. Grant GY-460 (144-6416)
- 2) 140,483.00 - "Academic Year Institute in Mathematics and Science for Secondary School Teachers" for the period Nov. 13, 1968 through Sept. 30, 1970. UW-MSN, L & S, Mathematics. Grant GW-3461 (144-9421)
10. 8,225.00 - Department of the Navy, Bureau of Naval Personnel, Washington, D. C. Flight instruction for not more than ten (10) members of Naval ROTC for the period July 1, 1968 through June 30, 1969. UW-MSN, Naval Science. Contract N00022-69-D-0047 (144-9386)

Instruction

11. \$ 1,250.00 - Wisconsin Department of Public Instruction, Handicapped Children Division, Madison, Wisconsin. Cost-of-Education allowance for a fellowship awarded by the donor in connection with the 1968-69 Program for Preparation of Professional Personnel in the Education of Handicapped Children sponsored by the U. S. Office of Education. UW-MSN, School of Education, Studies in Behavioral Disabilities. No Agency No. (144-9126)
12. 14,244.75 - Wisconsin Department of Health and Social Services, Division of Family Services, Madison, Wisconsin (prime contractor with the Department of Health, Education, and Welfare). To continue the expansion and enrichment of the undergraduate program in social welfare for the period July 1, 1968 through June 30, 1969 at a total project cost of \$100,171. UW-MSN, L & S, School of Social Work. Amendment dated Oct. 14, 1968 to Agreement of June 28, 1968 (149-0005)

Student Aid

1. \$ 14,057.30 - The Frank Rogers Bacon Foundation, Milwaukee, Wisconsin, a gift of the income of the foundation from October 1967 to October 1968, for the support of graduate and undergraduate scholarships in the College of Engineering, as approved April 16, 1955. (133-147) ✓
2. 2,600.00 - Bates & Rogers Foundation, Chicago, Illinois, for continued support of scholarships in the College of Engineering in accordance with the program approved July 17, 1954. (133-1129) ✓
3. University of Wisconsin Foundation, Madison:
 - (1) 130.00 - Representing a gift from Mrs. Vincent E. Kivlin, Madison, to be added to the Vincent E. Kivlin Memorial Scholarship (Trust) ✓
 - (2) 200.00 - A gift to continue support of the Dr. and Mrs. Edward R. Knight Scholarship, to be awarded by the Committee on Loans and Undergraduate Scholarships to a worthy student (133-3817) ✓
 - (3) 350.00 - Representing a portion of funds furnished by the family and friends of the late Arlie M. Mucks, Sr., to establish the Arlie M. Mucks Senior Memorial Scholarship, to be awarded to a junior student majoring in the Department of Meat and Animal Science in the College of Agricultural and Life Sciences. The recipient shall be a Wisconsin resident, preferably with a farm background, and shall be selected by the Dean of the College upon recommendation of the Committee on Scholarships and Loans with prior recommendation from the Department of Meat and Animal Science. (133-6703) ✓
 - (4) 500.00 - For the support of the Drake P. Dale Scholarship Fund, to be administered by the Office of Student Financial Aids. (133-6687) ✓
4. 100.00 - Taraknath Das Foundation, New York City, for continued support of the fund established in memory of Basanta Kumar Roy. \$50 shall be added to the principal of the prize fund and \$50 shall be used for the annual award. (Trust)
5. 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) ✓
6. 14,530.00 - General Motors Corporation, Detroit, Michigan, to continue support of their national and college scholarship programs at the University of Wisconsin. (133-2103) ✓
7. 700.00 - Humorology-1968, for continuation of the Humorology Scholarship Fund in accordance with terms previously approved. (133-3553) ✓
8. 500.00 - Independent Insurance Agents of Wisconsin, Madison, to renew their scholarship in the School of Business. (133-2977) ✓
9. 1,000.00 - The Johnson Foundation, Inc., Racine, Wisconsin, to be added to the Disadvantaged Women Scholarship Fund in the Continuing Education of Women Program at the University of Wisconsin-Milwaukee. (133-6630) ✓

Student Aid

10. \$ 10.00 - Mrs. Florence Kracht, Milwaukee, Wisconsin, to establish the Martin Luther King Fund, to be used for disadvantaged youths attending the University of Wisconsin-Milwaukee. (133-6704) ✓
11. 750.00 - The Modern Language Journal, through Dr. Robert F. Roeming, Milwaukee, Wisconsin, for continued support of a University of Wisconsin-Milwaukee graduate student assisting the Managing Editor in the publication of the Modern Language Journal. (133-4906)
12. 150.00 - Northeastern Wisconsin Dairy Technology Society, Green Bay, Wisconsin, to continue support of their scholarship during the 1968-69 academic year, to be awarded to a sophomore majoring in the field of Dairy and Food Industries, in accordance with terms previously approved. (133-4490) ✓
13. 1,800.00 - Western Electric Company, New York City, for continuation of two undergraduate scholarships in the College of Engineering and one undergraduate scholarship in Science, Business Administration, or Liberal Arts, during 1968-69, in accordance with terms approved August 20, 1965. (133-2390, \$1,350; President's Special Fund, Trust, \$450) ✓
14. 350.00 - Wisconsin League for Nursing, Inc., Milwaukee, Wisconsin, for continued support of a scholarship in the School of Nursing. (133-6724) ✓
15. 25.00 - Dr. Quillian R. Murphy, Jr., Madison, Wisconsin, a contribution to be added to the Phi Theta Loan Fund. (Loan)
16. Donors listed below, for the support of Farm Short Course Scholarships for 1968-69:
- (1) 400.00 - Oscar Mayer Foundation, Inc., Chicago, Illinois (133-160)
 - (2) 800.00 - Rock County Bankers Association, Orfordville, Wis. (133-3009)
 - (3) 1,125.00 - Clark-Taylor Bankers Association, Thorp, Wisconsin (133-3006)
 - (4) 300.00 - Sheboygan County Bankers Association, Sheboygan, Wis. (133-2071)
 - (5) 400.00 - Manitowoc County Bankers Association, Manitowoc, Wisconsin (133-3057)
 - (6) 800.00 - St. Croix-Pierce County Bankers Association, Glenwood City, Wisconsin (133-2731)
 - (7) 400.00 - Waupaca County Bankers Association, Waupaca, Wisconsin (133-3013)
17. 1,750.00 - Aid Association for Lutherans, Appleton, Wisconsin, an additional gift to be used during 1968-69 to improve the University's Educational Program in Risk, Insurance and Actuarial Science - School of Business. (133-2865)
18. 10.00 - Robert H. Moore, Milwaukee, Wisconsin, a gift to be added to the Robert F. Kennedy Fund for aiding disadvantaged students enrolled at the University of Wisconsin-Milwaukee. (133-6620) ✓
19. 100.00 - Dr. James M. Price, North Chicago, Illinois, to be added to the James M. Price Student Award in Cancer Research - Medical School. (Trust Income) ✓

Student Aid

20. Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, for the support of predoctoral graduate student internships in International Studies and Programs, as follows:
- (1) \$ 5,730.00 - Support during the period February 1, 1969, to January 31, 1970 (E-I-69) (133-6720)
- (2) -- - Termination date extended to December 31, 1969 (E- I-58) (133-6360)
21. 1,000.00 - Price Waterhouse Foundation, New York City, for continued support of a scholarship in the School of Business, to be awarded to able students who wish to make their careers in teaching accounting at the college level. (133-4294) S
22. 8.00 - Ellen M. Colescott, Madison, Wisconsin, given in memory of the late Mrs. Mary E. Sauthoff, to be added to the Student Financial Aid Fund. (133-2109)
23. 1,987.43 - Various donors, to be added to the athletic grant-in-aid account at the University of Wisconsin-Milwaukee administered by the UWM Athletic Board and the Financial Aid Committee. (133-6363) S
24. University of Wisconsin Foundation, Madison:
- (1) 400.00 - A gift from the U. W. Golf Association to be added to the Wisconsin Student Aid Foundation Undergraduate Scholarship Fund (133-498) S
- (2) 750.00 - For the support of a scholarship under the terms of the will of the late Ottilie J. Reinke of Shorewood, Wisconsin, to be used for scholarships for the benefit of needy and worthy students as selected by the University of Wisconsin Foundation's Faculty Scholarship Committee. (133-6197) S
25. 200.00 - Wisconsin Fertilizer Association, Inc., Madison, to continue their scholarship for a student majoring in Soils during the academic year 1968-69. (133-3999) S
26. 15,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 1968-69 Educational Opportunity Grants Program under Title IV-A of the Higher Education Act of 1965 for the period July 1, 1968 through June 30, 1969 at a total cost of \$232,140. UWM, Student Affairs, Student Financial Aids. Grant OE-77-003896, as amended by letters dated June 7 and Oct. 17, 1968 (144-8692, Initial Year Awards; 144-8693, Renewal Awards)

Research

1. American Cancer Society, Inc., New York City:
 - (1) \$43,875.00 - For the support of research in the Department of Oncology during the period December 1, 1968, to November 30, 1969, entitled "Biochemical Studies of Endoplasmic Reticulum of Normal and Malignant Hepatic Cells in the Rat". (P-314E) (133-6690)
 - (2) 40,325 00 - For the support of research in the Department of Radiology - Medical School during the period December 1, 1968, to November 30, 1969, entitled "Mode of Action of Ionizing Radiation on Malignant Tumors". (T-66J) (133-6694)
 - (3) 15,125.00 - For the support of research in the Department of Bacteriology during the period December 1, 1968, to November 30, 1969, entitled "Regulatory Mechanisms Controlling Bacterial Sporogenesis". (E-371C) (133-6693)
 - (4) 29,500.00 - For the support of research in the School of Pharmacy during the period December 1, 1968, to November 30, 1969, entitled "Chemistry of Tumor Inhibitors from Plant Sources". (T-275E) (133-6692)
2. 25,400.00 - American Dairy Association, Chicago, Illinois, to continue research on development of new whipping cream and dessert toppings from milk products - Department of Food Science and Industries. (133-5207)
3. 100.00 - American Powder Metallurgy Institute, Chicago Section, Geneva, Illinois, for the support of the powder metallurgy program in the Department of Minerals and Metals Engineering. (133-5903)
4. 1,000.00 - ASARCO Foundation, New York City, to be used for the purchase of equipment for the Department of Minerals and Metals Engineering. (133-6710)
5. 316.64 - Anonymous donor, for support of staphylococcal toxin research in the Food Research Institute in the College of Agricultural and Life Sciences. (133-5654)
6. 1,625.00 - Ayerst Laboratories, New York City, to support Mysoline studies in the Department of Neurology - Medical School. (133-5134)
7. 10,000.00 - Brewing Industries Research Institute, Chicago, Illinois, for support of a study of volatile flavor compounds in beer, September 1, 1968 - August 31, 1969 - Department of Food Science and Industries. (133-5610)
8. 14,000.00 - Burgess-Norton Manufacturing Company, Geneva, Illinois, for the support of research in the Department of Minerals and Metals Engineering during the period September 1, 1968, to August 31, 1970, entitled "Strengthening Effects of Alloying Elements in Sintered Steels". (133-6695)
9. 6,000.00 - H. C. Christians Co., Chicago, Illinois, for continued support of a study of fat and protein systems in bakery products, December 1, 1968 - November 30, 1969 - Department of Food Science and Industries. (133-5685)

Research

10. \$ 500.00 - Professor James F. ~~Crow~~, Madison, Wisconsin, to be added to an unrestricted fund to be used at the discretion of the Department of Medical Genetics, as approved by the Dean of the Medical School, without regard to the limitations imposed by State fiscal and purchasing policies and procedures. (133-4379)
11. 100.00 - Mrs. C. D. ~~Dannron~~, Wellington, Texas, for use in the Safety Research Education Program in the School of Education. (133-6689)
12. 500.00 - The ~~Duke-Lab~~ Foundation, Inc., South Norwalk, Connecticut, to support the research and educational efforts of the Department of Dermatology. (133-6135)
13. 300.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware;
 135.00 - Thompson-Hayward Chemical Company, Kansas City, Kansas;
 435.00 - for research on testing fungicides on cherries to be conducted in the Department of Plant Pathology. (133-6714)
14. - E. I. du Pont de Nemours & Company, Wilmington, Delaware, expiration date of grant for study of microbial agents extended to December 31, 1968 - Department of Medicine. (133-6195)
15. 19,800.00 - Central Foundry Division of General Motors Corporation, Saginaw, Michigan, for the support of research in the Department of Minerals and Metals Engineering relating to nodular cast iron during the period September 1, 1968, to August 31, 1969. (133-4385, \$1,800; 133-6697, \$18,000.)
16. 24,670.00 - ~~Giddings & Lewis~~ Company, Fond du Lac, Wisconsin, for the support of research on adaptive control in the Department of Mechanical Engineering during the period October 1, 1968, to September 30, 1969. (133-4385, \$3,220; 133-6708, \$21,450)
17. 3,000.00 - ~~Green/Giant~~ Foundation, LeSueur, Minnesota, to continue a study of rapid methods of detection of bacteria in foods and on food equipment - Food Research Institute of the College of Agricultural and Life Sciences. (133-5606)
18. 3,500.00 - ~~Hoffmann-La Roche~~, Inc., Nutley, New Jersey, for the support of research in the Department of Poultry Science during the period July 1968 to July 1969 on the role of antibiotics, arsenicals and surfactants in poultry nutrition. (133-6711)
19. 3,640.00 - ~~Illinois~~ Agricultural Experiment Station, Urbana, Illinois, for the continued support of research to be conducted in the University Experimental Farms during the period July 1, 1968 to June 30, 1969, relating to a study of the development of improved soil and water management systems for sloping land in the Upper Mississippi Valley. (133-5139)
20. 500.00 - ~~International Harvester~~ Company, Chicago, Illinois, for continued support of research in the Department of Dairy Science relating to determination of the effects on dairy cattle of adding polypropylene fibers to the ration. (133-4739)

Research

21. \$ 9,238.00 - Milwaukee County Institutions and Departments, Milwaukee, Wisconsin, to support research involving an analysis of the operation and effectiveness of the Milwaukee County Mental Health Center Inner City Project at the University of Wisconsin-Milwaukee for the period October 14, 1968, to June 14, 1969. (133-6684)
22. 1,200.00 - Olympus Corporation of America, Lake Success, New York, an additional contribution to support gastrocamera research - Department of Medicine. (133-4595)
23. 100.00 - Weiler, Strang, McMullin & Associates, Inc., Madison, Wisconsin, to be used in the Department of Plant Pathology for plant disease control studies. Additional contributions may be added to this fund. (133-6696)
24. Wisconsin Department of Natural Resources, Madison:
- (1) 12,500.00 - For the support of research beginning October 1, 1968, in the Laboratory of Hygiene entitled "Survey of Pesticide Residues in Aquatic Macro-Invertebrate Benthos Organisms in Wisconsin Waters Tributary to Lake Michigan". (133-6701)
- (2) 12,820.00 - For the support of research in the Department of Civil Engineering during the period September 1, 1968, to June 30, 1969, entitled "Definition of the Mixing Zone for Waste Effluent Discharged to Surface Waters". (133-4385, \$635; 133-6706, \$12,185)
25. 645.00 - University of Wisconsin Foundation, Madison, representing gifts from various donors to be used in the Medical School, as follows:
- | | | |
|-------|--|------------|
| \$135 | Medical research | (133-4152) |
| 170 | Cancer research | (133-3651) |
| 35 | Cardiac research | (133-3832) |
| 275 | Medical School programs | (133-2345) |
| 20 | Medical Student Loan Fund (Robert Gavin Loan Fund) | |
| 10 | Diabetic retinopathy | (133-5194) |
26. 3,000.00 - Aluminum Company of Canada, Ltd., Arvida, P. Q., Canada;
 3,000.00 - Harvey Aluminum Company, The Dalles, Oregon;
 3,000.00 - Ormet Corporation, Hannibal, Ohio;
 3,000.00 - Anaconda Aluminum Company, Columbia Falls, Montana;
3,000.00 - Tennessee Corporation, Knoxville, Tennessee;
 15,000.00 - for continued support of a study of the basic and clinical aspects of experimental fluorine toxicosis - Department of Biochemistry. (133-3220)
27. 223.55 - Town of Troy Combined Drive, Sauk City, Wisconsin;
 100.00 - Dr. Neal Kirkpatrick, Longview, Washington, given in memory of the late Harold Thompson, Baraboo, Wisconsin;
323.55 - to be used for the support of cancer research in the Medical School. (133-3651)
28. 25.00 - Mrs. Albert Katz, Racine, Wisconsin, a gift in memory of the late Edward Shovers, to support heart research in the Department of Medicine. (133-4099)

Research

29. \$ 20.00 - Friends of Wilbur Hillman, Jr., given in memory of the late Wilbur Hillman, Sr., for support of the instructional and research programs of the Medical School. (133-2345)
30. 1,685.56 - Various donors, additional contributions to assist in the work of the Regional Rehabilitation Research Institute, School of Education. (133-4866)
31. 1,000.00 - American Potato Company, Blackfoot, Idaho;
 75.00 - Miles Laboratories, Inc., Elkhart, Indiana;
 200.00 - The Rath Packing Company, Waterloo, Iowa;
 75.00 - The Wilson Laboratories, Chicago, Illinois;
1,350.00 - for support of the Food Research Institute in the College of Agricultural and Life Sciences. (133-5328)
32. 1,000.00 - Fred L. Thomas, Madison, Wisconsin;
 30.00 - Mrs. T. N. Herreid, Bridgeville, Pa., given in memory of the late William C. Lister;
 100.00 - Thomas Herreid, Bridgeville, Pa., \$50 given in memory of the late Ralph S. Davis, Jr., and \$50 in memory of the late Henry Schoenefeldt;
 10.00 - Friends of the late Mrs. Marcia Wright Wooster, Silver Spring, Maryland, given in her memory;
 10.00 - Friends of the late Mary C. Wielgosch, given in her memory;
1,150.00 - to support research in the cause and cure of cancer - McArdle Memorial Laboratory. (133-327)
33. 10.00 - Mr. and Mrs. Kenneth Storma, Rhinelander, Wisconsin, given in memory of the late Harold Greenhill, Rhinelander;
 11.00 - Various donors, given in memory of the late Elsie Burnham, Spencer, South Dakota;
 425.00 - Terry Albright, Racine, Wisconsin, given in memory of the late Mrs. Jeannine D. Albright, Racine;
 5.00 - Mrs. Ruth Wivel, Madison, Wisconsin, given in memory of the late Mrs. Sam Yopack, Madison;
 5.00 - Golden Valley Education Association, Minneapolis, Minn., given in memory of the late Mrs. Margaret Severson, Osseo, Wis.;
 250.00 - Mrs. Bernadine Popanz, Brodhead, Wisconsin, given in memory of the late Fred Popanz, Brodhead;
 109.63 - Mr. and Mrs. Mike Valerio, Elmwood Park, Illinois, given in memory of the late Mr. Lou Farrell, Des Moines, Iowa;
815.63 - to support research in the cause and cure of cancer - Division of Clinical Oncology. (133-1038)
34. 244.00 - Various donors, given in memory of the late Geoffrey Ford, Fontana, Wisconsin;
 250.00 - Friends and relatives of the Hugh F. Brady family, Madison, Wisconsin, given in memory of the late Kathleen Brady;
494.00 - to support leukemia research in the Department of Pediatrics. (133-3535)
35. 15.00 - Mr. and Mrs. Andrew C. Minor, Columbia, Missouri, to be added to the Bruce William Wise Memorial Fund to support kidney research in the Department of Pediatrics. (133-6603)

Research

36. \$ 1,049.81 - ~~Stanley~~ Community Chest, Stanley, Wisconsin, a gift for support of research in the Medical School as follows:
 \$ 532.78 Cancer (133-3651)
 329.98 Polio, Arthritis and
 birth defects (133-3910)
 187.05 Multiple sclerosis (133-4349)
37. 1,000.00 - ~~American~~ Breeders Service, Inc., De Forest, Wisconsin;
 2,450.00 - ~~Ayerst~~ Laboratories, New York City;
 3,450.00 - For continued support of a study of control of estrus and
 ovulation in the mare - Department of Meat and Animal Science.
 (133-5489)
38. American Chemical Society (The Petroleum Research Fund),
 Washington, D. C., for the support of research as follows:
 3,000.00 - "Magnetic and Electron-transfer Studies of Dithiolene Com-
 plexes" - Department of Chemistry (PRF #1561-G2) (133-6721)
39. 5.00 - ~~Lea~~ Associates, Inc., Ambler, Pa., to support research in
 allergy - Department of Medicine. (133-5277)
40. 10,000.00 - Edward A. Mabis, Madison, Wisconsin, a gift to establish the
 Edward A. Mabis Fund, principal and income to be used for
 cancer research or research for treatment and cure of other
 diseases. (Trust)
41. 3,960.00 - The ~~Nika~~ Corporation, Madison, Wisconsin, for the support of
 research on a Wisconsin Information Bank for the Building In-
 dustry, to be conducted in the Department of Mechanical
 Engineering from September 1968 to December 1969. (\$660,
 133-4385; \$3,300, 133-6723)
42. 60.00 - Professor Lolas E. Halverson, Madison, Wisconsin, given in
 memory of the late Catherine Halverson, Madison, to be used
 for the support of cancer research in the Medical School.
 (133-3651)
43. 1,000.00 - Mrs. M. G. Phillips, Milwaukee, Wisconsin, to support research
 in Parkinsonism in the Department of Neurology. (133-6719)
44. 60,000.00 - The ~~Rockefeller~~ Foundation, New York City, to continue support
 of research and training in the areas of reading methods
 (\$18,850, 133-6715) and germ plasma evaluation (\$15,950, 133-
 6716) and for research on brown rot disease (\$25,200, 133-
 6717), the above to be conducted in the College of Agricultural
 and Life Sciences. (RF 68072)
45. 20.00 - Various donors, given in memory of the late Mrs. Verna Pokorny,
 Lake Geneva, Wisconsin, to be used for the support of cancer
 research in the Division of Clinical Oncology. (133-1038)
46. 10.00 - Mr. and Mrs. Anton Van Tilburg, Fontana, Wisconsin, given in
 memory of the late Geoffrey Ford, Fontana, to support leukemia
 research in the Department of Pediatrics. (133-3535)

Research

47. \$ 2,500.00 - Department of Agriculture, Agricultural Research Service, Washington, D. C. "Animal Husbandry Research" for the period July 1, 1968 through June 30, 1969. UW-MSN, Agric. & Life Sciences, Dairy Science. Cooperative Agreement No. 12-14-100-2471(44), Amend. No. 2 (144-3075)
48. U. S. Air Force Office of Scientific Research, Arlington, Virginia, in support of the following:
- 1) - Extends termination date from Oct. 31, 1968 to Dec. 31, 1968. "Surface Studies by Low-Energy Electron Diffraction" for the period Nov. 1, 1965 through Dec. 31, 1968 at a total cost of \$88,196. UW-MSN, L & S, Physics. Grant AFOSR-51-66, Amend. A (144-6405)
 - 2) 21,900.00 - Excitation Processes by Electronic and Atomic Collisions for the period Jan. 16, 1969 through Jan. 15, 1971. UW-MSN, L & S, Physics. Grant AFOSR 69-1670 (144-9375)
 - 3) 54,377.00 - "Surface Studies by Low-Energy Electron Diffraction" for the period Jan. 1, 1969 through Dec. 31, 1970. UW-MSN, L & S, Physics. Grant AFOSR-69-1677 (144-9424)
49. U. S. Army Research Office, Durham, North Carolina, in support of the following:
- 1) - Extends termination date from May 31, 1968 to Nov. 30, 1968. "Theory and Application of Ambiguity" at a total cost of \$19,919. UWM, L & S, Mathematics. Grant DA-ARO-D-31-124-G837 (144-6802)
 - 2) - Changes project period to Dec. 1, 1968 through Nov. 30, 1969. "Theory and Application of Ambiguity" at a total cost of \$11,702. UWM, L & S, Mathematics. Grant DA-ARO-D-31-124-G1021 (144-8787)
50. 35,000.00 - U. S. Army Tank-Automotive Command, Warren, Michigan. "Engine Cycle Analysis on a Digital Computer" for the period June 25, 1964 through Apr. 30, 1969 at an estimated cost of \$236,525. UW-MSN, Engineering, Mechanical. Contract DA-11-022-AMC-1385(T), Mod. No. P012 (144-5409)
51. - U. S. Army Electronics Command, Fort Monmouth, New Jersey. Establishes final predetermined overhead rates. "Waveguide, Waveguide Circuits and Antenna Research Study" for the period Sept. 1, 1964 through Jan. 31, 1969 at a cost of \$127,145. UW-MSN, Engineering, Electrical Engineering. Contract DA 36-039-AMC-02261(E), Mod. No. 11 (144-4682)

Research

52. \$ Atomic Energy Commission, Argonne, Illinois, in support of the following:
- 1) 24,293.00 - "Mutagenesis of Enteroviruses by Gamma Rays" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Agric. & Life Sciences, Food Research Institute. Contract AT(11-1)-1645, Mod. No. 1-1 (144-9222)
 - 2) 13,400.00 - "Diffusion in Zeolites and Glasses" for the period Aug. 16, 1968 through Aug. 15, 1969. UWM, L & S, Sciences, Chemistry. Contract AT(11-1)-1550, Mod. No. 3 (144-9274)
53. - Department of Commerce, Environmental Science Services Administration, Rockville, Maryland. Extends termination date from Sept. 30, 1968 to March 30, 1970. "Integrating Pyranometer for Climatological Observer Stations and Mesoscale Networks" at a total cost of \$12,260. UW-MSN, Agric. & Life Sciences, Soils. Grant WBG-49 (144-5800)
54. 47,026.00 - Department of Health, Education, and Welfare, Health Services and Mental Health Administration, Bethesda, Maryland. "Microbial Degradation of Pesticides" for the period Jan. 1, 1969 through Dec. 31, 1969. UW-MSN, Agric. & Life Sciences, Entomology. Grant 2-R01-CC-00268-04 (144-9419)
55. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, in support of the following:
- 1) 4,949.00 - "Serine and Hydroxyaspartic Acid Metabolism" for the period Sept. 1, 1967 through Dec. 31, 1968 at a total cost of \$36,340. UW-MSN, Med. School, Physiological Chemistry. Grant 3-R01-AM-00922-13S1 (144-8143)
 - 2) - Changes termination date from March 31, 1969 to Oct. 31, 1968. "The Genetic Control of Protein Specificity" at a total cost of \$28,023. UW-MSN, Med. School, Physiological Chemistry. Grant 5-R01-GM-08995-07 (144-8304)
 - 3) 9,000.00 - "Radiotherapy Research" for the period Jan. 1, 1968 through Dec. 31, 1968 at a total cost of \$416,700. UW-MSN, Med. School, Radiology. Grant 3-P02-CA-06295-07S1 (144-8416)
 - 4) 540.00 - Research Career Development Award in connection with research entitled "Chromosomal and Nucleolar Function in Development" for the period Jan. 1, 1968 through Dec. 31, 1968 at a total cost of \$15,660. UW-MSN, Med. School, Anatomy. Grant 3-K03-GM-19054-01S1 (144-8448)
 - 5) 815.00 - "Nucleotide and Enzyme Levels in Stimulated Neurons" for the period April 1, 1968 through March 31, 1969 at a total cost of \$31,375. UW-MSN, Med. School, Pathology. Grant 3-R01-NB-01305-12S1 (144-8596)

Research

55. (cont'd.) Department of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 6) \$ 169,941.00 - "Nucleic Acids and the Biological Code" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Institute for Enzyme Research. Grant 5-R01-CA-05178-09 (144-9184)
 - 7) 83,190.00 - "Components and Pathways in Biological Oxidation" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Institute for Enzyme Research. Grant 5-R01-GM-12394-05 (144-9185)
 - 8) 2,294.00 - "Perhalogenated Cyclic Compounds" for the period Sept. 1, 1968 through Aug. 31, 1969 at a total cost of \$51,034. UW-MSN, L & S, Chemistry. Grant 5-R01-GM-14288-03, Revised (144-9193)
 - 9) 29,928.00 - "Chemical Modification of Radiation Effects" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Radiology. Grant 5-R01-CA-08486-04 (144-9227)
 - 10) 25,500.00 - "Regulation of Differentiation in Germinating Spores" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Grad. School, Lab. of Molecular Biology. Grant 5-R01-GM-12332-05 (144-9238)
 - 11) 34,297.00 - "The Genetic Control of Protein Specificity" for the period Nov. 1, 1968 through Oct. 31, 1969. UW-MSN, Med. School, Physiological Chemistry. Grant 2-R01-GM-08995-08 (144-9371)
 - 12) 71,862.00 - "Molecular Mechanisms of Membrane Transport in Brain" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, Med. School, Pharmacology. Grant 2-R01-NB-01730-11 (144-9384)
 - 13) 26,771.00 - "Arbovirus- and Host-Relations of Wisconsin Arthropods" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Agric. & Life Sciences, Entomology. Grant 5-R01-AI-07453-03 (144-9385)
 - 14) 94,408.00 - "Metabolism of the Brain" for the period Dec. 1, 1968 through Nov. 30, 1969. UW-MSN, Med. School, Surgery. Grant 2-R01-NB-05961-04 (144-9389)
 - 15) 20,804.00 - "Immunochemistry of Polypeptides and Proteins" for the period Nov. 1, 1968 through Oct. 31, 1969. UW-MSN, Agric. & Life Sciences, Biochemistry. Grant 5-R01-AI-00101-20 (144-9390)
 - 16) 27,000.00 - Research Career Award in connection with research entitled "Biosynthesis of Enzymes in Yeast and Bacteria" for the period Jan. 1, 1969 through Dec. 31, 1969. UW-MSN, Grad. School, Lab. of Molecular Biology. Grant 4-K06-GM-02522-06 (144-9393)
 - 17) 27,000.00 - Research Career Award in connection with research entitled "Structure and Molecular Organization of Genetic Systems" for the period Jan. 1, 1969 through Dec. 31, 1969. UW-MSN, L & S, Zoology. Grant 4-K06-GM-21948-06 (144-9394)

Research

55. (cont'd.) Department of Health, Education, and Welfare, National Institutes of Health, (cont'd.)
- 18) \$ 11,950.00 - "Biochemical Studies on Experimental Epilepsy" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, Med. School, Medicine. Grant 1-R01-NB-08295-01 (144-9398)
- 19) 51,158.00 - "Behavior of Bacteria: Biochemistry and Genetics" for the period Dec. 1, 1968 through Nov. 30, 1969. UW-MSN, Agric. & Life Sciences, Biochemistry. Grant 1-R01-AI-08746-01 (144-9399)
- 20) 34,782.00 - "Metabolism of Fixed Nitrogen by Plants and Bacteria" for the period Dec. 1, 1968 through Nov. 30, 1969. UW-MSN, Agric. & Life Sciences, Biochemistry Grant 5-R01-AI-00848-14 (144-9401)
- 21) 21,171.00 - "Regulation of Prothrombin Synthesis by Vitamin K" for the period Jan. 1, 1969 through Dec. 31, 1969. UW-MSN, Agric. & Life Sciences, Biochemistry. Grant 5-R01-AM-09305-05 (144-9404)
- 22) 42,508.00 - "Enzymatic Synthesis of Carotenes and Fatty Acids" for the period Dec. 1, 1968 through Nov. 30, 1969. UW-MSN, Med. School, Physiological Chemistry. Grant 5-R01-AM-01383-13 (144-9413)
56. 487,969.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C. Wisconsin Research and Development Center for Cognitive Learning for the period Sept. 1, 1964 through Jan. 31, 1969 at a total estimated cost of \$4,058,530. UW-MSN, Education, Research and Development Center. Contract OE-5-10-154, Amend. No. 6 (144-5489)
57. - Department of the Interior, Office of Water Resources Research, Washington, D. C. Extends termination date from Nov. 1, 1968 to Feb. 28, 1969. "Physical Techniques and Institutional Mechanisms for Integrated Adjustments within Flood Plain Hazard Zones Through the Use of Detailed Soil Survey" (OWRR B-002-WISC) at a total cost of \$35,450. UW-MSN, Grad. School, Water Resources Center. Matching Grant 14-01-0001-861 (144-6427)
58. - Department of the Interior, Fish and Wildlife Service, Washington, D. C. Extends termination date from Sept. 30, 1967 to Dec. 31, 1968. "Studies on B₁₂ and Other Compounds with Biological Activity" for the period Oct. 1, 1966 through Dec. 31, 1968 at a total cost of \$10,014. UW-MSN, L & S, Zoology. Contract 14-16-0008-774, Amend. No. 2 (144-7407)
59. 28,487.00 - Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C. "Tissue Analysis for Nutrient Assay of Natural Waters" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Institute for Plant Development. Grant WP-01411-01 (144-9409)

Research

60. Department of Labor, Manpower Administration, Washington, D. C., in support of the following:
- 1) \$ 10,000.00 - Doctoral Dissertation research entitled "Determinants of Geographic Differences in the Supply of Physician Services" for the period Oct. 1, 1968 through Sept. 30, 1969. UW-MSN, L & S, Economics. Grant 91-53-69-09 (144-9336)
 - 2) 10 000.00 - Doctoral Dissertation research entitled "The Obsolescence and Learning Effects on Productivity of the Expansion of Technical Knowledge" for the period Sept. 1, 1968 through Aug. 31, 1969. UW-MSN, L & S, Economics. Grant 91-53-69-07 (144-9350)
61. National Aeronautics and Space Administration, Washington, D. C., in support of the following:
- 1) 150,000.00 - "Investigations and Studies of Ultraviolet Stellar Spectra and Associated Instrumentation" for the period April 1, 1964 through April 30, 1971 at a total cost of \$860,420. UW-MSN, L & S, Astronomy. Grant NGL 50-002-013, Supplement No. 5 (144-5282)
 - 2) 26,500.00 - "A Study of Methods to Effect a More Complete and Rapid Detection of Human Infectious Agents" for the period June 1, 1967 through June 30, 1971 at a total cost of \$77,230. UW-MSN, Med. School, Medicine. Grant NGL 50-002-078, Supplement No. 2 (144-7844)
62. National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama, in support of the following:
- 1) (20,000.00)- Corrects error in reporting loan of equipment to the University of Wisconsin as a \$20,000 increase in contract support. "Development and Construction of X-Ray Astronomy Experiment SO-27". Total amount obligated for the period Sept. 30, 1966 through Dec. 31, 1968 is \$684,461. UW-MSN, L & S, Physics. Contract NAS8-21015, Mod. No. 4 (144-7202)
 - 2) - Establishes Final Predetermined Overhead rates for the period July 1, 1968 through June 30, 1969. "Development and Construction of X-Ray Astronomy Experiment SO-27". Total amount obligated for Sept. 30, 1966 through Dec. 31, 1968 is \$684,461. UW-MSN, L & S, Physics. Contract NAS 8-21015, Mod. No. 7 (144-7202)
63. - Space Craft, Inc., Huntsville, Alabama (subcontractor under National Aeronautics and Space Administration). Increases funding, amends Scope of Work. "Design, Develop, and Produce a Saturn X-Ray Astronomy Experiment" for the period Oct. 1, 1966 through Dec. 31, 1968 at a total cost of \$570,360 including a fixed fee of \$40,360. UW-MSN, L & S, Physics. Mod. No. 2 to Subcontract No. 1 under Prime Contract NAS8-21015 (144-7202)

Research

64. \$ 77,500.00 - National Foundation on the Arts and the Humanities, National Endowment for the Arts, Washington, D. C. "Arts in the Small Community" for the period July 1, 1968 through June 30, 1969. UWEX, Liberal and Professional Education, Community Arts Development. Grant A-02042-69-0-53 (144-9344)
65. National Science Foundation, Washington, D. C., in support of the following:
- 1) - Transfers title to certain items of equipment made available from excess federal property to the Regents of the University of Wisconsin. "Biophysical Investigations of Protein Synthesis at the Template Level" for the period Sept. 1, 1962 through Feb. 29, 1968. UW-MSN, Agric. & Life Sciences, Biochemistry; UW-MSN, Agric. & Life Sciences, Bacteriology. Grant GB-387 (144-4411)
 - 2) 36,500.00 - "Diffusion and the Principle of Corresponding States" for the period Nov. 1, 1965 through April 30, 1970 at a total cost of \$144,600. UW-MSN, Engineering, Chemical Engineering. Grant GK-678X2 (144-6437)
 - 3) - Transfers title to a certain item of equipment to the Regents of the University of Wisconsin. "Biochemical Studies of the Pituitary Complex" for the period June 1, 1966 through Nov. 30, 1969 at a total cost of \$55,100. UW-MSN, L & S, Zoology. Grant GB-4963, Amend. No. 1 (144-6829)
 - 4) - Extends termination date from Nov. 30, 1968 to Feb. 28, 1969. "Computational Solution of Numerical Problems" at a total cost of \$69,000. UW-MSN, L & S, Computer Sciences. Grant GP-6070 (144-6944)
 - 5) - Extends termination date from Sept. 30, 1968 to Aug. 31, 1969. "Further Development of Techniques and Equipment for the Investigation of the Electromagnetic Properties and Thickness of Antarctic Ice" at a total cost of \$61,500. UW-MSN, L & S, Geology and Geophysics. Grant GA-552 (144-7064)
 - 6) 1,500.00 - "The Juvenile Hormone: Chemical and Physiological Studies" at a total cost of \$29,600. UW-MSN, L & S, Zoology. Grant GB-5475, Amend. No. 1 (144-7263)
 - 7) - Extends termination date to Jan. 31, 1969. "Structure and Motions of Nebulae" at a total cost of \$26,400. UW-MSN, L & S, Astronomy. Grant GP-6326 (144-7270)
 - 8) - Extends termination date from Sept. 30, 1968 to Feb. 28, 1969. "Double Injection Diodes" at a total cost of \$21,200. UW-MSN, Engineering, Electrical Engineering. Grant GK-1232 (144-7301)
 - 9) - Extends termination date from Aug. 31, 1968 to March 31, 1969. "Research Initiation-Self-diagnosing Computers" at a total cost of \$9,500. UW-MSN, Engineering, Electrical Engineering. Grant GK-1567 (144-7042)

Research

65. (cont'd.) National Science Foundation, (cont'd.)
- 10) \$ - Extends termination date from Dec. 14, 1968 to June 30, 1969. "Yukian Linguistic Family" at a total cost of \$4,800. UW-MSN, L & S, Anthropology. Grant GS-1603 (144-7733)
- 11) - Extends termination date from Dec. 31, 1968 to June 30, 1970. "Pre-ceramic Cultural Development in Japan" at a total cost of \$17,600. UW-MSN, L & S, Anthropology. Grant GS-1675 (144-7853)
- 12) - Extends termination date from Oct. 1, 1968 to Aug. 31, 1969. "Analysis of Antarctic Geophysical Data" at a total cost of \$25,100. UW-MSN, L & S, Geology and Geophysics. Grant GA-1136 (144-8042)
- 13) - Extends termination date from Oct. 1, 1968 to Aug. 31, 1969. "Completion of Oversnow Traverses in Queen Maud Land" at a total cost of \$44,000. UW-MSN, L & S, Geology and Geophysics. Grant GA-1126 (144-8044)
- 14) 39,700.00 - "Magnetotelluric Investigation of the Crust and Upper Mantle Across the Wisconsin Arch" for the period Oct. 1, 1968 through March 31, 1970. UW-MSN, L & S, Geology and Geophysics. Grant GA-4234 (144-9380)
- 15) 13,800.00 - "A Study in Repetitive Statistical Decision Problems" for the period Nov. 1, 1968 through April 30, 1971. UWM, L & S, Math. Grant GP-9324 (144-9383)
- 16) 37,700.00 - "Late Paleozoic Sedimentation and Structure, Ouachita Geosyncline, Oklahoma" for the period Oct. 1, 1968 through March 31, 1971. UW-MSN, L & S, Geology and Geophysics. Grant GA-4354 (144-9388)
- 17) 41,900.00 - "Sedimentation and Diffusion Measurements in the Study of Protein Behavior" for the period Nov. 1, 1968 through April 30, 1971. UW-MSN, Grad. School, Institute for Enzyme Research. Grant GB-8239 (144-9395)
- 18) 96,600.00 - "Upper Mantle Studies" for the period Sept. 1, 1968 through Feb. 28, 1970. UW-MSN, L & S, Geology and Geophysics. Grant GA-4447 (144-9396)
- 19) 41,500.00 - "Effects of Reinforcement Withdrawal and Reinforcement Loss on Human Operant Behavior" for the period Nov. 1, 1968 through April 30, 1971. UWM, L & S, Psychology. Grant GB-8234 (144-9400)
- 20) 2,200.00 - "Doctoral Dissertation Research in Political Science" for the period Nov. 15, 1968 through May 14, 1970. UW-MSN, L & S, Political Science. Grant GS-2354 (144-9405)

Research

65. (cont'd.) National Science Foundation, (cont'd.)
- 21) \$ 26,800.00 - "Investment and the Rate of Return" for the period Nov. 1, 1968 through Dec. 31, 1970. UW-MSN, L & S, Economics. Grant GS-2341 (144-9411)
- 22) 28,300.00 - "Publication of Three History of Science Monographs" for the period Oct. 31, 1968 through April 30, 1970. UW-MSN, Grad. School, University of Wisconsin Press. Grant GN-790 (144-9412)
66. - Department of the Navy, Office of Naval Research, Washington, D. C. Revises General Provisions A, March, 1967. Basic agreement for research. No department specified. Contract Nonr-1202(00), Mod. No. 31, Revised (No Account No.)
67. 3,393.80 - Smithsonian Institution, Washington, D. C. "Reexamination of the Late Prehistoric Sites in Kharga and Dakhla Oases, U. A. R." for the period Nov. 1, 1968 through Oct. 31, 1969. UWM, L & S, Anthropology. Grant 1872 (No. Account No.)
68. 32,882.00 - Wisconsin Regional Medical Program, Inc., Milwaukee, Wisconsin (prime contractor with Department of Health, Education, and Welfare, National Institutes of Health). "Study Program for Uterine Cancer Therapy and Evaluation" for the period Sept. 1, 1968 through Aug. 31, 1969 at a total cost of \$173,687. UW-MSN, Med. School, Gynecology and Obstetrics. Letter dated Sept. 5, 1968 under Prime Grant 3-G03-RM-00037, as amended by letter dated Oct. 21, 1968 (144-9261)
69. 20,720.00 - State of Wisconsin, Department of Transportation, Madison, Wisconsin (Prime Contractor with the Department of Commerce) "Transportation Statistics: Household Travel Demand and Commodity Flows" for the period Sept. 1, 1968 through Sept. 30, 1969. UW-MSN, Engineering, Civil Engineering. Agreement Under Department of Commerce Contract (144-9432)

Libraries

1. \$ 25.00 - University of Wisconsin Foundation, Madison, representing a gift from Miss Carol Biba, Bryn Mawr, Pa., to be added to the Cherry Biba Bradley Fund. (133-2499)
2. 225.00 - Various donors, given in memory of the late Dr. Joseph Gale, Madison, Wisconsin;
5.00 - Dr. Harold J. Werbel, Delavan, Wisconsin, given in memory of the late Ed. Zolla;
5.00 - Dr. and Mrs. Sidney E. Wolpaw, Shaker Heights, Ohio, given in memory of the late Mrs. Maude Middleton;
235.00 - to be added to the Friends of the Medical Library Fund. (133-5690)

Physical Plant

1. (4,574.00)- Department of Health, Education, and Welfare, Office of Education, Washington, D. C. Reduction of a grant under Title II of the Higher Education Facilities Act of 1963 to defray a portion of the cost of a nine-story addition to the Chemistry Research Building. Reduction incident to closing of grant and due to lower final project costs than anticipated in grant application. (Project No. 2-5-00350-0, Old No. 2-0118) (144-6207)
2. 4,437.65 - Various donors, to be used for the construction of a new building at the Hancock Experimental Farm. Additional contributions may be added to this fund from time to time. (133-6136)

Miscellaneous

1. \$ 15.00 - ~~American Association of University Women, Janesville, Wisconsin, a gift to be spent at the discretion of the Dean of the Rock County Campus - University Center System. (133-6707)~~
2. 1,000.00 - ~~Anonymous donor, to support University Extension programs in pharmacy. (133-6698)~~
3. 30.00 - ~~Anonymous donor, to be used at the discretion of the Chairman of the Department of Environmental Design without regard to State fiscal or purchasing procedures or regulations. (133-6712)~~
4. 100.00 - ~~Professor Max W. Carbon, Madison, Wisconsin, to be used at the discretion of the chairman of the Department of Nuclear Engineering without regard to State purchasing or fiscal procedures or regulations. (133-6688)~~
5. - ~~Extension Journal, Inc., Madison, Wisconsin, agreement for the support of the publication of the Extension Journal, whereby the donor agrees to pay for professional staff, secretarial, technical and editorial assistance, travel, and all expenses incurred in printing, publishing, advertising, promoting and distributing the Journal. The agreement shall take effect July 1, 1969, and remain in force until abrogated by either party. (133-6713)~~
6. 17.30 - ~~Friends of the Arboretum, to be used for the benefit of the Arboretum as determined by the Arboretum Committee. (Trust)~~
7. 2,000.00 - ~~William L. and Arthur L. Liebman, Milwaukee, Wisconsin, to be used for the development of the Department of Art History of the University of Wisconsin-Milwaukee. (133-5767)~~
8. 300.00 - ~~The James F. Lincoln Arc Welding Foundation, Cleveland, Ohio, to be used to further the educational objectives of the Department of Civil Engineering. (133-6705)~~
9. 1,000.00 - ~~Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to finance an exploratory trip to Venezuela to determine the possibilities of establishing inter-institutional relations with the University of Oriente and the experimental universities of Venezuela. (J-49) (133-6553)~~
10. 15,000.00 - ~~Oak Ridge Associated Universities, Inc., Oak Ridge, Tennessee, given in connection with fellowships in nuclear science and engineering supported directly by the donor - Engineering Experiment Station. (133-3803)~~
11. 575.00 - ~~Princeton One Fund, Princeton, Wisconsin, to be used for the care and treatment of selected research patients and to defray the cost of equipment and technical staff of research programs in the University Hospitals. (133-5716)~~
12. 350.00 - ~~Sandoz Ag, Basle, Switzerland, for use at the discretion of the Dean of the School of Pharmacy. (133-2286)~~

Miscellaneous

13. \$ 50.00 - Professor Theodore Bernstein, Madison, Wisconsin, a gift to be used at the discretion of the Chairman of the Department of Electrical Engineering for any purpose he deems appropriate without regard to State fiscal regulations or procedures. (133-6718)
14. 5,000.00 - Humble Oil Education Foundation, Houston, Texas, a grant to be used in Engineering and Geology during 1968-69 in furthering the attainment of excellence in teaching or research, or to enable exceptional students to further their education, or for both purposes. (ChE, \$1,500, 133-4628; Engr., \$1,000, 133-5751; Geology, \$2,500, 133-5661)
15. 139.10 - Kraus Reprint Co., New York City, representing royalties on the sale of Land Economics, to be added to a trust fund established September 6, 1963. (Trust)
16. 14.25 - Russell H. Brannon, Lexington, Kentucky, a gift to be added to the Land Tenure Center Training Program Fund, for use without restriction in support of the program at the discretion of the Director. (133-5269)
17. 300.00 - Dean Leon D. Epstein, Madison, Wisconsin, a gift to be added to the Special Letters and Science Trust Fund. (Trust)
18. 4,070.00 - Rural Sociological Society, Brookings, South Dakota, to be used for partial support of editorial work performed by the Department of Rural Sociology in publishing the Journal of Rural Sociology. (133-5316)
19. 540.00 - Wisconsin Beef Improvement Association, Madison, to be used by the Department of Meat and Animal Science for effecting improvements to the beef barn at Hancock and for related research needs. (133-6709)
20. 20.00 - Mrs. Katherine M. Marshall, Madison, Wisconsin, given in memory of the late Charles L. Manson, 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)

Miscellaneous

21. \$ Agency for International Development, Washington, D. C. in support of the following:
- 1) - Modifies Operational Plan and Special Provisions. Program to render technical advice and assistance to the Government of the Federation of Nigeria in the development of Northern Nigeria Teachers Colleges for the period Jan. 1, 1967 through Dec. 31, 1968. Total estimated cost through Aug. 31, 1969 is \$2,132,155. UW-MSN, Education, Educational Administration. Contract AID/afr-450, Amend. No. 4 (144-7474)
- 2) 33,900.00 - Program to Render Short-Term Technical Advice and Assistance to Uganda Institute of Public Administration for the period Nov. 4, 1968 through Jan. 3, 1970. UWEX, Liberal and Professional Education, Center for Advanced Study in Organization Science. Contract AID/afr-587 (144-9410)
22. - U. S. Armed Forces Institute, Madison, Wisconsin. Changes delivery date to Jan. 20, 1969. Payment for 3,000 copies of Study Guide E457.1, History of Western Civilization to 1500 with Solutions Manual Manuscript. UWEX. Contract DAHC11-69-C-0085, Mod. No. A144 (No Account No.)
23. 1,880.00 - Department of Health, Education, and Welfare, National Institutes of Health, Arlington, Virginia. "Initiate a Plan to Return Inactive Health Professionals to Active Employment" for the period June 15, 1967 through Nov. 30, 1968 at a total cost of \$31,077. UWEX, Liberal and Professional Education, Health Science Area, Nursing. Contract PH108-67-219, Mod. No. 4 (144-7919)
24. 3,250.00 - State of Wisconsin, State Agency to administer 1968-69 allotment from the Office of Education, Department of Health, Education, and Welfare, under Title I of the Higher Education Act of 1965. "Paint-Box Art Center" for the period Oct. 1, 1968 through June 30, 1969. UWEX, Liberal and Professional Education, Art Education. Project 310-R (144-9379)

Gifts-in-Kind

1. ~~Briggs & Stratton Corp.~~, Milwaukee, Wisconsin, a gift of a cut-away motor to the College of Applied Science and Engineering, UWM.
2. ~~Burr-Brown Research Corporation~~, Tucson, Arizona, a gift of numerous items of equipment including amplifiers, a power booster, and a switch, for use in biomedical instrumentation in the College of Engineering.
3. ~~Martin Meyer~~, Milwaukee, Wisconsin, a gift of a Star Class Sailboat, complete with mast, rig, sails, trailer, and miscellaneous fittings, for use in the activities of the Memorial Union. The craft is evaluated by the donor at approximately \$1,500.
4. UNIVAC Division of ~~Sperry Rand Corporation~~, Philadelphia, Pa., a gift of the machinery listed below, evaluated at the prices shown, by the donor, to be used in the Computing Center:

9300 Processor	\$ 25,175
Printer Expansion	2,840
8K Memory	22,070
Card Reader	6,000
Card Punch	6,150
Multiplexer I/O Channel	3,060
ICCU - 1108	8,030
Multiple Strobe Read Checking	1,090
Uniscop-300 Single Station	<u>15,140</u>
	89,555
5. Gifts of materials to be housed in the Manuscript Division of the State Historical Society:
 - (1) ~~N. Richard Nash~~, New York City - variant drafts of scripts with correspondence and other related materials, independently evaluated at \$7,662.50
 - (2) ~~Walter Slezak~~, Ticino, Switzerland, a complete set of New Yorker magazines
 - (3) ~~Gore Vidal~~, Barrytown, New York - variant drafts of scripts with related materials
 - (4) ~~George Seaton~~, Beverly Hills, California - variant drafts of scripts, shooting schedules, production data, correspondence and related materials, independently evaluated at \$3,500
 - (5) ~~Arthur Centor~~, New York City - publicity files for productions on television and the stage
6. Mrs. ~~Irwin H. Bzehr~~, Milwaukee, Wisconsin, a gift of a violin and a viola to the University of Wisconsin-Milwaukee Music Department. The instruments have been independently evaluated at \$900.
7. ~~Madison Weavers' Guild~~, Madison, Wisconsin, a gift to the Department of Related Arts - College of Agricultural and Life Sciences of a Le Clerk loom as a memorial to the late Professor Helen Louise Allen. The loom has been appraised at approximately \$450.
8. ~~D. F. Reinoehl~~, Darlington, Wisconsin, a gift to the Law Library of 457 volumes of the North Western Reporter, Series 1 and 2, evaluated by the Law Librarian at \$1,071.

Gifts-in-Kind

9. ~~RKO~~-Stanley Warner Theatres, New York City, a gift to the University of Wisconsin-Parkside of a Barton theatre pipe organ and a Barton console lift, valued respectively at \$26,500 and \$3,000. The Dairyland Chapter of the American Association of Theatre Organ Enthusiasts has guaranteed the removal, storage, reconditioning and reinstallation in the auditorium at Parkside at no cost to the University of Wisconsin.
10. Professor Dorothy H. ~~Strong~~, Madison, Wisconsin, a gift of books to the University of Wisconsin-Parkside, evaluated by the donor at \$700.
11. ~~Westinghouse~~ Electric Corporation, Pittsburgh, Pennsylvania, a gift to the College of Engineering for use in their laboratories and as teaching aids of three integrated circuits designer's kits evaluated by the donor at \$5,520 and four semi-conductor designer's kits evaluated by the donor at \$4,480.
12. Mrs. Mary ~~Zimmerman~~, Waukesha, Wisconsin, a gift of 406 books including The Heritage Book Club titles and the Usher History of Wisconsin to the University of Wisconsin-Milwaukee Library. The collection has been evaluated by the Director of Libraries at approximately \$362.
13. Mrs. Elizabeth ~~Young~~, Encino, California, a gift of variant drafts of scripts with related materials to be housed in the Manuscript Division of the State Historical Society. The materials have been independently appraised at \$14,135.

GIFTS, GRANTS, AND U. S. GOVERNMENT CONTRACTS

6 December 1968

	Items Processed 10/22/68 through 11/25/68 to be <u>Accepted 12/6/68</u>	Items Processed 11/7/67 through 12/4/67 Accepted <u>12/15/67</u>
Unrestricted	\$ 12,525.00	\$ 250.00
Instruction	226,015.97	60,226.18 CR
Student Aid	72,412.73	93,051.92
Research	2,566,163.99	1,389,570.87
Libraries	260.00	130.00
Physical Plant	(136.35)	10,667.00
Miscellaneous	69,550.65	13,586.02
Gifts-in-Kind	<u>153,815.50</u>	<u>157,515.00</u>
Totals, December	\$ 3,100,607.49 (1)	\$ 1,604,544.63 (2)
Previously Reported	<u>30,199,197.41</u>	<u>43,769,308.02</u>
GRAND TOTALS	\$33,299,804.90	\$45,373,852.65

(1) Includes \$2,457,361.77 from Federal Agencies

(2) Included \$1,133,748.82 from Federal Agencies

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS

to the

BOARD OF REGENTS

AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD

December 6, 1968

Report of Action Taken - Property Purchase

Pursuant to authority granted by the Regents, and subject to the approval of the Governor and clearance of title by the Attorney General, the following purchase of property by the Regents, within the approved campus expansion area, Madison, has been agreed upon (purchase approved by the State Building Commission on November 11, 1968):

1006 Spring Street
Madison City Parcel #175-6
Mrs. Victoria Salerno

\$17,125.00

EXHIBIT A

Motion: That the Faculty repeal Sec. 5.91 of the University Rules and Regulations, and adopt the following legislation revising the Faculty action taken at its special meeting on May 13, 1968, in conformity with Chapter V of the Regent By-Laws, adopted by the Board of Regents on July 19, 1968.

- A. Disciplinary Action by the Administration. With respect to a case of alleged misconduct by a student as defined in Chapter V, Section 4 of the Regent By-Laws adopted by the Board of Regents July 19, 1968, the Administration performs the following functions as appropriate:
1. It receives reports of the alleged misconduct.
 2. It counsels the student, after as well as before the alleged incident, if possible, and makes available to the student the various university facilities which may be helpful.
 3. It investigates the alleged incident by obtaining reports and documents, and by interviewing those who were involved.
 4. It refers alleged misconduct to governmental authorities in appropriate cases.
 5. It decides whether the alleged misconduct requires that some University action be taken.
 - (a) After adequate investigation, it may impose disciplinary punishment less severe than suspension, provided that the student is first notified and given an opportunity to make any statement he wishes in his own behalf. In its discretion, the Administration may refer any such case to the Committee for Student Conduct Hearings, rather than impose the lesser punishment itself. If the Administration imposes punishment pursuant to this power, rather than referring the matter to the Committee on Student Conduct Hearings, the student shall have the right to appeal directly to the Committee for Student Conduct Appeals which shall, if the student so requests, give him a full hearing. In any case where the Administration acts pursuant to this section, the penalty imposed by the Administration shall not be increased in any subsequent appeal.
 - (b) In special cases, where there is a strong indication that the student's misconduct will be repeated or continued, or where the Administration believes that it is necessary to permit the University to carry on its functions, it may impose immediate suspension, with resultant loss of all student rights and privileges, provided that the student shall have the right to an immediate review by the Committee on Student Conduct Appeals, limited to the question whether temporary suspension should continue until the hearing before the Committee on Student Conduct Hearings.
 - (c) It may elect to refer the case to the Committee on Student Conduct Hearings with a recommended penalty of suspension or expulsion; if expulsion is recommended, the student shall be given the option of resigning from the University "under charges", in which case the proceedings will end, the phrase "resigned under charges" will appear

EXHIBIT

B

on the student's transcript, and the student's right to apply for reinstatement will be the same as if he had been expelled. If the Administration believes that suspension is the maximum penalty required, and intends to make such a recommendation to the Committee on Student Conduct Hearings, the student shall be given the option of requesting leave "under charges" for the time the proposed suspension would have run, with a similar entry on the student's transcript. Any such resignation or request for leave under charges shall be entirely voluntary with the student, but if signed voluntarily by the student, shall be given effect and shall end the proceedings in the case.

B. Committee on Student Conduct Hearings.

1. The Committee on Student Conduct Hearings includes four faculty members to be nominated by the Committee on Nominations and elected by the Madison faculty, two each year for two-year terms; four student members, to be selected annually; and a chairman, who shall be a member of the Law Faculty or other faculty member with legal background, who shall be elected for a two-year term by the faculty, on nomination by the Committee on Nominations. The chairman shall vote equally with other members of the Committee. A student shall be heard exclusively by the faculty members if he so requests. Whenever the Committee sits in any case, it must include at least three faculty members and it must be composed in fact of a majority of faculty members.
2. The student members of the Committee shall be appointed by WSA; at least two must be undergraduates.
3. The Committee has authority to hear and decide cases involving the policies of the University on all matters of individual student conduct, at the request of the Administration, and exercises the powers of reprimand, disciplinary probation, suspension, expulsion, and other corrective measures.
4. The Committee on Student Conduct Hearings shall assure due process by giving the parties adequate notice, by fixing a reasonable hour for the hearing, by affording the student an opportunity to be represented by any person of his own choice, and by conducting a prompt, fair and orderly hearing. Once adequate notice and a reasonable time for preparation have been afforded, and having fixed a reasonable date and time for the hearing the Committee shall have authority to proceed at the appointed time whether or not the student appears.
5. The deliberations of the Committee on Student Conduct Hearings shall not be public, but any hearing before it to receive evidence or arguments shall be public unless the student whose case is being heard requests a closed hearing, or the Committee determines that it is necessary, for instance, to preserve order or to protect the reputation of innocent persons, to close the hearing to the public.

C. Committee on Student Conduct Appeals.

1. The Committee on Student Conduct Appeals includes four faculty members nominated by the Committee on Nominations, and elected by the faculty,

two being elected each year for two-year terms, and a chairman, who shall be a member of the Law Faculty or other faculty member with legal background, and who shall be elected for a two-year term by the faculty, on nomination by the Committee on Nominations. The chairman shall vote equally with the other members of the Committee.

2. Either the Administration or the student may initiate an appeal within five days after the decision of the Committee on Student Conduct Hearings. Within seven days of receipt of notice of an appeal, the Committee on Student Conduct Appeals shall begin action on the appeal. The Committee on Student Conduct Appeals shall have plenary power to review, either de novo or on the record. The Committee has discretion with regard to the amount of evidence it hears. Where the appeal is on a limited issue, the Committee may limit evidence before it to that particular issue. In cases where a substantial (not necessarily verbatim) written record was made at the hearing below, the Committee may hear arguments, study the record, and decline to receive additional evidence. The Committee has authority to review the matter as completely as seems necessary, change the findings of fact, make its own judgment as to the seriousness of the conduct, and change or disapprove the penalty.
3. The deliberations of the Committee on Student Conduct Appeals shall not be public, but any hearing before it to receive evidence or arguments shall be public unless the student whose case is being heard requests a closed hearing, or the Committee determines that it is necessary, for instance, to preserve order or to protect the reputation of innocent persons, to close the hearing to the public.
4. A quorum of the Committee shall be three, and three members must concur in reversing or otherwise changing the action appealed from.
5. The Chancellor shall have discretion during the year to appoint a member to replace, temporarily or until the next regular election, any member who is unable or unwilling to serve.
6. The Committee on Student Conduct Appeals shall have jurisdiction over appeals from disciplinary action imposed upon individuals directly by the Administration, and from the highest student court in which a decision may be had; except that the Committee shall have no jurisdiction in cases involving questions internal to WSA and to autonomous student organizations, and student violation of University traffic regulations.
7. Pending appeal, any penalty imposed by the authority appealed from will be in force, except that the Committee on Student Conduct Appeals may in its discretion stay the penalty upon petition by the student.
8. The Committee on Student Conduct Appeals shall assure due process by giving the parties adequate notice, by fixing a reasonable hour for the hearing, by affording the student an opportunity to be represented by any person of his own choice, and by conducting a prompt, fair and orderly hearing. Once adequate notice and a reasonable time for preparation have been afforded, and having fixed a reasonable date and time for the consideration of the appeal, the Committee shall have authority to proceed with the appeal at the appointed time whether or not the student appears, and whether or not the Administration is represented.

D. Committee on Student Conduct Policy

1. The Committee on Student Conduct Policy includes six faculty members, of whom three shall be elected each year for two-year terms, on nomination by the Committee on Nominations, and five student members, who shall be appointed annually by WSA. The Committee shall elect its own chairman from among the faculty members. A quorum of the Committee shall consist of six members, of whom at least four shall be faculty members.
2. The Committee on Student Conduct Policy has the following functions:
 - (a) Studies practices and policies regarding student conduct and makes recommendations to the Administration, the Faculty and the Regents.
 - (b) Serves as the primary agency for observing and evaluating how substantive, structural and procedural aspects of student discipline function.
 - (c) Recommends changes regarding student conduct policy, whether substantive, structural or procedural, to the Administration, the Faculty and the Regents; and considers recommendations which originate with the Administration, WSA, the Committee on Student Conduct Hearings, the Committee on Student Conduct Appeals, or any other committee or source.
 - (d) Solicits the views of persons and committees in the Madison unit who have had the responsibility for dealing with student conduct.
 - (e) Studies and reports to the Administration, the Faculty or the Regents on matters of student conduct policy.
 - (f) Considers the desirability of preparing and promulgating a Student Conduct Code, and if it is thought desirable, it may (with appropriate staff assistance) draft such a code for submission, following consultation with WSA, to the Administration, the Faculty and the Regents.
3. The Committee's function is neither legislative nor judicial, nor does it oversee or review the Committee on Student Conduct Hearings, the Committee on Student Conduct Appeals, the Administration, or the Regents, nor does it hear or consider whether existing policy or rule ought to be applied in any individual case that has not been fully determined.

E. Student Court. With regard to the disciplining of individual students, the jurisdiction of Student Court is confined to traffic cases and cases of minor property damage.

F. Nothing contained herein shall be construed to sanction any action by the University which denies to any University student in his relation to the University the same kind of due process, rights, privileges and immunities accorded to United States citizens by the Constitution of the United States and of the State of Wisconsin.

EXCERPTS FROM

UNIVERSITY OF WISCONSIN (MADISON CAMPUS) FACULTY DOCUMENT 228 - October 14, 1968
(As amended and approved by the Faculty, November 4, 1968)
ANNUAL REPORT OF THE COMMITTEE ON STUDENT LIFE AND INTERESTS

* * *

Over the past year the Committee has reviewed many policies and regulations affecting students and student organizations. In its review, which is still incomplete, the Committee has considered the recommendations of the Ad Hoc Committee on the Role of Students in the Government of the University (Faculty Document 219, May 13, 1968), as well as the recommendations of faculty, students, and student groups.

Policy changes already reported to the Faculty concerned the elimination of women's hours, the addition of a parental exception clause to freshman and sophomore housing requirements, and the elimination of a housing requirement for junior students and those students over 20 years of age (Faculty Document 203, April 1, 1968, approved by the Regents on May 17, 1968).

RECOMMENDATIONS

In addition to those policy changes already accepted by the Faculty and the Regents, the Committee recommends the following changes in regulations affecting students:

- A. Academic Eligibility for Participation in Student Organization Activities.
The Faculty and Regents should impose no academic eligibility requirements for student participation in student organizations, except that the participant be enrolled in the University on a full-time basis.

This provision shall not apply to student participation in student organizations sponsored by academic departments. The eligibility requirements for participation in intercollegiate athletics which are under the direction of the Athletic Board and the Department of Intercollegiate Athletics shall be those of the Intercollegiate Conference of Faculty Representatives.

COMMENT: The recommended change is a move toward the elimination of an in loco parentis role for the Faculty and is in agreement with the approach of the Ad Hoc Committee on the Role of Students in the Government of the University.

The main effect of this recommendation is that it would place responsibility for academic eligibility requirements for membership in or leadership in student controlled organizations with each organization. (At present WSA sets the academic requirements for Senate candidates, yet its requirements are subject to approval by the Faculty.) Each of the specific offices listed in the current regulations would be subject to academic requirements set by the organization without reference to the approval or disapproval of the Faculty.

It would have no effect on academic requirements set by departmentally sponsored clubs or organizations. For example, musical organizations sponsored by the Department of Music would remain outside the jurisdiction of this recommendation. (It is specifically noted that varsity athletics are outside the jurisdiction of this recommendation.)

EXHIBIT

It would have no effect on the selection of students by the Faculty or the Administration to represent the Madison Campus. This is not a change since these selections are usually made on an ad hoc basis, i.e., normally they would not be included in eligibility requirements. The Committee believes that academic eligibility requirements have been ineffective in protecting the student or the organization. A University student is capable of deciding whether or not he has the time and the talent to undertake a demanding position, and student organizations are capable of setting whatever requirements they feel necessary to insure credibility and to guarantee continuation of membership and/or leadership over a prescribed period of time.

- B. That the Committee on Student Housing, recommended by the Ad Hoc Committee on the Role of Students in the Government of the University, be established immediately, and that it include the following members: four members of the teaching faculty, appointed by the Chancellor, of whom one shall be designated by the Chancellor to serve as chairman; three students, (the President of A.W.S. and two others to be selected by W.S.A.); and one non-voting member from the staff of the Dean of Students, to be designated by the Chancellor. The Chancellor and the President of the W.S.A. shall be empowered to appoint alternates to assure full representation of both faculty and students at the meetings of the committee.

COMMENT: Should this recommendation be accepted by the Faculty, the Committee on Student Life and Interests and its Sub-committee on Living Conditions and Hygiene would be relieved of responsibilities in the area of student housing. This step would be in agreement with the recommendations of the Ad Hoc Committee on the Role of Students in the Government of the University. The Committee on Student Life and Interests endorsed this recommendation unanimously.

- C. That the Committee on Student Organizations, recommended by the Ad Hoc Committee on the Role of Students in the Government of the University, be established immediately, and that it include the following members: four members of the teaching faculty, appointed by the Chancellor, of whom one shall be designated by the Chancellor to serve as chairman; three students, (the President of the Wisconsin Union and two others to be selected by W.S.A.); and one non-voting member from the staff of the Dean of Students, to be designated by the Chancellor. The Chancellor and the President of the W.S.A. shall be empowered to appoint alternates to assure full representation of both faculty and students at the meetings of the committee.

COMMENT: Should this recommendation be accepted by the Faculty, the Committee on Student Life and Interests and its Sub-committees on Publications, Fraternal Societies and Social Life, and General Student Organizations and Politics would be relieved of their responsibilities. The Ad Hoc Committee on the Role of Students in the Government of the University, in its report, developed some general principles for this committee but did not spell out specific details. The majority membership of the Committee on Student Life and Interests believes that these specific details should be developed by the Committee on Student Organizations, with the freedom to determine which of these responsibilities of University concern are to be administered by the Committee and which are not.

- D. Recommendation on Coordinated Programming.

1. The planning and coordination of cultural programs is a matter of concern to the Faculty and specific departments as well as to the general campus community.

- a. In general, the Faculty has a proper interest in the nature and coordination of campus programs insofar as (1) the Faculty conceives that cultural programs provided for the University community ought to have educational values defined and (in some degree) controlled by the Faculty, (2) the Faculty believes that the use of University facilities is a matter of faculty concern and control, and (3) the stature of the University is increased or diminished by the quality of the cultural programs it provides.
 - b. Specifically, several academic departments (such as Speech, Music, Dance) produce cultural events as a necessary part of their instructional programs, and therefore, require the use of a stage or auditorium in the same sense that other departments require a classroom or laboratory. (For example, in the School of Music a recital is a degree requirement for some students—and in Speech there are similar requirements.) There is a real difference between cultural events which are parts of academic programs and those which are not.
2. Coordinated programming, whether controlled by a faculty committee or a student committee, involves several very perplexing problems which should be made clear:
- a. Mutually destructive competition. All the cultural programs sponsored during a year by academic departments, the Wisconsin Union, and numerous student organizations, involve a very large sum of money and, not less important, the energies and talents of many students and faculty members. Present regulations afford sponsoring agencies a degree of "protection". However, if any student organization could sponsor any kind of cultural event (as some students now advocate), then directly competing organizations might damage one another severely.
 - b. Should any organization be permitted to sponsor any type of event? Present regulations hold that an organization may sponsor events which are in agreement with the purposes stated in its constitution. If this regulation were to be discarded, then an organization might sponsor any kind of event. A political action organization, for example, might book the Boston Symphony Orchestra.
 - c. Should organizations use cultural events and University facilities in order to raise money? If any organization could sponsor any cultural event and if fund-raising were an approved motive, then one should expect that many student organizations now experiencing financial difficulties will seek to raise money by sponsoring events which are not only unrelated to their stated purposes, but which compete with events sponsored by other organizations. This raises important questions: (1) Should cultural events on campus be used to raise funds? (2) Should University facilities be used to raise funds for any and all student organizations? (3) Should members of the University community who attend plays, concerts, and films be placed in the position of giving financial support to organizations or causes by their decision to buy tickets?

The above problems are very real, and their resolution will affect all elements of the campus community.

3. The soundest principle upon which scheduling priority may be assigned is the organization's educational affiliation, function, and service. Accordingly, three categories of organizations may be distinguished.
 - a. Organizations affiliated officially with an academic department and/or operating as a part of a program of instruction. As examples of departments or divisions whose organizations fall in this category are Speech, Journalism, School of Music, Dance, the Union Music, Film, Theater and Gallery Committees. Such organizations should have first priority in scheduling dates and facilities, and moreover they should be protected from damaging competition. (Category I)
 - b. Organizations not affiliated officially with an academic department and not operating as part of a program of instruction, but whose purposes and energies are directed clearly and exclusively to excellence in one of the fields above mentioned (for example, film, drama, dance, or literature). Such organizations should normally have second priority. (Category II)
 - c. Organizations which fall outside the above categories but which occasionally desire to sponsor a play, film, musical event, or similar program which conveys a message that is directly relevant to the central purposes of the organization. Such organizations should normally have third priority. (Category III)

4. Recommendations

- a. Category I organizations shall continue to coordinate their programs by means of interdepartmental cooperation and are accorded first priority in the scheduling of facilities.

(Category I definition: Organizations affiliated officially with an academic department and/or operating as a part of a program of instruction. As examples of departments or divisions whose organizations fall in this category are Speech, Journalism, School of Music, Dance, the Union Music, Film, Theater and Gallery Committees. Such organizations should have first priority in scheduling dates and facilities, and moreover they should be protected from damaging competition.)

- b. Category II and Category III organizations frequently sponsor programs which in no way compete with programs sponsored by Category I organizations. Such non-competitive programs should be coordinated through whatever agency the organizations choose to provide in order to assure mutual benefit.

(Category II definition: Organizations not affiliated officially with an academic department and not operating as part of a program of instruction, but whose purposes and energies are directed clearly and exclusively to excellence in one of the fields above mentioned, for example, film, drama, dance, or literature. Such organizations should normally have second priority.)

(Category III definition: Organizations which fall outside the above categories but which occasionally desire to sponsor a play, film, musical event, or similar program which conveys a message that it directly relevant to the central purposes of the organization. Such organizations should normally have third priority. WSA will decide when registering an organization whether or not it is either a Category II or Category III organization, but not both.)

- c. Category II and Category III organizations sometimes seek to sponsor programs which might compete with programs sponsored by Category I organizations. In all such cases, requests to sponsor a program must be approved by a Coordinated Programming Committee.
 - d. A Coordinated Programming Committee should be created, consisting of four faculty members representing various Category I organizations, one of whom should serve as chairman, and all appointed by the Chancellor; and three students representing various Category II and III organizations appointed by WSA from a slate submitted by the affected organizations. The central functions of the Committee would be (1) to determine whether any program proposed by a Category II or III organization would significantly impair the effectiveness or programs sponsored by Category I organizations, and (2) to assist all organizations in their efforts to coordinate programs. This Committee would have no power to assign facilities or to regulate the programming of Category I organizations. The Chancellor and the President of the W.S.A. shall be empowered to appoint alternates to assure full representation of both faculty and students at the meetings of the committee.
- E. That Section 2 of Article V of the Wisconsin Student Association Constitution titled "Composition" outlining the selection and structure of the Student Court be approved.

COMMENT: At the present time, the Committee on Student Life and Interests nominates students for service on Student Court to the Student Senate. The procedure is prescribed in Chapter 5 of the Faculty Laws and Regulations. Should this recommendation be accepted, judges for Student Court will be appointed by the W.S.A. President with the consent of the Student Senate.

- F. That the duties and responsibilities of the Committee on Student Life and Interests as outlined in Chapter Five of the Faculty Laws and Regulations be transferred in an orderly fashion to such other standing committees of the Faculty with student membership or agencies of student government as the Faculty may determine.

During this transition period, we suggest that:

1. the concerns of the Living Conditions and Hygiene Subcommittee of the Committee on Student Life and Interests be transferred to the Committee on Student Housing.
2. the concerns of the Forensics, Dramatics, and Music Subcommittee be transferred to the Committee on Coordinated Programming.

3. the concerns of the Publications Sub-committee be transferred to a Committee on Student Organizations.
4. the concerns of the Fraternal Societies and Social Life Sub-committee be transferred to the Committee on Student Organizations.
5. the concerns of the General Student Organizations and Politics Sub-committee be transferred to a Committee on Student Organizations.
6. the responsibilities for the development of the official calendar for events involving the participation or attendance of considerable numbers of students be transferred to the Committee on Student Organizations.

That following the creation of these Committees and the appointment of their membership, the Committee on Student Life and Interests be released from its obligations to the Faculty and to the Madison Campus and be dismissed.

* * *

REPORT OF THE EXECUTIVE COMMITTEE
to the
BOARD OF REGENTS

December 6, 1968

The following resolutions have been adopted by the Executive Committee since the November 1, 1968 regular meeting of the Board, and are presented for the record as official actions of the Executive Committee:

1. In accordance with the action of the Regents on November 1, 1968:

"That the Executive Committee be authorized to act for the Board in authorizing the Administration to request from the Board on Government Operations additional funds to cover the costs of increased enrollment for fiscal year 1968-69, when the final figures are known."

the Administration has filed with the Board on Government Operations, pursuant to authorization of the Executive Committee by telephone vote on November 6 and 7, 1968, a request for additional funds in the net amount of \$885,970.00.

2. That, subject to the approval of the Governor and the State Director of Engineering, contracts for Lakeshore Rehabilitation, Madison Campus, Project No. 6606-12, be awarded to the low bidder in each division of the work, on the basis of the base bids, with negotiated deductions accepted as indicated, as follows; that any Vice President or Associate Vice President of the University be authorized to sign the contracts; and that the following schedule of costs be approved:

General Construction	Base Bid No. 1		\$265,332.00
Garrett Construction Co., Inc. Madison, Wisconsin	Negotiated Deductions	-	<u>29,720.25</u>
Net Contract Award - Base Bid No. 1			\$235,611.75
Storm Water & Underdrainage Systems			
Garrett Construction Co., Inc. Madison, Wisconsin	Base Bid No. 2		\$ 7,476.00
Electrical			
Capital Electric Co. Madison, Wisconsin	Base Bid No. 3		\$ 5,562.00

Schedule of Costs

Total Construction Contracts	\$248,649.75
Design and Supervision	27,200.00
Contingencies	<u>4,150.25</u>
Total Schedule	\$280,000.00

Source of Funds:

State Building Trust Funds (Campus Improvements) authorized 6/13/66 - Release No. 1817		\$130,000.00
Increase in State Building Trust Funds authorized 5/23/68 - Release No. 2169		<u>100,000.00</u>
Total State Building Trust Funds		\$230,000.00
Alumni Gift Funds		50,000.00
Total Funds		<u>\$280,000.00</u>

(Mail vote initiated 11/7/68)

EXHIBIT

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3. That the President of the University of Wisconsin be authorized to sign on behalf of The Regents of the University of Wisconsin an Institutional Patent Agreement covering grants and awards from the Department of Health, Education, and Welfare of the United States of America (copy of Agreement on file).

(Telephone vote November 22, 1968)



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

EDUCATIONAL COMMITTEE

Recommendation:

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

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

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

EXHIBIT E

12/6/68

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Proposed Program In
Engineering and Area Studies

The College of Engineering and the Ibero-American Studies Committee propose to collaborate in a program to maximize the utilization of the University's resources for the benefit of those students who wish to prepare themselves to practice their profession in the Spanish speaking parts of the hemisphere.

This can be accomplished by a realignment of course requirements and concentration of elective courses. The program draws upon courses currently offered in the College of Letters and Science and in the College of Engineering. No additional courses are required and no additional staff are required for implementation. By agreement between the two colleges and with approval of the administration the resources of both colleges are made available to the student pursuing the Master of Science degree in engineering so he can develop an understanding of Latin America simultaneously.

The attached appendix shows under III CURRICULUM the proposed catalog statement for the program as approved by the faculty of the College of Engineering, the Administrative Committee of the Graduate School and the Administrative Officers of the University.

It should be noted that the degree granted upon completion of the program will be one of those now conferred by the University, that is Master of Science-Engineering or Master of Science (Electrical

EXHIBIT

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102

Engineering), (Civil Engineering) etc. The student transcript will carry information on the area studies courses carried. A certificate showing the Latin American area courses carried successfully may also be given as proof of completion.

The University of Wisconsin has an internationally recognized excellent College of Engineering. It also has an Ibero-American Studies program of long standing and internationally recognized quality. This proposal would remove traditional barriers between them and allow the interested student to prepare himself to play his professional role in the broadest sense in the Western Hemisphere.



College of Engineering
Foreign Programs
651 University Avenue
Madison, Wisconsin 53706

MASTER OF SCIENCE PROGRAM IN
ENGINEERING AND AREA STUDIES (LATIN AMERICAN AREA)

I INTRODUCTION

The Master of Science Program in Engineering and Area Studies (Latin American Area) is intended for the student who desires to be operating one day in engineering affairs abroad. It is designed to provide the student with some knowledge and understanding of the Latin American world plus a general understanding of international affairs and some of the problems of development now confronting most regions of the world. This background in combination with the student's engineering skills is intended to promote greater professional effectiveness, particularly in managerial roles, in international engineering practice.

The program enables the engineering student to undertake study of various aspects of Latin America while pursuing his M.S. degree in the College of Engineering. As an undergraduate the student takes courses in introductory economics and foreign language (Spanish or Portuguese). As part of his graduate program, he selects a combination of studies from a wide variety of courses offered by the departments of Anthropology, Business, Economics, Geography, History, Political Science, Sociology, and other departments cooperating in the Ibero-American Area Studies Program.

The Master of Science Program in Engineering and Area Studies (Latin American Area) may lead to either an M.S. degree with departmental designation (e.g., Master of Science-Chemical Engineering) or the M.S. degree without departmental designation (Master of Science-Engineering).

II MASTER OF SCIENCE PROGRAMS IN ENGINEERING AND AREA STUDIES

The University offers a number of area studies programs dealing with most major regions of the world. Students with interests in areas other than Latin America are encouraged to inquire about arranging a program which would draw upon existing resources of one of the other area studies programs, e.g., African Studies, East Asian Studies. In any such program, the foreign language as well as the 15-credit area studies portion of the graduate program would vary depending on the area of interest.

An M.S. program in engineering and area studies offers unusual opportunities to veterans of the armed forces, the Peace Corps, and similar organizations, and to other students (including foreign students) with international interests. This program in Latin American studies is particularly well-suited to students who have been associated with the Wisconsin-Monterrey Junior Year Abroad Program sponsored by the College of Engineering and who have taken their undergraduate work at the Instituto Tecnológico y de Estudios Superiores, Monterrey, México, the University of Wisconsin, or other cooperating institutions.

III CURRICULUM

The Master of Science Program in Engineering and Area Studies (Latin American Area) is a 30-credit program. Since Latin American (Ibero-American) area courses are generally not offered during summer sessions and because maximum credit loads might be undesirable, students are encouraged to plan to meet requirements in a minimum of 3 semesters.

Students may pursue either a regular M.S. degree with departmental designation or the M.S. degree without designation. Candidates for either M.S. degree who have completed the necessary undergraduate preparation (section V) must meet the following requirements.

1. The student must complete a minimum of 15 graduate credits* in a coordinated program of engineering studies planned with the advice and approval of his advisor in the pertinent engineering department (or the College of Engineering Graduate Committee if pursuing the M.S. degree without designation). The pertinent department or the College of Engineering Graduate Committee as appropriate may relax the 15-credit requirement in special cases.
2. The student must complete a minimum of 15 graduate credits* in a coordinated program of courses in Latin American area studies chosen from a list of course offerings approved by the administering committee. The student will plan his phase of his program with the advice and approval of his advisor in the pertinent engineering department (or the College of Engineering Graduate Committee if pursuing the M.S. degree without designation), and an area studies representative designated by the administering committee.

*A thesis may be included at the discretion of the student's engineering department. In some cases, more than 15 graduate credits of engineering studies (part 1, above) may be required by the department.

IV ADMINISTRATION

The administering committee to be appointed by the Dean is responsible for general supervision of the program, for matters pertaining to financing the program, and for awards of assistantships in the field of engineering and area studies. The committee may lend assistance to departments of the University working on the development of new courses in the field of engineering and area studies.

The Committee and the department (or the College of Engineering Graduate Committee in the case of the M.S. degree without designation) will receive and act jointly on applications to the program. The departments (or the College of Engineering Graduate Committee in the case of the M.S. degree without designation) will make recommendations to the Graduate School for recipients of the degree.

V REQUIREMENTS FOR ENTRANCE

This program is open to graduates of engineering and related physical sciences who meet the general requirements for admission to the College of Engineering and the Graduate School.

Students entering the program should have completed the following courses or their equivalents.

Economics	101	(4 cr.)	-General economics
Spanish	101	(4 cr.)	-First semester (oral emphasis)
Spanish	102	(4 cr.)	-Second semester (oral emphasis)
*Spanish	201	(4 cr.)	-Third semester (oral emphasis)
*Spanish	202	(4 cr.)	-Fourth semester (oral emphasis)

Language requirements may be met by attainment examination (oral and written). A comparable sequence in Portuguese may be substituted for the sequence in Spanish. Note that graduate credit is not given for courses numbered under 300. The administering committee and the student's engineering department are jointly responsible for the determination of the adequacy of the student's undergraduate program and record in meeting requirements.

VI REQUIRED COURSES IN AREA STUDIES

The student's M.S. program should be weighted with courses dealing specifically with the Latin America area. Economics 462, Economic problems of Latin America, is highly recommended. Courses are to be chosen from a list of area studies course offerings approved by the administering committee. Courses taken to meet the requirements for admission to the program (as stated in Section V) may not count as part of the 15-credit area studies portion of the graduate program.

* The equivalent of this work is completed at ITESM by Wisconsin-Monterrey Program participants.

The University of Wisconsin
Madison

Document in support of a
Proposal for a
Doctor of Musical Arts Degree (A.Mus.D.)

Submitted by
The Faculty of the
School of Music

Dale W. Gilbert, Chairman
112 Music Hall
Area Code 608
Telephone number: 262-3190

November 1968



EXHIBIT
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222

Proposal for a
Doctor of Musical Arts Degree (A.Mus.D.)

I. DESCRIPTION OF PROGRAM

A. Nature and Objectives

For the creative music scholar in performance, the A.Mus.D. degree is especially designed to develop and enhance the creative aspects of the art of music through performance. For the most part, the student will devote his energies to the careful study of performance-related topics. Through performance he will be expected to demonstrate acceptable solutions to problems of interpretation and performance practices. He will also be expected to develop, through professional level public concerts, an extensive performance repertory. Furthermore, he must broaden his knowledge and command of the body of music literature for his instrument.

For the creative music scholar in composition, the A.Mus.D. is planned as a practitioner's degree, to develop the creative aspects of the art of music as they relate to the composition of music. The student will concentrate his talents and energies in a detailed study of the art and craft of composing. He will also be expected to expand his knowledge of all of the various musical forms and the great body of musical literature which these forms encompass. Furthermore, he must produce a sizeable number of original compositions for public performance which will demonstrate his creative and technical abilities.

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

During the past decade, the A.Mus.D. in performance has been introduced at a growing number of major institutions of higher learning in the United States. It is obvious that this degree, or a similarly conceived degree, will be embraced by other educational institutions within the near future. The University of Wisconsin, because of its great traditions of professional and academic excellence, is in a singularly influential position to enunciate concepts and objectives, to shape content, and to help create and maintain for this degree programs of quality and stature. The standards which this university can establish will be instrumental in lending to this degree professional acceptance and academic respectability.

C. Relationship of program to existing programs at the University

The University of Wisconsin has a long tradition of excellence in its Ph.D. programs. Requirements for the A.Mus.D. degree will meet or exceed all minimum requirements of the Graduate School for the Ph.D. for residence, major and minor fields, language and comprehensive preliminary examinations, and the final oral examination. Both degree programs are essentially the same except in the dissertation requirement. The A.Mus.D. candidate will offer a series of recitals and concerts as well as an extended written project, in dissertation format, in fulfillment of his dissertation requirement.

D. Summary of prerequisites, course structure, credit requirements, etc.

1. Course structure

The A.Mus.D. degree will be offered in the following areas of specialization:

Piano	Brass instruments	Composition
Voice	Woodwind instruments	
Organ	Stringed instruments	

Students will be admitted to the program only in those areas where sufficient literature and materials are available to carry on significant research and to produce performance of a professional calibre.

2. Prerequisites

- a. Master of Music Degree or its equivalent.
- b. Performance ability demonstrated by a thoroughly grounded technique not in need of remedial work so that the student may progress at a normal pace with his research. In the case of composition students, it will be established that the crafts, skills and mechanics of writing are well developed.

3. Residence and credit requirements

At least six semesters of residence are required beyond the Bachelor's degree, and ordinarily at least four semesters and forty-eight credit hours beyond the Master's degree. A full semester of residence is earned by completion of at least nine hours of work at the graduate level with an average grade of B.

4. Degree requirements

a. Dissertation project

1) Performance requirements

a) Candidates in vocal performance will present:

- (1) Four solo recitals. One of these will be a lecture-recital, and one will be the final recital.
- (2) Two major oratorio roles or one major opera role.

b) Candidates in all other performance areas will present:

- (1) Three solo recitals. One of these will be a lecture-recital, and one will be the final recital.
- (2) One concerto performance.
- (3) Two ensemble performances.

2) Candidates in composition must present:

- a) One major work for orchestra, or one major work for orchestra and chorus.
- b) Two additional works for different types of performance groups.

3) Written project requirements

a) Extended written project related to candidate's area of specialization

- (1) Prepared in dissertation format.
- (2) Submitted to candidate's doctoral committee one month prior to the final examination.

- b. Foreign language
 - 1) Specified by the various area committees
 - a) Voice specialization
 - (1) Satisfactory competence in two languages (French or Italian, and German)
 - b) All other areas of specialization
 - (1) Satisfactory competence in one language (Preferably French or German)
 - 2) Language substitutions may be made on recommendation of student's area committee and approval of Graduate Curriculum Committee.

- c. Requirements in major and minor and electives

Within the limits prescribed, it is recommended that between fifty and seventy percent of the total minimum requirement beyond the Master's degree, should be in the major area. It is also recommended that in the minor area of concentration, if taken in Music History, Composition, or Music Theory, between ten and eighteen hours be completed. If a minor is taken outside of music, it will be governed by the general Graduate School regulations for minors. A student's program will be worked out with the student's advisor, approved by the student's doctoral committee, and is to total a minimum of forty-eight hours beyond the Master's degree.

- d. Preliminary examination

- 1) May be taken only after:
 - a) Foreign language requirements have been successfully completed.
 - b) Required course work in music has been completed.
 - c) Deficiencies have been removed.
- 2) Will be both written and oral.
 - a) Written
 - (1) Examination in the student's area of specialization.
 - (2) Examination in the general history of music.
 - (3) Examination in the general theory of music.
 - b) Oral
 - (1) Following the written examination, and upon recommendation of the student's advisor and approval of this recommendation by his area faculty, the oral examination is taken before a special committee.
 - (2) The oral examinations will cover:
 - (a) Student's area of specialization in Performance and Literature. For composition majors, the questions relate to composition.
 - (b) General knowledge in the History and Theory of Music.
 - (c) The results of the written Preliminary Examinations.

- e. Admission to candidacy

- 1) Student is admitted to candidacy by the Dean of the Graduate School upon recommendation of the Preliminary Examination Committee.

- 2) In order to become eligible for candidacy he must have:
 - a) Completed all required course work in all areas including the minor area of concentration, if in music.
 - b) Passed foreign language requirements for his area of specialization.
 - c) Passed all required preliminary examinations.
 - d) Obtained approval from his advisor, his area committee, and his doctoral committee for the dissertation project, consisting of:
 - (1) Performance requirements, including composition.
 - (2) Written project.

f. Final examination

The final examination is required by the Graduate School when the candidate has successfully completed all requirements (technical, academic, and performance) and has demonstrated to his doctoral committee that the quality of his work warrants examination. All projects--performances or compositions, and papers--must be completed prior to the final examination. The examination will be oral, and devoted mainly to the student's area of specialization although other competencies may be examined.

II. SPECIFICATION OF NEED

A. Contribution of program to the advancement of human knowledge

The study of the performance of music has been traditionally limited, mostly in Europe, to the conservatories. This separation of performance from the history and theory of music still obtains in much of the western world so that in universities only the "scholarly" or "learned" aspects of musical study are pursued, whereas the "intuitive" or "creative" aspects of musical study are carried on in conservatories of music. In the United States the marriage of these two areas, especially at the university level, has almost done away with this historical separation. During the past half-century musical performance has gained such broad approval as a legitimate discipline in university curricula that the question of applied music's acceptability in university study today is merely academic. The demand, as well as the need, for literate performers--broadly educated musicians with strong humanities and liberal arts backgrounds--points up the necessity for the marriage of scholarly and applied musical studies at the highest level. The professional quality of applied music instruction at the university level, with the built-in machinery which exists in the university complex for controlling quality, balance, and emphasis, also suggests that this union has proved a fortunate one, and promises an even greater degree of cooperation and productivity.

B. Projection or estimate of demands and future employment trends in field

The need for a professional degree in music has grown increasingly evident. Many gifted musicians, with talent comparable to

that of professional artists, prefer careers as teacher-performers rather than careers in professional performance alone. Since the Ph.D. degree does not wholly fulfill the needs of this group of people nor accurately describe their work, some mechanism should be provided whereby they may broaden their knowledge of the literature and history of their field, further develop their creative powers in the composition or performance and interpretation of music, and have conferred upon them an academic credential which does, in fact, define what they do. At the same time, the integrity of the Ph.D. is preserved.

Throughout the United States, colleges and universities are demanding better preparation of their professorial staff. Consequently, they are recruiting people who have earned doctorates in the appropriate disciplines. For each graduate in the performance disciplines of music, there are twenty to twenty-five available positions. Only large universities such as Wisconsin can attract and hold staff members with the outstanding professional experience requisite to instruction in the performance of music. These professional musicians present their invaluable performance experience as an alternate credential. It is through instruction given by these professionals that students not having had extensive performance experience receive the training necessary to subsequently teach performance. It is such a program of study which would culminate in the A.Mus.D. degree.

III. STUDENT DEMAND

A. Indication of student desire for work in program area

Student interest in A.Mus.D. degree programs is rapidly increasing. At Wisconsin more than half of all inquiries from prospective students concerning our degree programs in music request information about a doctorate in performance. Outstanding students completing a Master of Music degree at Wisconsin seek out those schools which do offer such a doctorate, and many of these students are accepted by other institutions. Although this is not to imply that these students ought to remain at Wisconsin, it is nevertheless a clear indication of the increasing demand for such a degree program. Our own students have also indicated that since Wisconsin does not yet offer a performance doctorate, they plan to begin graduate work at some school which does, implying that such a program stimulates musical growth and promotes musical excellence at all levels.

B. Enrollment projections, and statement of assumptions underlying

Employing exceptionally high standards for entrance into the A.Mus.D. program, we anticipate admitting no more than seven to fourteen students into the program during its infancy. Limitations will also be imposed on each area of specialization based on the number of its qualified professors.

IV. INSTITUTIONAL CAPABILITY

A. Adequacy of present resources base in program field: faculty, library holdings, facilities, equipment, etc.

1. Faculty

Employed for the current academic year are three part-time and fifty-five full-time faculty members, thirty-three of whom have tenure. Within the areas of specialization for which the A.Mus.D. degree program is being proposed, there are qualified teachers to offer professional instruction and serve as major professors by virtue of their professional background and experience, their having obtained the appropriate doctorate, or a combination of both of these.

2. Facilities

Hopefully, by February 1, 1969, the School of Music will move into new facilities, which will include the following:

- a. 11 class rooms
- b. Music Library, capacity: 100,000 volumes;
- c. 3 rehearsal rooms /present holding: 55,000 volumes
- d. 127 practice rooms
- e. 27 faculty office
- f. 38 teaching studios
- g. 800-seat concert hall
- h. 200-seat chamber recital hall
- i. 175-seat organ recital hall

At occupancy, the building will be minimally equipped with pianos for all practice rooms, studios, rehearsal halls, and concert and recital halls, as well as recording and listening equipment and other specialized electronic hardware, all of which will be directly utilized by the proposed A.Mus.D. program.

B. Adequacy of resources in related or supporting fields

The Madison campus has more than adequate resources for those students who elect to pursue minors in such related fields as philosophy, history, psychology, drama, or other related disciplines.

C. Proposed basis or bases for program funding

Sometimes referred to as performance studies, applied music is customarily taught on a one to one ratio of faculty to student. This is the accepted method throughout the western world, remaining unchanged since its inception. Carefully controlling enrollment at the undergraduate and master's levels will preclude any immediate need for additional staff in the performance areas of the proposed A.Mus.D. degree program. An advanced course in musical analysis and an additional course in the literature of music may be required in the near future. After the program has been initiated, the need for one additional staff member may become evident. Careful thought has been given to the matter of staff and funding for the proposed degree program, and it is our considered opinion that only some slight adjustment will be required to implement and sustain it.

V. INTEREST AND SUPPORT ON THE PART OF ADMINISTRATION, FACULTY, AND CITIZENS

During the past thirty months nearly every segment of the music faculty has been actively involved in formulating this new doctoral program. This stimulus has proved most beneficial, and as an immediate result, large portions of the requirements for the Master's degree have been revised. The A.Mus.D. program, as proposed, was passed unanimously by the faculty of the School of Music. The new degree program was then informally discussed by the Executive Committee of the Division of Humanities, and was enthusiastically endorsed by this body. Subsequently, the proposal was sent to the Graduate School where a sub-committee of the Graduate Administrative Committee reviewed it in detail. Finally, the Graduate Administrative Committee recommended approval, and the proposal was passed by the Graduate Faculty of the Madison campus on Monday, November 18, 1968.

PROPOSED GRADUATE MAJOR IN PLANT BREEDING AND PLANT GENETICS

The University of Wisconsin
Madison

1. Description of Program

a. Nature and Objectives

Plants are, directly or indirectly, the major source of man's food, clothing, fuel, and construction materials. In addition, plants are a dominant feature of the physical environment. Since earliest recorded history, the recognized importance of plants to man has stimulated attempts to develop types more suited to his needs. More recently the development of improved plants has become systemized through the discovery of genetic principles and their application in methods of breeding. The continued concurrent development of plant breeding and plant genetics represents a desirable objective, particularly in view of the present and anticipated demands of the world's human population for plant resources.

Changes in staff and research emphasis in the College of Agricultural and Life Sciences over the last few years have altered appreciably the opportunities for graduate degree programs in the area of plant breeding and plant genetics. Formerly the Department of Genetics had a considerable number of their staff engaged in research and graduate training with higher plants. Now the Department has shifted emphasis to organisms and materials better adapted to study at the molecular level and as a consequence only a few staff members devote effort to research with higher plants. The result has been a lack of coordination for research and graduate training in plant breeding and plant genetics. Graduate degree programs arranged on an individual basis between genetics and other departments have become less satisfactory as a consequence of staff changes. Most faculty members involved view these changes as limiting the scope of graduate degree programs currently available in plant breeding and plant genetics. As a consequence, faculty members representing the Departments of Agronomy, Botany, Forestry, Horticulture, Genetics and Plant Pathology have formed an interdepartmental organization called The Plant Breeding and Plant Genetics Group. The purpose of this group is to foster an integrated approach to teaching and research in plant breeding and plant genetics on the Madison campus. The new graduate program provides for coordination and further development of this area.

The Plant Breeding and Plant Genetics graduate program represents the organization of existing resources to focus more clearly on the interdepartmental substance of plant breeding and plant genetics. Although structured to provide flexibility in curriculum planning on an individual student basis, the requirements are intended to encourage formal study which is representative of the field in addition to specialization in one or more disciplines. The objective of the program is to provide a more effective advanced education in plant science with emphasis on genetics and plant breeding as well as such other disciplines as may be relevant to the interest of the student.

EXHIBIT

H

23

b. Relationship of program to overall academic mission of the University of Wisconsin

The graduate program, to a degree varying with the needs of each student, encompasses the educational goals of the University of Wisconsin: stimulation of intellectual interests through advanced formal course work and research. The diversity of the educational objectives of the proposed program is indicated by the range of career goals for participating students. These goals include preparation for research and teaching in American universities, for research and development in industry, for research in the state and federal agencies, and for research and teaching in developing countries.

c. Relationship of program to existing programs at the University

Most students in plant breeding and plant genetics are currently awarded degrees in Agronomy, Genetics, or Plant Pathology, or in Forestry or Horticulture jointly with related departments. In some cases the interdisciplinary nature of graduate programs in plant breeding and plant genetics has been more clearly recognized with the appointment by the Graduate School of a committee to supervise a special doctoral program for an individual student. Establishment of the graduate program proposed here would provide a formal interdepartmental alternative to existing degree programs. This would be an attractive alternative to students who are primarily interested in plant breeding and plant genetics.

d. Summary of prerequisites, course structure and credit requirements

Graduate School requirements govern admission, residence, the dissertation and examinations. Students normally are expected to have had undergraduate training in the biological sciences.

Each course of study is organized on an individual basis to include course work representative of the field in addition to specialization in one or more areas of plant breeding and plant genetics. Study may include courses beyond an introductory level in disciplines closely related to plant breeding and plant genetics, e.g., biochemistry, botany, plant pathology, and statistics. Specialization to the extent of a minor will be at the option of the student's advisory committee.

For Ph.D. majors, minimal competence in one foreign language is required. Languages offered in fulfillment of the requirement must contain a substantial literature in plant breeding and plant genetics.

The core curriculum includes the following areas and courses:

<u>Area</u>	<u>Courses</u>
General Genetics	Gen. 608, Gen. 621, Gen. 631, Gen. 730
Cytogenetics and Cytology	Gen. 561, Bot. 570
Genecology	Bot. 420, Bot. 562, Bot. 802
Quantitative Genetics	Gen. 609, Gen. 610, Gen. 629, Agron. 811
Plant Breeding	Agron. 850, Agron. 370, For. 347, Hort. 627
Biochemistry & Biochemical Genetics	Bio. 501, Bio. 621, Gen. 711, Gen. 727

Attendance and participation in Seminar (Agron., Gen., Hort, 957 or Agron. 920) is expected of all program majors during each semester of residence.

Minimum course requirements in plant breeding and plant genetics are:

M.S. - ten credits in three of six course areas plus two credits of seminar (a total of 18 credits are required for the degree).

Ph.D. - minor - ten credits in two of six course areas plus two credits of seminar

- major - seventeen credits in five of six course areas plus three credits of seminar

2. Specification of Need

a. Contribution of program to the advancement of human knowledge

Areas that receive emphasis include polyploidy, germ plasm transfer, heterosis, inbreeding, hybridization, relationship of heredity and environment, mutagenesis, and quantitative, qualitative and extrachromosomal inheritance. These can all contribute to a better understanding of genetic variability and gene action and interaction.

b. Manpower demands

There are urgent manpower demands at all geographic levels.

State Level - Seed and processing crop industries are unable to fill their vacancies. There are also positions at State universities and colleges.

Regional and National Level - The United States Department of Agriculture, Industry, State Experiment Stations and Colleges all have positions open. There is also a great demand for personnel by the Canada Department of Agriculture and Canadian agricultural colleges.

International Level - The many agencies involved in problems related to world food supply, both carbohydrates and proteins, are in need of trained people. These include US Agency for International Development, Rockefeller Foundation, Food and Agriculture Organization of the United Nations, the Ford Foundation, and the Kellogg Foundation.

c. Internal development of the University

Changes in research emphasis by departments have significantly altered the opportunities to pursue graduate studies in plant breeding and genetics. During the last 10 years, 40% of the Ph.D. degrees in Genetics involved research with higher plants. However, staff changes leave the Department of Genetics with only one faculty member working with higher plants. Meanwhile other departments engaged in plant science research have increased their research activities related to the genetics and breeding of plants. The result has been that research and graduate training for students with

these interests have not been well defined. The proposed program is an attempt to coordinate and integrate graduate training in plant breeding and plant genetics.

d. Estimates of demands for graduates

The problems associated with world food supply and the rapid movement of private industry into plant breeding and genetics research dictate a greatly increasing demand for Ph.D.'s trained in these fields. Training graduate students from foreign countries as majors or minors in this area is also a serious commitment. The University of Wisconsin at Madison is one of a few institutions that can conduct a major training program.

3. Student Demand

a. The following summary indicates the number of graduate students presently engaged in advanced degree study who have expressed a desire to major in Plant Breeding and Plant Genetics as a formal graduate program.

<u>Department</u>	<u>Number of Students</u>
Agronomy	8
Forestry	3
Horticulture	11
Plant Pathology	<u>2</u>
Total	24

b. Enrollment projections indicate that the total number of students who desire a major in Plant Breeding and Plant Genetics will increase. At present, departmental assistantships are available for qualified students in addition to the number listed above. Foreign student applications exceed the number that can be accommodated. In view of the present world food shortage, the number of foreign student applicants should continue at the present rate if not actually increase. The availability of plant breeding positions at both the governmental and private industry level indicates an unfulfilled demand for personnel trained in the area of plant breeding and plant genetics.

4. Institutional Capability

a. Adequacy of present resources base in program field

Essentially all of the necessary resources are available on the Madison campus because this proposal represents coordination among well established programs. Membership in the sponsoring Plant Breeding and Plant Genetics Group is as follows:

Name	Department	No. of years at Wisconsin	No. of graduate students supervised	
			completed work	currently enrolled
Andrew, R. H.	Agronomy	22	21	2
Bingham, E. T.	"	3	1	1
Boone, D. M.*	Plant Path.	22	7	0
Drolsom, P. N.	Agronomy	10	6	3
Forsberg, R. A.	"	5	0	1
Gabelman, W. H.	Horticulture	19	29	5
Gritton, E. T.	Agronomy	3	1	1
Hagedorn, D. J.	Plant Path.	20	25	5
Hanson, E. W.*	" "	22	10	0
Kermicle, J. L.	Genetics	5	3	4
Lester, D. T.	Forestry	6	3	0
Lindsey, M. F.	Agronomy	2	2	1
Nielsen, E. L.	"	27	5	2
Ogden, W. B.	Horticulture	43	1	0
Peloquin, S. J.	"	9	18	8
Peterson, C. E.	"	<1	0	2
Rowe, P. R.	"	5	2	3
Shands, H. L.	Agronomy	36	30	5
Smith, D. C.	"	27	37	0
Smith, R. R.	"	2	0	1
Stairs, G. R.	Forestry	<1	0	3
Thien, L. B.	Botany	1	0	1
Torrie, J. H.	Agronomy	33	14	2
Williams, P. H.	Plant Path.	6	6	6

* On leave.

These staff members lead research projects in their respective areas of interest. The research, organized through the individual departments, utilizes facilities provided by the College of Agricultural and Life Sciences or the College of Letters and Science cooperatively with the Wisconsin Agricultural Experiment Station. No change in this relationship is anticipated. It is expected that the expanded Agricultural and Life Sciences Library, as housed in the Steenbock Memorial Library, will hold the basic literature sources. Presently, graduate degrees are awarded through the individual academic departments. The interdepartmental major proposed here has as a main objective the bringing of available resources more effectively to bear on graduate training in plant breeding and plant genetics.

b. Adequacy of resources in related or supporting fields

Plant genetics as a speciality and plant improvement as an applied plant science rest on a broad foundation of knowledge in the biological sciences. Graduate training depends heavily on available strength in botany, genetics, biochemistry and biometry--to name a few, and we are fortunate to have this support. Furthermore, students normally will be expected to gain competence in one or more such supporting fields.

c. Proposed basis for program funding

Funding for project work and accompanying graduate research is expected to continue as presently carried on through departmental, college and university channels. Gifts and grants would continue to come to individual staff members as at present. Extramural support should be attainable from federal agencies, private foundations and commercial enterprises.

5. Interest and Support

Informal discussions among faculty members involved in plant breeding and plant genetics, and with the Administration of the College of Agricultural and Life Sciences, led to the appointment of an ad hoc committee to consider an interdepartmental program. A primary objective was to formulate a logical and coordinated program in the graduate training of individuals with interest in plant breeding and plant genetics.

In January, 1967, the committee recommended to the Administration of the College of Agricultural and Life Sciences that arrangements be made for a meeting of all professors with interests in plant breeding and plant genetics to consider future developments, including the possibility of strengthening research and graduate training through an interdepartmental program.

In February, 1967, approximately twenty faculty members from Agronomy, Forestry, Horticulture, Genetics and Plant Pathology met and recommended that formulation of guidelines for an interdepartmental program be initiated. At the meeting Professor James Crow, Chairman of the Department of Genetics, presented a statement of support (Appendix I) for development of an interdepartmental program in plant breeding and plant genetics.

A new ad hoc committee, with representatives of the previously mentioned Departments, was appointed by the College to develop a guideline statement (Appendix II) for the Plant Breeding and Plant Genetics Group. These guidelines were approved by faculty members engaged in plant breeding and plant genetics and by Dean G. S. Pound (Appendix III). Recently members of the Botany Department have affiliated with the group. These developments indicate the support of faculty and administration.

APPENDIX I

C O P Y

2/28/67

STATEMENT ON PLANT BREEDING AND PLANT GENETICS

It is of utmost importance that the University of Wisconsin continue to develop a strong program of research and graduate instruction in Plant Breeding and Plant Genetics.

During its early years the Genetics Department was responsible for a substantial part of the plant genetics work in the College of Agriculture. In recent years the emphasis in the Genetics Laboratory has been increasingly cellular, chemical and mathematical and the work has been done more and more with microorganisms, cell cultures, and non-agricultural plants and animals. There is proportionately less work in the genetics of angiosperms, and of agricultural plants in general. This is, we believe, an inevitable and proper development for the Genetics Laboratory.

We do not have the facilities to expand in such a way as to meet all, or even a substantial part of, the needs of the University in Plant Genetics and Plant Breeding. At the same time, we want this area of research and teaching to be represented strongly. We want to support a program that would do this and would want to participate along with various plant science departments in such a program.

To this end, the Genetics Laboratory voted at its latest meeting:

"The Genetics Laboratory is interested in furthering developments in plant genetics and breeding throughout the College of Agriculture and the University and would be happy to support and participate in an interdepartmental program for graduate training and research in this area."

At a time when the Departments are organized along species lines, a program in genetics that cuts across department lines would be in order. We have precedence in molecular biology, biophysics, human biology, and endocrinology that represents a variety of levels of physical coherence, but which have in common that each sponsors a graduate training program. This would seem to me to be a good way to get started.

Above statement prepared by Professor James Crow and read by him on February 28, 1967, before a meeting of the College staff participating in plant genetics and plant breeding.

PLANT BREEDING AND PLANT GENETICS GROUP
GUIDELINES

- I. Purpose: The Group shall foster an integrated program of teaching and research in plant breeding and plant genetics.
- II. Membership: Qualifications for membership shall be (a) professorial rank, and (b) leadership of research in plant breeding or plant genetics. Membership shall be at the option of each qualified individual. Faculty members lacking the stated qualifications, but who would contribute to the purpose of the group, may be elected to membership by a two-thirds majority vote of the total membership.
- III. Chairman and Executive Committee: A Chairman shall be elected annually by the membership and shall serve as spokesman for the Group. The Chairman, together with one Group member from each Department represented, shall constitute an Executive Committee. Departmental representatives on the Executive Committee shall be chosen by their respective departments. The Executive Committee shall have the responsibilities delegated in IV plus other responsibilities delegated to it by the Group.
- IV. Meetings: The Group shall hold an annual meeting. Special meetings shall be called by the Chairman at the Direction of the Executive Committee or upon request of three or more members of the Group. Agenda shall be prepared by the Executive Committee. All members shall receive the agenda at least three days prior to each meeting of the membership. The Executive Committee shall hold periodic meetings to discuss business of the Group. A summary of each Executive Committee meeting shall be sent to each member of the Group.
- V. Functions: Functions of the Group shall be:
- A. To make recommendations to the Departments and to the Administration concerning:
 1. areas of research in plant breeding and plant genetics needing initiation or expansion, and the means of financing them.
 2. faculty appointments in plant breeding and plant genetics.
 3. courses in plant breeding and plant genetics.
 - B. To have jurisdiction over:
 1. an interdepartmental graduate program major in plant breeding and plant genetics.
 2. administration of any funds assigned to the Group.

Prepared by: J. Kermicle (Genetics)
D. Lester (Forestry)
M. Lindsey (Agronomy)

S. Peloquin (Horticulture, Genetics)
H. Shands (Agronomy)
P. Williams (Plant Pathology)

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APPENDIX III

THE UNIVERSITY OF WISCONSIN
College of Agriculture
Madison, 53706

Office of Dean and Director

April 20, 1967

TO: Chairmen of the Departments of Agronomy, Genetics, Horticulture,
Forestry, and Plant Pathology

Dear Colleagues:

I have reviewed with interest the Plant Breeding and Plant Genetics Group Guidelines statement as approved by members of the College staff from your departments. In my judgement, the proposed "guidelines" are well-conceived and provide an excellent mechanism for orderly interdepartmental consideration of the needs and future development of plant breeding and plant genetics on the campus.

It is a pleasure to approve the initiation of the Plant Breeding and Plant Genetics Group as outlined in the guidelines statement. I encourage that steps be taken to implement this development as rapidly as possible.

Sincerely,

/s/

Glenn S. Pound
Dean and Director

GSP:cq

ACADEMIC PROGRAM PROPOSAL FOR U. W. MADISON CAMPUS

A GRADUATE PROGRAM IN MATERIALS SCIENCE
LEADING TO THE M.S. AND Ph.D. DEGREES

I. DESCRIPTION OF PROGRAM

- (a) Nature and objectives: Materials science is the application of solid state sciences, principally solid-state physics and physical chemistry, to studies directed towards an understanding of the behavior of engineering materials. Most engineering materials have been developed over the centuries by pure art, but modern technological demands for specialized material properties have resulted in a changed approach, both in materials research and education in materials behavior. Specifically, the aim now is to design materials having desired properties for particular applications, this being accomplished through an understanding of materials properties in relation to basic structure.

The objective of the program is the training of graduate students to the level of the M. S. and Ph.D. degrees in materials science, and the nature of the program is such that it is expected to attract students in the physical sciences, particularly physics and chemistry, as well as engineering students.

- (b) Relationship to Overall U. W. Academic Mission: Since all civilizations depend upon available materials combined with a knowledge of how to use these materials, it is vital that educational provisions for such studies be available in the major universities. Also, as defined in I(a) above, Materials Science is one of the very best examples of the interplay between science and engineering, and the participating students will have an unusually broad educational experience resulting simply from working on the borderline between two disciplines. The advantages of interdisciplinary co-operation have been amply demonstrated, for example, in the molecular biology and biophysics programs, and also in the developing bioengineering area.

Industrially, since the end of World War II new industries have been founded on: semiconducting materials for electronic devices, ceramic materials for very high temperatures, luminescent materials and phosphors for television screens, magnetic materials for magnetic amplifiers, dielectrics for memory devices, lasers for welding, surgery, and signal devices, etc., etc. There are numerous well-known instances of industries locating in those states which can supply the necessary expertise, so that this is an additional compelling reason for the development of materials science at the University of Wisconsin.

- (c) Relationship to Existing Programs: Materials science is a natural development of the scientific side of metallurgical, chemical, and nuclear engineering. In fact, at the present time materials science studies and research are proceeding in these departments, and also in the physics and chemistry departments. The new materials science degrees will be offered as interdepartmental programs under the supervision of the Committee on Materials Sciences, which initially will include five faculty members from various Engineering departments and one each from

EXHIBIT

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the Chemistry and Physics departments. Course work now offered in the several departments permits a range of specialization within the general field of materials. The existence of these programs will permit a student to develop his materials program in greater depth than would be possible in degree programs in a single department or engineering field. The degree designation, Materials Science, will appropriately denote the students' competence.

(d) Summary of Prerequisites, Course Structure, Credit Requirements, etc.

Prerequisites

An entering student must:

- (a) Possess a B. S. degree in Engineering or an appropriate Applied Science equivalent to a University of Wisconsin degree.
- (b) Have taken as part of the B. S. program:
 - Mathematics through differential equations,
 - Chemistry through physical chemistry,
 - A calculus-level general physics course.

Any deficiencies must be remedied for zero credits.

M. S. Degree

The 24 semester-credit program will not specify compulsory courses, but a comprehensive written examination must be passed in order to be awarded the M. S. degree. This examination will also serve as a basis for entrance into the Ph.D. program. The examination will consist of two parts:

Part I, to be taken by all students, will require an understanding of basic solid state behavior including band theory and related properties, elements of crystallography and diffraction, defects in crystalline solids, etc.

Part II, will require passing comprehensive examinations in any two areas from the following tentative list - Polymer Science and Technology, Applied Electrochemistry, Crystallography and X-Ray Diffraction, Deformation and Fracture of Solids, Solid State Devices, Nuclear Materials and Radiation Damage, Thermodynamics of Solids, Mechanics of Materials.

As noted, research will be optional and dependent on the students' backgrounds and interests. This research will not necessarily culminate in a thesis.

Ph.D. Degree

Being a joint major/joint minor interdepartmental program, the detailed course requirements for the Ph.D. degree cannot be specified. Each students' program will be tailored to his specific needs and interests, with the assistance of his major professor. The Materials Science Committee will approve the curriculum of each student, courses being selected from the list of approved courses provided. Candidates must also pass an oral preliminary examination, emphasizing research

direction and related course work, and an oral final exam based on the candidates' research thesis and related topics. For example, possible major areas of study are electrical properties, polymer science, and fracture mechanics. In all these areas, physical metallurgy would be an appropriate minor field of study. However, many major/minor combinations are possible. All programs will be approved by the Materials Science Committee in accordance with prevailing Graduate School regulations.

2. SPECIFICATION OF NEED

- (a) **Contribution of Program to the Advancement of Human Knowledge:** The role of engineering materials in contemporary society has already been considered. A fuller understanding of the properties of materials certainly represents an advancement of human knowledge in a technology-based society.
- (b) **Manpower Demands:** On the national level the demand is very great. As examples, the aerospace and defense industries require increasingly "exotic" materials for space vehicles, rockets, etc.; many problems in nuclear energy are materials problems; ultrasonic aircraft require lighter but stronger materials; gas turbines require blade materials with higher creep strength; deep-diving submarines require higher-strength steels, etc., etc. On the state scale, there is some demand in the Milwaukee area, but this must and will increase if Wisconsin industry is to develop by taking advantage of technological advances.
- (c) **Internal Development of the University:** There are very clearcut advantages attached to the development of interdisciplinary programs such as proposed for materials science. The broadened educational opportunities available to students have already been considered, but the advantages to faculty are equally great. The traditional department structure certainly does not prevent interdepartment co-operation and cross fertilization of ideas, but neither does it recognize the extent to which disciplines have merged together. Programs such as that presently proposed will accelerate this merging, with many attendant educational benefits.
- (d) **Projections of Demands for Graduates:** The national demand at the present time is such that a severe shortage of materials scientists exists. In part this is due to the requirements of national defense but the impact of materials developments on industry as a whole has already been enormous. Industries based on semiconducting materials are merely one of the best known examples of how new materials have created new industries. A list of the advances made in the last twenty years would include magnetic materials, dielectrics, luminescent materials, polymers, new ceramics, high-temperature alloys, etc. Such a list makes no allowance for the certain benefits which will result from current materials research; the future use of superconductors in electric power transmission is such an example. In view of the above, the demand for graduates will inevitably continue at a high level.

3. STUDENT DEMAND

- (a) Student Desire in Program Area: The area is very attractive to students who wish to work in a scientific/engineering area that lies on the borderline between traditional areas. Perhaps in part this is because of enhanced career prospects, but there are many students in, say, chemistry and physics who would prefer to develop into applied scientists rather than continue in pure chemistry or pure physics. It happens that an initial training in chemistry/physics/mathematics is a fine basis for graduate work in materials science, and many students are expected to enter materials science after a pure science undergraduate program. Conversely, some engineers may wish to further their scientific education and will find attractive career prospects in materials science.
- (b) Enrollment Projections: It is estimated that there may currently be 15-20 graduate students in various departments on the Madison campus pursuing graduate study in the general area of materials science. Apart from the advantages of drawing these students together under the auspices of an officially-recognized program, this enrollment is expected to increase to at least 25-30 within two years as a result of the stimulus provided by the availability of advanced degrees in materials science.

4. INSTITUTIONAL CAPABILITY

- (a) Adequacy of Present Resources:
- Faculty. The program will be initiated and sustained on the basis of those faculty now working in the materials science area in the various engineering departments, notably the Departments of Minerals and Metals Engineering, Electrical Engineering, Chemical Engineering, Engineering Mechanics, Nuclear Engineering, and Chemistry and Physics. No faculty beyond the normal growth of these departments will be necessary to successfully prosecute the materials science program.
- Library Holdings. The relevant holdings are presently available so that no extra expense at all is involved.
- Facilities. The program will be housed for the most part in the Engineering Research Building presently under construction with N.S.F., U. S. Office of Education, and State funds. It is expected that the N.S.F. grant for the E.R.B. will also permit the purchase of certain basic equipment necessities. In any event, no state fund requests for this purpose are anticipated.
- Cost. As implied in (a), (b), and (c) above, the requested graduate program in materials science involves no special costs over and above normal budgets. The program represents a redeployment of existing resources.
- (b) Resources In Related Fields: These fields comprise the several engineering departments, and chemistry and physics. All these are departments of high reputation with adequate resources to help initiate and sustain the materials science program.

- (c) Program Funding: Since the program in practically all respects involves a redeployment of existing resources, no "new program" funds will be requested. This applies to faculty, space, and equipment. With respect to faculty, those who will take part in the new program are currently working in various facets of the materials science field in several departments of the Colleges of Engineering and Letters and Science, and no new faculty will be required simply to strengthen the program. With respect to space requirements, the research program will be largely housed in the new Engineering Research Building, although use of existing departmental space will also be made.

Substantial Federal research support has been available for some time in this area, and it is expected that this will continue to the extent that the program will be largely self-sustaining.

- (d) Beginning and Continuing Cost: No special beginning or continuing costs will be requested for this program. In a large sense the program is already in existence, but as an assembly of individual efforts, sometimes conducted by groups of faculty and sometimes by individuals. A coherent formalized program will not result in any added costs.

5. INTEREST AND SUPPORT

Firstly, the program is designed to carry out the recommendation of an Engineering College committee whose report, with amendments, was approved at the November 27, 1967 meeting of the Engineering Faculty. Therefore, the program has the support of the faculty and administration of the College of Engineering. Formal support of the College of Letters and Science has not been requested, but faculty from this College are on the Materials Science Committee, so to this extent at least the College of Letters and Science supports the program.

The new program presents a unique opportunity for effective aid to Wisconsin industry through UIR. The potentialities here seem very great.

DISCONTINUATION OF THE MASTER'S DEGREE PROGRAM IN FOODS AND
NUTRITION AT UNIVERSITY OF WISCONSIN-MILWAUKEE

Discontinuation of the M.S. Program in Home Economics in Institution Management at the University of Wisconsin-Milwaukee.

In 1962 the Administrative Committee of the Graduate School of the University of Wisconsin approved a proposal of the Department of Foods and Nutrition to establish a program of graduate work at the University of Wisconsin-Milwaukee leading to the Master's degree in Home Economics in the field of Institution Management.

It is now requested that the program be terminated by July 1, 1969. By that date the two students who have made some progress in the program should have completed all requirements.

The program was originally designed to meet a request made by the Professional Education Committee of the Milwaukee Dietetic Association to have available a program which would permit dietitians to, while continuing their professional duties, upgrade their educational background. However, five years of experience with the program has revealed that the supply of qualified people with time and interest to complete the program is too small to warrant continuation.

The Dean of the Graduate School, University of Wisconsin-Milwaukee, concurs in this request by Milwaukee and Madison faculty and recommends that the program be discontinued.

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Proposed Modification
of
M.S. Program in Engineering
at
University of Wisconsin-Milwaukee
November 22, 1968

1. Existing Program

Master of Science degrees are offered in Milwaukee in the following fields through an evening graduate program:

- 1) Civil Engineering
- 2) Electrical Engineering
- 3) Engineering Mechanics
- 4) Mechanical Engineering
- 5) Metallurgical Engineering
- 6) Undesignated

The students register at and receive their degrees from UWM, but the program and examinations are under the jurisdiction of the College of Engineering, Madison.

This evening graduate program in engineering in Milwaukee is not new but was originated by the Mining & Metallurgy Department of the College of Engineering, Madison, as far back as the early 1930's at the request of Milwaukee industry. Later, other engineering departments offered similar programs, leading eventually to the six degrees previously specified with others offered in times past when demand warranted it. These programs have continued without interruption except for a short lapse after World War II. During that time many engineers in metropolitan Milwaukee gained their Master of Science degrees; a significant number have achieved prominent positions within their companies. The programs have been important in enabling Milwaukee industry to attract and retain the better students coming out of engineering schools throughout the country.

Initially all of the courses were taught by Madison faculty who commuted weekly to the Milwaukee campus. As the Milwaukee staff grew, a few courses were handled by Milwaukee faculty members, but these were few in number. With

EXHIBIT

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24

the advent of the College of Applied Science & Engineering in 1964, Milwaukee faculty participation grew rapidly. At the present time courses for certain programs are offered exclusively by Milwaukee faculty and in other cases there is partial participation.

The present arrangement is not satisfactory. As the Milwaukee faculty grows in size, the Madison faculty naturally becomes more anxious to be relieved of the obligation to offer evening courses in Milwaukee. Jurisdictional responsibility located in Milwaukee would certainly assure continuity of a program for a student once he is enrolled. Program planning could be projected years in advance rather than on a semester to semester basis as at present.

2. Proposed Revision

What is now proposed by the College of Applied Science & Engineering is that this dichotomy be eliminated by assigning complete jurisdiction of the graduate program in engineering to the Milwaukee faculty. If this is done, there would be no reason to restrict the program to part-time students since the same faculty could be used to serve full-time students as well.

For the students currently enrolled in the Madison-directed program, an interim arrangement is being developed with the College of Engineering, Madison, to phase out its participation over the next several years. While the present size of the faculty in the College of Applied Science & Engineering precludes an immediate assumption of all teaching responsibilities, it is expected that this deficiency can be alleviated in part by the foregoing arrangement. In a few instances it still will be necessary to call on Madison faculty members or qualified members from industry to fill specific gaps in available personnel.

The proposed revision will be assisted by a CCHE-approved budget request which provides for 1-1/2 experienced faculty members in 1969-70. Continued

operation of the program and its anticipated expansion as a result of the jurisdictional change will be studied to determine what changes will be necessary to bring it to effective operating levels.

Amendment to Cooperative Agreement with
United States Department of Agriculture

BUSINESS AND FINANCE COMMITTEE

That the following Amendment to the Cooperative Agreement, dated January 26, 1931, between The Regents of the University of Wisconsin and the Secretary of the United States Department of Agriculture be approved; and that the Secretary of the Regents be authorized to execute the Amendment:

AMENDMENT
TO THE JANUARY 26, 1931
COOPERATIVE AGREEMENT BETWEEN THE REGENTS OF THE
UNIVERSITY OF WISCONSIN AND THE SECRETARY OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE

WHEREAS The Regents of the University of Wisconsin and the Secretary of the United States Department of Agriculture executed an Agreement on January 26, 1931, to provide for cooperation in the conduct of research and other activities at the Forest Products Laboratory, Madison, Wisconsin, operated by the Forest Service, USDA, and

WHEREAS the conditions justifying the support by the University of certain expenses of operating utility services at the Forest Products Laboratory no longer exist and it is the desire of The Regents of the University of Wisconsin to terminate such support, and to apply such money to the activities of the School of Natural Resources of the University of Wisconsin to further the progress of forest products research and education, and

WHEREAS the United States Department of Agriculture considers the expansion of the activities of the School of Natural Resources in the area of forest products research and education at the University of Wisconsin is a more desirable result than continuation of the financial support for utility services at the Forest Products Laboratory,

NOW THEREFORE, it is agreed that Clause 2 on Page 2 of the Agreement dated January 26, 1931, is canceled as of July 1, 1969, and that the other provisions of the agreement shall continue in effect.

EXHIBIT L

Item III, 2, c

12/6/68

Increase in Schedule of Costs
New Fire Exits at Adams and Tripp Halls
Madison Campus

BUSINESS AND FINANCE COMMITTEE


That, upon recommendation of the Bureau of Engineering, Madison Chancellor's Office, and the Division of Residence Halls, concurred in by Central Administration, the schedule of costs for New Fire Exits at Adams and Tripp Halls on the Madison Campus of the University, Project No. 6805-11, approved by the Executive Committee by mail vote initiated July 12, 1968, and presented to the Board of Regents on July 19, 1968 for the record as an official action of the Executive Committee, be increased in the amount of \$23,534.00, from \$41,466.00 to \$65,000.00, to cover furnishing and installing sixteen additional fire doors in Tripp Hall.

(State Building Commission action of May, 1968 authorized bidding and construction of fire safety improvements to Adams and Tripp Residence Halls at an estimated project cost of \$65,000.00, chargeable to Residence Halls' Revolving Funds - Authorization A-570.)

EXHIBIT M

Item III, 2, e

12/6/68



p 27

Contract Award - Passenger Elevators
Science Complex, UWM

BUSINESS AND FINANCE COMMITTEE

That, upon recommendation of the Architect, the Bureau of Engineering, and the Chancellor's Office of the University of Wisconsin-Milwaukee, and concurred in by Central Administration, the low bid for the Passenger Elevators for the Science Complex, University of Wisconsin-Milwaukee, Project No. 6512-35, HEW 2-5-00347-0, be rejected because it did not comply with specifications;

That, subject to the approval of the Governor and the State Director of Engineering, Wisconsin State Agencies Building Corporation be authorized to award the contract for the Passenger Elevators for the Science Complex, University of Wisconsin-Milwaukee, Project No. 6512-35, HEW 2-5-00347-0, to the second-low bidder, Westinghouse Electric Corporation (Elevator Division), Milwaukee, Wisconsin, in the amount of the base bid of \$140,536.00; chargeable to the item in that amount for "Passenger Elevator Allowance" included in the Schedule of Costs approved by the Regents on September 6, 1968.

Item III, 2, f

12/6/68

EXHIBIT N

P 28

RESOLUTION OF THE REGENTS OF THE UNIVERSITY OF WISCONSIN
RELATING TO THE LEASE AND SUBLEASE OF A CERTAIN BUILDING
PROJECT SITE, AND THE FINANCING OF SAID PROJECT BY THE
WISCONSIN STATE AGENCIES BUILDING CORPORATION

WHEREAS, The Regents of the University of Wisconsin, a body corporate, created and existing under and by virtue of the laws of the State of Wisconsin (hereinafter called the "Regents"), did on the 28th day of March, 1958, adopt a resolution designating the Wisconsin State Agencies Building Corporation (hereinafter called the "Corporation") as the organization with which arrangements are to be made from time to time for the financing and construction of University of Wisconsin buildings; and

WHEREAS, the Regents now desire to enter into a certain Lease and Sublease with the Corporation relating to the Library Complex Building Project at 600 North Park Street in Madison (herein called the "Project"); and

WHEREAS, the forms of Lease, Sublease and Assignment relating to the lease of the site of said Project to the Corporation for the purpose of the construction thereon by the Corporation of the above-named Project and the subleasing of the Project site and the Project to be constructed thereon by the Regents from the Corporation have been presented for the consideration of the Regents; now, therefore,

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

1. That the form of Lease between the Regents and the Corporation providing for the lease to the Corporation by the Regents for the term of years and for the rental payments stated therein the premises described therein and constituting the site of the Project, as presented to and considered by this meeting of the Regents, are hereby authorized and approved, and the President or Vice-President, together with the Secretary of the Regents be and they hereby are authorized and directed, for and on behalf and in the name of the Regents, to execute and deliver said Lease to the Corporation.

2. That the form of Sublease between the Corporation and the Regents providing for the sublease to the Regents by the Corporation of the premises and building and improvement to be constructed thereon and constituting the respective Project, as presented to and considered by this meeting of the Regents, are hereby authorized and approved, and the President or Vice-President, together with the Secretary of the Regents, be and they are authorized and directed for and on behalf and in the name of the Regents to execute said Sublease.

3. That the form of Assignments to be executed by the Corporation with respect to the rentals and other moneys payable by the Regents to

the Corporation under the Sublease for the purpose of assigning said rentals and other moneys to the Paying Agent under the resolution of the Board of Directors of the Corporation authorizing the issuance of its Bond Anticipation Notes for the purpose of financing the Project, and thereafter to the Trustee under the Trust Agreement pursuant to which the Corporation will issue its definitive bonds to permanently finance the Project, substantially in the form presented to and considered by this meeting of the Regents, is hereby approved, and the President or Vice-President, together with the Secretary of the Regents, be and they hereby are authorized and directed for and on behalf and in the name of the Regents to execute the Acknowledgement of Notice of Assignment appearing upon said Assignment, when the same shall be presented to said officers in final form.

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

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

Award of Contract for 600 North
Park Building

BUSINESS AND FINANCE COMMITTEE

That, subject to approval of the Governor and the State Director of Engineering, Wisconsin State Agencies Building Corporation be authorized to award contracts for construction of the 600 North Park Building on the Madison Campus of the University, State Project No. 6512-21, Federal Project No. HEW OE 2-5-00378-0, to the low bidder in each division of the work on the basis of base bids, with alternate bids accepted as indicated, as follows:

GENERAL CONSTRUCTION

O. E. Madsen & Sons, Inc.
Minneapolis, Minnesota 55415

Base Bid No. 1	\$4,126,300.00
Alt. Bid No. 1A, Add	2,000.00
Alt. Bid No. 1B, Deduct	6,000.00
Alt. Bid No. 1D, Add	7,500.00
Alt. Bid No. 1E, Deduct	215,000.00
Alt. Bid No. 1G, Add	198,000.00
Alt. Bid No. 1J, Deduct	2,000.00
Total Contract Amount	\$4,110,800.00

PLUMBING

Superior-Kuetemeyer Co., Inc.
Milwaukee, Wisconsin

Base Bid No. 2	\$ 140,800.00
Alt. Bid No. 2A, Add	1,650.00
Total Contract Amount	\$ 142,450.00

HEATING, VENTILATING, AIR CONDITIONING

Kilgust Heating Co.
Monona, Wisconsin

Base Bid No. 3	\$ 996,675.00
Alt. Bid No. 3A, Add	12,230.00
Total Contract Amount	\$1,008,905.00

ELECTRICAL

H & H Electric Co., Inc.
Madison, Wisconsin

Base Bid No. 4	\$ 586,230.00
Alt. Bid No. 4A, Add	23,148.00
Total Contract Amount	\$ 609,378.00

ELEVATOR

Armor Elevator Co.
Milwaukee, Wisconsin

Base Bid No. 5	\$ 56,893.00
Alt. Bid No. 5A, Add	3,844.00
Base Bid No. 6	35,842.00
Total Contract Amount	\$ 96,579.00

To be funded through Wisconsin State Agencies Building Corporation financing, gifts and grants, and self-amortizing funds. The final schedule of costs to be presented for Regent approval at a later date.

Item III, 2, h

12/6/68

EXHIBIT P

P 28