



# **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: December 10, 1982. 1982**

Madison, Wisconsin: Board of Regents of the University of Wisconsin System, 1982

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MINUTES OF THE REGULAR MEETING  
of the  
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM  
Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, December 10, 1982  
8:20 a.m.

- President Beckwith presiding -

PRESENT: Regents Beckwith, Finlayson, Fish, Fitzgerald, Fox, Gerrard,  
Grover, Heckrodt, Knowles, Lawton, O'Harrow, Podlesny,  
Schilling, Veneman and Zirbel

ABSENT: Regent Jesinski

Upon motion by Regent Fish, seconded by Regent Finlayson, it was voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on November 5, 1982, be approved as mailed to the members of the Board.

✓ UW-Milw - Presentation on Year 2000 Master Plan., p. 1-2, Exh. A.

REPORT OF THE PRESIDENT OF THE BOARD

Introducing a presentation on the Year 2000 Master Plan for the UW-Milwaukee, President O'Neil noted that, more than simply being a study of the future and aspirations of one institution, it was an example of a planning process which involved the community as well as campus constituencies.

Chancellor Horton then provided a slide presentation about the plan. His remarks are attached as EXHIBIT A.

In response to a question by Regent Lawton about acquisition of land for carrying out the plan, Chancellor Horton said building sites on the present campus were expected to be adequate, without utilizing land in the Downer Woods, which should be preserved.



Planning - Disc. of long-range planning, p. 2.

Board of Regents meeting 12/10/82

-2

Regent Veneman inquired about the cost of preparing the master plan, to which the Chancellor replied that out-of-pocket costs, not including staff time, were approximately \$10,000 to \$15,000 over an 18-month period. Indicating that University personnel participated extensively in development of the plan, he noted that the Transportation Center, along with engineering students, developed the data base for the campus transportation plan, which dovetailed with the master plan effort.

Responding to a question by Regent Veneman about the magnitude of the investment required to implement the plan's recommendations, Chancellor Horton said the attempt had not been made to calculate a total cost. Rather, requests would be brought forward on a biennial basis.

Regent Beckwith asked if it was felt that no additional land would need to be purchased for parking space.

With three satellite parking areas and the transportation plan recommendation that all new construction include parking space, Chancellor Horton thought parking needs could be met to the extent the University wished to meet them. He emphasized the importance of balancing provision of parking facilities with encouragement of mass transit use, adding that UW-Milwaukee had the third largest system of mass transit ridership in the state. At the same time, he pointed out, UW-Milwaukee ranked lowest among System institutions in terms of student/faculty ratios for parking, with about 80 percent of simple trips being taken by mass transit.

Regent O'Harrow noted that use of visual presentations enabled the Physical Planning and Development Committee to convey more effectively to the Board the scope of projects under consideration. Such visual aides might be used more extensively in the future, he suggested, to explain various facility requests.

Regent Beckwith added that, in the months ahead, the Board should become more involved in reviewing long-range planning efforts. "If we want sensibly to direct this institution over time, it seems to me we have to be working against a constant planning process, both on the academic side and on the physical side. And that includes allocating dollar budgets to it, so that we know where we are going and we have some idea as to how we are going to get there."

While he agreed that long-range planning was needed, Regent Fish pointed out that one could not always adhere to such plans. Noting that at UW-Milwaukee construction of the Maryland Avenue bridge had been delayed by such factors as local opposition, rather than lack of planning, he remarked that there had been difficulty in keeping the Sandburg Hall dormitory filled with students, though its construction was a top campus planning priority, and that Enderis Hall, which also had been in the long-range plan, now was scheduled for extensive renovation. Although the Board of Regents and the campuses did utilize long-range planning, he noted that in some cases it worked out, while in others it had not. "I'm just indicating that we can't be married to a plan nor can we blame a prior plan, because there are going to be a lot of changes made for reasons we can't control."

Regent Knowles, Chairman of the Special Regent Committee to Respond to the Request of the Joint Committee for Review of Administrative Rules, presented the Committee's recommendations with regard to the JCRAR's proposal that the Board undertake administrative rule making in a number of specific areas. Reviewing the history of the matter, he noted that the JCRAR in May 1982 asked for Board action after President O'Neil took the position that rule making would be neither required by state law nor wise educational policy. A Committee then had been appointed, consisting of Regents Knowles, Finlayson, Fish and Fox, with President Beckwith as an ex-officio member. In the intervening months, views of University groups who would be affected by rule making had been sought, further legal research had been undertaken, and on November 5, 1982, the Committee held a hearing at which testimony on the desirability of rule making was received from interested student, faculty and academic staff groups, among others.

Indicating that the recommendations contained in the JCRAR report were of two kinds, Regent Knowles said one group concerned Board and System policies on various matters which JCRAR considered to meet the legal criteria for administrative rules and ought to be promulgated as such under Chapter 227 of the Statutes. The Regent Committee, however, had concluded, in substantial reliance on the advice of legal counsel, that most of those policies either did not meet the legal definition of "rule" or, in a few cases, had become obsolete and should be rescinded. The Committee did agree that the Regent policy concerning use of university facilities met the legal criteria for a rule and proposed that the Board undertake rule making in the coming months with respect to that policy.

A more sensitive area concerned recommendations for rule making in the area of governance, Regent Knowles continued, noting that JCRAR proposed that administrative rules be developed with respect to student governments and faculty governance, both at the institutional level and in faculty relations with System Administration. On those issues, the Committee believed rule making, which would impose uniform mandates on all institutions, would be ill-advised and would be contrary to the decentralized, institution-specific approach of Chapter 36, Wis. Stats. The Committee's conclusions were based both on the legal rationale expressed fully in Appendix III of its report and on policy considerations supported by testimony which the Committee received.

Stating recognition that the Regent Committee's recommendations were in substantial disagreement with the JCRAR report, Regent Knowles pointed out that the JCRAR possessed authority to direct that an agency promulgate rules and that such emergency rules remained in effect for 150 days.

In conclusion, the Chairman expressed appreciation to Mr. Daniel Strouse for the scholarly legal research he had performed for the Committee.

It was moved by Regent Knowles and seconded by Regent Fox that the following resolution be adopted:

Admin Rules - Adoption of Report of the Special Regent Comm. to Respond to the request of the St. Comm. for Review of Admin. Rules, pp 3-4 -4  
Board of Regents meeting 12/10/82 R. 2724

(X) Spec. Regent Comm. to Respond to the Request of the JCRAR  
Resolution 2724: That the Board adopts, as its reply to the May 1982 request of the Legislature's Joint Committee for Review of Administrative Rules (JCRAR), the recommendations of the Special Regent Committee to Respond to the Request of the JCRAR, and further that the Board authorizes the Special Committee to make final preparations of the reply and transmit it to the JCRAR.

(The report of the Special Regent Committee is on file with the papers of this meeting.)

Stating that he considered the Regent Committee's report to be a very persuasive document, Regent Schilling asked if there were plans to meet with JCRAR members to discuss the reasoning on which its conclusions were based, inasmuch as they were not in concurrence with what the JCRAR recommended.

Regent Knowles indicated that the legislative mandate was simply to prepare a response and that he felt any further initiatives should come from the JCRAR.

Put to the vote, Resolution 2724 was unanimously adopted.

Trustees Hospital & Clinics, Co. of Trustees - Departmental reports on diagnostic radiology & psychiatry, pp-4-5

Regent Lawton, Chairman of the Council of Trustees of the UW Hospital and Clinics, summarized the Council's December 9 meeting, which included a report by Superintendent Derzon regarding a decrease in hospital bed occupancy. This phenomenon, which was part of a nationwide trend, might require some adjustment in hospital budget, he pointed out.

On another matter, the Council approved for purposes of accreditation some minor revisions in its by-laws, which were to be brought to the Board at a subsequent meeting.

Of much interest, Regent Lawton continued, were departmental reports on diagnostic radiology and psychiatry. In the area of radiology, he said that exciting developments in methods of imaging were moving ahead so rapidly, with new equipment which required special housing, that the result probably would be a request for some construction. "The diagnostic radiology department is preeminent not just in the nation, but internationally, and I think it deserves our support to keep it that way."

Noting that one of the very strong companies in that field was located in Wisconsin, Regent Beckwith added that what Regent Lawton said was in accordance with ongoing interest in having the University coupled with industry in an appropriate way, particularly in high technology areas.

Regent Heckrodt felt the decline in bed occupancy was due in part to actions being taken by employers and employees in an effort to hold down costs of medical care. "I think that they are going to see a tremendous amount of pressure in the future because of this problem, and it may result in declining use and need of hospital beds and hospital care. It is an area where we should be using long-range planning."

While keeping beds filled was financially advantageous to the hospital, Regent Lawton observed, the overall effort was to shorten hospital stays or keep people out of the hospital altogether.

✓ VTAE - Report on retraining unemployed workers, p. 5.

Reporting as President of the State Board of Vocational, Technical and Adult Education, Regent Zirbel stated that the VTAE System was attempting to respond to pressures of increasing enrollments and waiting lists. With regard to retraining unemployed workers, she urged that public educational systems work together in meeting this need, in order to avoid having another bureaucracy established to do so.

✓ Regent meetings - Approval of 1983-84-meetings schedule, p. 5 & Exh. B.

Regent Beckwith presented the proposed schedule of Board of Regent meetings for fiscal year 1983-84, indicating that he would prefer that the July 1983 meeting be held on the 15th, rather than on the 8th, inasmuch as the Board generally was able to cancel its August meeting. He asked if that change would create any difficulty with respect to the budget cycle, to which President O'Neil and Associate Vice President Arm responded in the negative.

Upon motion by Regent Fox, seconded by Regent Veneman, the schedule of meetings was unanimously approved, including the suggested modification (EXHIBIT B).

✓ Boards of Visitors - ~~meeting~~ discussion on convening meeting of representatives of various boards; prospect of establishing Council of Visitors, pp 5-6

Turning to a matter concerning boards of visitors, President Beckwith recalled that in 1978 a Special Regent Committee had looked into the question of organization of those boards and had submitted a report which led to adoption of Regent Policy Document 78-6. One of the issues discussed at that time, he explained, was whether there should be a systemwide board of visitors, and although that idea was not accepted, the resolution as adopted did provide that the Board of Regents could establish a Council of Visitors, consisting of two members designated by each board of visitors, to consider matters of systemwide concern. Noting that the provision had never been implemented, he reported that the UW-Milwaukee Board of Visitors had made the request that a Council of Visitors be established at this time. It was his suggestion that a meeting be convened, to which each board of visitors would be invited to send two representatives, in order to discuss the matter. If the conclusion was that creation of a council would be productive, a recommendation to that effect could be brought to the Board of Regents for action.

In response to an inquiry by Regent Fox about the functions of such a council, Regent Beckwith indicated that members could become informed about how the UW System as a whole operates in the context of their individual institutions. He thought it might be useful to discuss budgetary and enrollment matters, for example, so that visitor support could be solicited on a systemwide basis.

Replying to a question by Regent O'Harrow, Regent Beckwith said most board of visitor reports were directed to the respective chancellors, as was appropriate given the boards' status as institutional bodies.

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# REPORT OF THE PRESIDENT OF THE SYSTEM

Adoption of Resolution 2725 was moved by Regent Knowles, seconded by Regent Heckrodt and voted unanimously.

Resolution 2725: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

*✓ Chancellors  
UW-Extension - Staff status report on recruitment of Chancellors, p. 6.  
(X-reg + UW-Ext-staff)*

Reporting on the status of recruitment for two positions, President O'Neil indicated that the quest for a chancellor of UW-Extension was soon to resume, with a slightly reconstituted Search and Screen Committee, and that nominations had been received for the Committee to seek an executive dean for the UW Centers.

*✓ Center System Staff - status report on recruitment of Exec. Dean, p. 6.*

With regard to the Centers, he added that a number of steps remained to be taken before the structure outlined the previous month could be implemented. Noting that the Constitution Committee of the Centers would be addressing these questions during the coming months, he said that, when its work was completed, a set of recommendations would be brought to the Board.

*✓ Center System - status report on reorganization, p. 6.*

The President then commented on the topic of university relationships with business and industry, observing first that since Chancellor Swanson had presented the report of his Committee to the Board in October, there had been several additional significant developments, including a recent conference in Madison of scholars, administrators, and industry representatives.

Describing the background and implications of that conference, Chancellor Shain noted that, about two years previously, the UW-Madison began receiving increased levels of funding from nonfederal sources. The shift in funding from federal sources to the private sector--especially large commercial enterprises--resulted in individual faculty members seeking guidance on a new range of sensitive questions, centering primarily on contracts with clauses which restricted publication or required assignment of patent rights to the sponsoring corporation. Later, other questions arose when several faculty members took part-time positions with private companies, and their faculty colleagues became concerned about how



Private Sector - Report re University relationships with  
private sector firms, pp 6-11  
(Perhaps there should be a referral cited under Industry /  
University Relationships). -7

Board of Regents meeting 12/10/82

a person with a split appointment could separate university research from private industrial research. As a consequence, a special study committee, consisting of faculty members, was assigned the task of recommending guidelines to address the various conflict-of-interest and ethical questions which might arise in connection with industrially sponsored research. After some months of deliberation, he continued, it became clear that the problems were more complex than had been expected and that the issues needed to be discussed from a broader perspective. The resulting conference had included a large number of scholars, industrial scientists and other interested persons from across the country.

The Chancellor stated that the university community, as well as state government and the general public, wished to insure that state funds, university facilities and the labor of graduate students were not being used to subsidize private commercial enterprise. While no one objected to the university serving industry in general, he observed, questions arose when a relationship between the university and a single company was seen as providing special benefits to that firm. There also was concern about those relationships between the university and a private company which might result in personal gain for the faculty member involved, primarily because of fear that the gain might somehow be derived from inappropriate use of university facilities, supplies or equipment. Indicating that another concern was about any constraints which might be placed upon freedom to publish the results of research efforts, he noted that the University System did not accept any contracts for classified research. "Our faculty wholeheartedly supports that concept on the basis that the University must be free and open to insure that creativity and intellectual interchange are not hampered." With regard to patent rights in situations where research was carried out in university facilities, he cited arrangements which were made with the federal government for patents from federally supported research to be assigned to the Wisconsin Alumni Research Foundation, the question being whether a similar policy should apply to industrially sponsored research. A newer issue, he added, was the extent to which a faculty member, whose research was supported by a particular company or who earned a consulting fee from a private firm, could be completely unbiased in the classroom. In response, some people were suggesting that faculty members be subject to a special kind of ethics code which would require public reporting of all relationships involving remuneration. On the other hand, he remarked, volunteer work for political parties somehow was thought to leave faculty unbiased in the classroom.

Following the conference, Chancellor Shain continued, the Committee held a public hearing and was in the process of considering where those ethical issues might lead in terms of new guidelines. With reference to the commitment made in the budget request to use university strengths to help revitalize the economy, he commented that, just as in the 1960s the university sought to cure the nation's social problems, in the 1980s capability of solving the nation's economic problems was being claimed. While he had great concern that universities might be overselling their abilities in that regard, resulting in a new round of unfulfilled promises in the 1990s, he noted, nonetheless, that there would be no possibility of enhancing technology transfer and helping the economy if problems facing faculty members in terms of ethical considerations in relationships with industry could not be resolved. "I want to assure you that we are working

very hard on trying to solve these problems, trying to come up with some sort of a balanced approach which will allow faculty members to retain dignity and the notion that they are people with integrity but, at the same time, assure the public that there has not been abuse of university people."

Regent Beckwith asked if the published proceedings of the conference could be made available to the regents, and the Chancellor responded in the affirmative, adding that they would be distributed widely, and that a private gift had been obtained to support the work.

Regent Schilling inquired as to whether thought was being given to the advisability of addressing some of the issues which had been raised at the System level, rather than by individual institutions.

Indicating that proposed solutions would probably lead to modification of UW-Madison faculty policies and procedures, which would require Regent action, Chancellor Shain said a broader forum for discussion would be needed before reaching that point.

He would be concerned, Regent Schilling stated, if various System institutions reached conclusions which differed substantially from one another or if other campuses did not profit from UW-Madison's efforts to find answers.

Regent Heckrodt thought it would be very difficult to establish guidelines, given the wide variety of work being performed. On one type of project, he noted that his company had decided not to provide funding for assistance from the university because the results would be available to their competitors.

Chancellor Shain expressed the hope that guidelines would be both flexible and sensible, adding, however, that there were certain kinds of research which might not be appropriate for the university to perform. "We feel very strongly that research results that are derived from work done on campus have to be publishable."

Stating agreement that some types of proprietary research should be done outside of the university environment, Regent Veneman emphasized that development of appropriate guidelines regarding such matters as patent rights and publication of research results was an achievable objective and one which was well worth pursuing.

Regent Beckwith felt that in some respects the process was as significant as the product. "The fact that people who are engaged in dealing with these problems every day are now thinking about them, together with their industrial counterparts, is in itself very important."

Remarking that the issues were too complicated to handle in an abstract sense, Chancellor Shain said the UW-Madison Committee found it necessary to use specific examples as the basis for trying to find solutions. The process evolved first at UW-Madison because of that institution's more frequent involvement in university/industry relationships, he noted, adding that, as other institutions developed those kinds of contacts, they would encounter the same sort of problems.

Regent Fox referred to the Chancellor's earlier comments about disclosure regarding faculty members' financial interests and their participation in political causes. There was a fundamental difference, he thought, inasmuch as political beliefs are subject to constitutional protections which would not apply to financial interests.

Chancellor Shain thought it would be necessary to find some reasonable compromise between disclosure and what faculty members considered their right to privacy.

Indicating that a successor conference, in part corporate-sponsored, was to take place in Philadelphia the following week, President O'Neil remarked that one of the impressive features of the Madison conference was the total university control and sponsorship, although it benefited significantly from corporate involvement.

About a week after the latter conference, he reported, a highly significant report was released in Milwaukee by the Joint Committee on Technology and Innovation, formed some months previously by the Greater Milwaukee Committee and the Metropolitan Milwaukee Association of Commerce. As one of the report's important findings, he cited identification among the positive factors affecting Wisconsin's economy the research eminence at UW-Madison and the great potential of UW-Milwaukee. The Joint Committee had recommended that the President of the UW System form a university-industry task force to encourage cooperation and interaction between faculty and industry with the purpose of facilitating growth in advanced technologies. Such a task force, the report stated, could also explore ways that the two major state universities in Madison and Milwaukee could increase communication between their engineering departments and schools of business and also with business and industry. Noting that there had not yet been time to respond in substance to that proposal, he called upon Chancellor Horton to report on other recommendations which had import for UW-Milwaukee and the Greater Milwaukee area.

As background, the Chancellor explained that the Metropolitan Milwaukee Association of Commerce had appointed an Economic Development Committee, while at the same time the Greater Milwaukee Committee had established a High Technology Committee. Recognizing that both were pursuing the same ends, they formed the Joint Committee on Technology and Innovation, which reviewed a broad range of economic development issues. With regard to the Committee's findings, he said the report recognized the Medical College of Wisconsin and the University of Wisconsin-Milwaukee as the two major institutions in the Milwaukee area that would interact with the private and public sectors in terms of research. Secondly, it was recommended that the Department of City Development begin work on a research park close to UW-Milwaukee to facilitate such interaction. Under-scoring the quality of UW-Milwaukee programs in the sciences, engineering and business, and specifically citing the Laboratory for Surface Studies, the report strongly recommended additional fiscal support for expanding the University's research efforts. Also endorsed was establishment of a technology transfer center at UW-Milwaukee, as included in the System's budget request. Finally, the Committee strongly supported continuing interaction with the private and public sectors to promote economic



development in Milwaukee. In anticipation of some of those recommendations, he continued, initiatives had been taken in discussing ways in which such interface could be achieved.

With regard to questions that might arise, Chancellor Horton remarked that "you can view the issue as a cup half empty or a cup half full, depending on how you wish to approach potential problems of interacting with the private sector." Noting that the university had interacted successfully with the private sector in agriculture for many years, he expressed confidence in the ability of faculty to separate out issues that might in some way denigrate their work and stated agreement with Regent Heckrodt's comment that rules could not be written to cover all situations. "As we approach each interactive effort, we will develop an approach which will preserve the prerogatives of the institution and the faculty." In conclusion, he emphasized that the report was very encouraging and that the university would pursue its recommendations.

Turning to other significant developments in the area of university/business relations, President O'Neil announced that an invitation had been received to repeat the computerized demonstration of the Swanson Committee report at the annual legislative conference of the Wisconsin Association of Manufacturers and Commerce late in January, indicating continued interest in computer access to the report's profile data, which was to be updated on an ongoing basis as new entries were received.

Meanwhile, he continued, review of certain policies which might significantly affect university/industry relationships was continuing within a committee chaired by Vice President Lorenz. That committee had made recommendations for revision of Chapter UWS 8 of the Administrative Code, which were approved by the Board more than a year previously. The revisions then were submitted to the appropriate committees of the Legislature, one of which approved them very quickly. However, substantial questions were raised by the chairman of the other committee, resulting in further review. He pointed out that some legislative recommendations, such as requiring public disclosure of reports submitted by faculty to their chairpersons or deans and prohibiting student involvement in research in which the faculty member had an economic stake, would be found troublesome within the academic community. These were among the issues being studied by Vice President Lorenz's committee, which was expected to make recommendations for consideration by the Board later in the year.

The President reported that another important legislative study was being conducted by the Legislative Council's Special Committee on Economic Development, which had been holding hearings for several months. In September, he and Regent Veneman testified before the Committee on the relationships between the UW System and state business/industry and then provided supplemental information concerning research parks, university consulting policies, specialized research facilities and other matters. Chancellor Shain later supplied additional information concerning the role of the Wisconsin Alumni Research Foundation, especially its patent policies and experiences. While this Committee's recommendations had not yet been issued, President O'Neil thought emphasis might be given in the final report to the role and potential of the UW System institutions and their faculties in the state's economic development.

Outlining three related concerns which had been heard in recent weeks, he noted that the first was related to the adequacy of policies governing university/industry relationships. For reasons indicated in his earlier comments, as well as those of Chancellors Shain and Horton, it was their belief that committees such as the one now working at UW-Madison and the one chaired systemwide by Vice President Lorenz would amply respond to such policy questions. "While the potential hazards are substantial--and they probably have been nowhere more sharply described than in the Carnegie Foundation report a month or so ago in which I participated substantially--they are for the most part identifiable and controllable. Although specific and detailed policies may not be desirable even at the campus level, much less for the whole UW System, recognition of the problems and the framing of appropriate safeguards are certainly manageable tasks."

A second concern related more particularly to the System's biennial budget request, inasmuch as some comments had equated the proposal almost entirely with economic development. Of the roughly \$66 million requested in additional state GPR appropriations for the coming biennium, the President pointed out, less than 10 percent (or \$6 million) was directly targeted to economic development and recovery, and even of that amount only about 60 percent (or \$3.5 million) was for direct industrial application, the rest being for agriculture, small business and additional economic areas. Several other requests, such as those for replacement of instructional laboratory equipment, for funding student enrollments in high-cost disciplines, and for enhancing access to library information related less immediately to the state's economy. "Indeed, most of the educational priorities and initiatives in the request may offer long-term benefit to the Wisconsin economy in less direct and immediate ways, but just to maintain perspective, I did want to note that slightly less than 10 percent of the requested increase focuses specifically and immediately on the economy. Thus, I don't think one can fairly claim that the biennial budget is unduly expedient or dangerously pragmatic."

The third concern had been voiced by colleagues, particularly in the humanities and social sciences, who feared that the current emphasis might neglect or denigrate their disciplines in the public view and thus disserve larger values of a liberal university education. While that was clearly not the intent, President O'Neil stated, he shared some of that apprehension in view of worrisome evidence of declining student and societal interest in the enduring value of a liberal education. Indicating that in his third annual report, to be submitted to the Board before the February meeting, he planned to dwell on those issues at greater length, he added that in the coming months presentations could be made to the Education Committee, focusing on the role of the University Cluster institutions in the teaching of liberal arts and sciences.

✓ Vice Presidents - Announcement of recruitment of Joseph Kauffman  
as Exec. Vice Pres. Auth. to recruit successor, R. 2726, p. 12.  
(There also is a card under Exec. VP. Maybe this card simply  
refer searched to Vice Pres. Chuds.)  
Board of Regents meeting 12/10/82  
→ X-ref. Kauffman

-12

President O'Neil announced the decision of Executive Vice President Kauffman to leave his administrative position and return to teaching and research as of September 1983, noting that his acceptance of the Executive Vice President's post had been for an expressly limited period of time. "I am not even contemplating the prospects of surviving in the post-Kauffman era, so invaluable have been Joe's wise counsel, support and insight on a daily basis these past two-and-a-half years. Yet with the realization that the time is not all that long away, I would seek from you today authorization to begin the search, not for a replacement—for that is by definition impossible—but simply for a successor."

It was moved by Regent Veneman, seconded by Regent Finlayson and unanimously carried, that the following resolution be adopted:

Resolution 2726: That, upon the recommendation of the President of the University of Wisconsin System, authorization be granted to recruit for the position of Executive Vice President of the University of Wisconsin System.

United Council

✓ Opposition to Solomon Amendment linking draft registration  
& Financial Aid, pp 12-13 (X-ref. Financial Aid - Opposition by  
United Council to etc.)

Mr. Scott Bentley, President of the United Council of UW Student Governments, spoke first about student reaction to the federal Solomon Amendment, which would require all males who applied for financial aid to state whether or not they had registered for the draft. If they did not make that indication or if it was discovered that they had not registered, they would be declared ineligible to receive financial aid benefits. He said United Council had gone on record in opposition to that law and was involved in a nationwide effort to repeal it, including the call for a national tuition strike. Reporting on a suit filed in federal district court by the Minnesota Public Interest Research Group, he noted that it sought an injunction against the Solomon Amendment on the grounds that requiring persons to declare their innocence or guilt on a form violated the Fifth Amendment of the Constitution and that it would be discriminatory to place an additional burden only on males, and poor males, at that. The Board of Regents should also be opposed to the Solomon Amendment because it would put the University in the position of being an enforcement agency for the Selective Service and therefore subject to student protest, he stated, urging that the Board direct System Administration to join in the suit filed by MPIRG. "Such a stand on your part would send a clear signal to every Wisconsin student that you do not want to reenter the age of campus confrontation. No issue has created such deep resentment among student government leaders as the Solomon Amendment, and the federal government is attempting to blackmail students into registering for the draft. The University should be a place of learning and not of military recruitment."

Turning to another matter, Mr. Bentley expressed United Council's support for the Teaching Assistants' Association and the Council's concern about what it perceived as a growing erosion of undergraduate education. Recalling that the TAA was elected to represent teaching assistants at UW-Madison in 1970 and that it participated in a collective bargaining agreement with the administration for ten years, he commented that the TAA had become an effective mechanism for addressing the problems of teaching assistants, as well as a major proponent for the quality of undergraduate

Board of Regents meeting 12/10/82

-13

education. Through its contract, he continued, the TAA enabled students to participate in review of the quality of teaching within each department and also fought to maintain a class size of 19 students. Stating that, in the absence of a contract, the administration was planning to raise the allowable class size to 24, he said United Council was concerned that such action would erode the quality of undergraduate education. While United Council was sympathetic to the University's growing financial problems in the face of shrinking state revenues, he remarked that to raise tuition and at the same time increase class size seemed unfair to undergraduates. Because of their belief that access to and quality of education were linked to ensuring teaching assistants' rights, United Council planned to support the TAA's collective bargaining bill.

While he agreed with United Council's position on the draft registration matter, Regent Lawton observed that "draft registration and the draft are just moot points if we don't prevent nuclear war." He asked if United Council had addressed that issue formally, to which Mr. Bentley responded in the affirmative, adding that one motion was published in the Education Journal and that there had been interviews with Time magazine and other publications.

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#### REPORT OF THE EDUCATION COMMITTEE

Chairman Schilling reported for the Committee.

At a portion of the meeting to which all regents were invited, a report on competency and proficiency programs was presented to the Committee. Regent Schilling opened the discussion by noting that the topic was part of a series with which the Committee had dealt at previous meetings. Beginning in September 1982, the Committee had considered the subjects of competency (skills needed for success in university programs) and admission standards (what is required for entry into University System institutions). While the correlation between those two topics could be easily seen, he stated, too frequently students who possessed the qualifications for admission lacked at least some of the skills necessary to perform university-level work. Consideration at this meeting focused on what System institutions did to enable such students to maximize their opportunity for success. UW-Madison Professor William Lenehan, Director of the UW System Committee on English Placement Testing, UW-Eau Claire Professor Billie Sparks, Director of the UW System Committee on Mathematics Placement Testing, UW-Whitewater Assistant Chancellor Timothy Knowles, and UW-Milwaukee Chancellor Frank Horton joined the regents for discussion of this matter.

Vice President Lyall presented to the Committee a prepared statement summarizing her report on competency and proficiency programs. The statement, which highlighted the difficulty of applying precise definitions to such concepts as "students lacking competencies," or "courses classified

Remedial Programs - presentation of report on remedial programs,  
pp 13-14  
(X-ref - Competencies & Admission Standards)

Board of Regents meeting 12/10/82

-14

as 'remedial,' included sections dealing with the magnitude of the problem, the kinds of students needing assistance, and the types of remedial programs provided within the System. Five of the six major questions identified in the report were discussed, namely: (1) What percentage of UW students take remedial courses and in what subject areas? (2) What are the high school class ranks of UW students taking remedial courses? (3) How much is spent on remedial programs? (4) Do some institutions have more extensive remedial programs than others? (5) Are courses available outside the System which university remedial courses duplicate? The remaining question, to be considered at a future meeting, was: Do public higher education institutions in other states have comparable problems with student competency?

Professors Lenehan and Sparks described in Committee the nature and philosophies of the English and mathematics placement testing programs and responded to inquiries about ways in which they were being used on various campuses. The English test, development of which began in 1974, had been in use for several years, while development of the mathematics test was begun in 1978 and was to be available for use in the spring of 1983. Regents asked questions regarding which students were required to take remedial courses, the numbers of entering freshmen who participated in the English placement test, procedures followed in institutions not using that test, and the extent and nature of cooperation in remedial programming between the UW and VTAE systems. Another question dealt with the number of low-ranking high school graduates who succeeded in graduating from college after receiving remedial instruction. It was pointed out that, in relating units of high school preparation to need for remedial work, grades earned, specific content covered and, especially in mathematics, the high school years in which the units were completed must be taken into account. Chancellor Horton cited the latter point as an illustration of the importance of establishing effective communication between the universities and the schools from which they draw students. Assistant Chancellor Knowles then described the involvement of faculty in remedial programming at UW-Whitewater and expressed concern that allocations for remedial programs came largely under the umbrella of funding for minority and disadvantaged students. He also noted his University's preference for the term "developmental," rather than "remedial," studies.

At conclusion of the Committee discussion, Chairman Schilling noted that the report of the Joint Council on College Preparation was expected in February, after which the Committee intended to report to the Board on what had been learned over the past several months and to make whatever recommendations might be appropriate.

Sabbatical leaves - Announcement of sabbatical recipients for 1983-84, pp-14-15

The Committee then reviewed a report on faculty sabbaticals for 1983-84, which included brief descriptions of how each of the 67 recipients planned to use his or her leave. Referring to Academic Planning Statement #3.3, "The Faculty Sabbatical Program," Vice President Lyall indicated that each institution must have specific application requirements and selection procedures in accordance with Wisconsin Statutes sec. 36.11(17). To be eligible, a faculty member must have completed six or more years of full-time service or its equivalent in the UW System and not have taken a



sabbatical leave during the previous six years. Institutional selections for the sabbatical program are communicated in writing to the Vice President for Academic Affairs by November 15, and formal announcement of those faculty members receiving sabbatical awards for the ensuing academic year are made at the December meeting of the Regents.

Undergraduate Teaching Improvement Grants - Announcement of grant recipients for 1983-84, p. 15.

Regent Schilling reported that announcement of UW System undergraduate teaching improvement grants was made to the Committee. For 1983-84, there were 22 awards in three categories: Category A (a single campus project), ranging from \$2,686 to \$10,000; Category B (multiple campus projects), ranging from \$4,700 to \$19,000; and Category C (pilot campuswide agency to improve teaching), a single award of \$19,540. Vice President Lyall outlined the variety of projects included, noting that they dealt with such diverse topics as microcomputers, instruction of disabled students, writing across the curriculum, training science teachers, use of visual media and videotapes in training and to improve observational skills, assessment of prior learning of registered nurse candidates, integration of scholarship on human genetics into biological science courses, and development of a video library of native speakers of German who had moved to the Midwest from various regions of Germany.

Scientific Areas Preservation Council - Reappts of Robert Engelhard & Virginia Kline, R 2727, p. 15-16 (X-reg. Engelhard & Kline)

Vice President Lyall reviewed for the Committee the UW System's participation by statutory direction in the Scientific Areas Preservation Council, which is charged with evaluating unspoiled tracts of land or water and arranging for preservation of those determined to be of state significance. The terms of two System members of the Council, UW-Madison Lecturer Virginia Kline and UW-Stevens Point Professor Robert Engelhard, were to expire December 31, 1982, the other two UW representatives being UW-Milwaukee Professor Forest Stearns and UWC-Marathon County Associate Professor Arne Salli.

Upon motion by Regent Schilling, seconded by Regent Lawton, the following resolution was adopted unanimously:

Resolution 2727: That, upon the recommendation of the President of the UW System, the Board of Regents reappoints the following UW System representatives to the Scientific Areas Preservation Council for the terms indicated:

Robert Engelhard

Professor, University of Wisconsin-Stevens Point  
January 1, 1983 - December 31, 1984

Virginia Kline

Lecturer, University of Wisconsin-Madison  
January 1, 1983 - December 31, 1985

In approving these appointments, the Board of Regents wishes to express its continuing interest in, and support for, the Council's activities and to extend an expression of appreciation to the UW System representatives for the service they are providing to the Council and the state.

UW-La Crosse - programs

Report on 5-year review - B.S. in Community Health Education, p. 16.

Regent Schilling stated that the next item presented to the Committee was a report on the five-year review of the B.S. in Community Health Education at UW-La Crosse. Commenting on the joint review by UW-La Crosse and the System Administration Office of Academic Affairs, Vice President Lyall made particular note of two recommendations which were made: (1) that the faculty give serious consideration to the planning, implementation and evaluation of regional preceptor orientation programs, and (2) that the faculty continue to monitor the need for establishing limits on enrollment in the program so that a close match exists among program resources, faculty workload, good preceptorship sites and placement of graduates.

Professor Gary Gilmore, director of the program, advised the Committee that steps were being taken to comply with those recommendations and responded to questions regarding preceptorship sites, selection of preceptors, matching students with preceptors, and relationships between the instructional program and the agencies providing preceptorship sites. Since there were no recommendations requiring Board approval, submission of the report completed the last stage of the program's implementation process, after which the institution would be responsible for complying with the report's recommendations and conducting future reviews of the program.

Concluding his report, Regent Schilling made the following statement: "I would like to take this opportunity to express, on behalf of myself and the other regents who have served as chairs of the Education Committee since merger, our appreciation to Dr. Allen Slagle for his long and dedicated service to the Committee as its secretary. Dr. Slagle has been responsible for preparing the Chairman's report to the Board and has shown great discretion in capturing the assortment of comments and observations of Committee members and other participants in ways which were understandable, succinct, and many times grammatically more correct than when they were originally uttered. Dr. Slagle will be retiring from the University of Wisconsin System at the end of the month, having served in this System since merger and, prior to that, as a member of the former Wisconsin State University System central staff. I thought we should take this opportunity to recognize Dr. Slagle's eleven years of dedicated and skilled service as secretary of the Education Committee and extend to him our best wishes for a happy, productive and well-earned retirement."

Vice-President's statement on retirement of Asst. VP Allen Slagle, p. 16.  
 (X-ref - Slagle)

## REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Veneman presented the Committee's report.

Reviewing the monthly list of gifts, grants and U.S. government contracts, Vice President Lorenz advised the Committee that, even though it could be considered a catch-up month, with a \$12 million increase over the same period the previous year, federal support was still well behind that of a year ago. While federal research projects lagged \$6 million behind the previous year, that decrease was largely offset by an increase of almost \$6 million in nonfederal research support. The month's listing included about \$1 million from the National Science Foundation; \$500,000 from the National Aeronautics and Space Administration; and 49 grants to 36 departments, totaling \$600,000, from the University of Wisconsin Foundation.

Adoption of Resolution 2728 was moved by Regent Veneman, seconded by Regent Fish and unanimously carried.

Resolution 2728: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

Regent Veneman reported that the Committee next considered the bequest of Leland P. Brown of Sturgeon Bay, Wisconsin, which provided the sum of \$25,000 each to the University of Wisconsin-Madison and the University of Wisconsin-Oshkosh. Mr. Brown had received both a B.S. and M.S. degree in agriculture in 1925 from the University of Wisconsin-Madison after transferring from Oshkosh Normal School.

The following resolution was adopted unanimously, upon motion by Regent Veneman, seconded by Regent Fitzgerald:

Resolution 2729: That the bequest of the late Leland P. Brown, Sturgeon Bay, Wisconsin, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison and the University of Wisconsin-Oshkosh.

*Bequest - UW-MSN  
Bequest of Leland P. Brown  
R. 2729, p. 17.  
(x-ref - UW-Oshkosh-Bequest)  
Brown, Leland  
Bequest to UW-MSN &  
UW-Oshkosh,  
R. 2729, p. 17.*

With regard to the 1983 summer session fee and tuition schedule, Vice President Lorenz advised the Committee that the rates had been set at the same fee per credit as during the current academic year. The total

*Fees Academic*



Board of Regents meeting 12/10/82

-18

academic fee for a full-time student in the summer session was to be one-half the full-time rate for a semester, a practice which was consistent with that of previous years.

Regent Veneman moved adoption of Resolution 2730. The motion was seconded by Regent Fox and unanimously voted.

Resolution 2730: That, upon recommendation of the President of the System, the 1983 Summer Session fee/tuition rates be approved, as shown in Table I of the memorandum of December 1, 1982, from the Vice President and Trust Officer (EXHIBIT C).

In his report to the Committee, Vice President Lorenz indicated that about one-half of the additional fee and tuition income was being allocated to campuses experiencing enrollment and fee-income increases, with the balance being held to cover anticipated unbudgeted fringe benefits and to rebuild the systemwide reserve for contingencies. The anticipated 1982-83 year-end balance was between \$500,000 and \$900,000.

He also noted that the cash-flow position of the state required delaying payments for service, supply and capital purchases. While it was expected that delays would continue until the middle or end of January, high priority items of debt service payments, payrolls, and fringe benefits, as well as aids to individuals, were being processed on a current basis.

#### REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

The Committee's report was presented by Chairman O'Harrow.

The first agenda item concerned four major project concept and budget reports, one each for UW-Eau Claire, UW-La Crosse, UW-Madison and UW-Milwaukee. The concept and budget report for the UW-Milwaukee Enderis Hall remodeling and addition project had not been completed and therefore was deferred for consideration at a later date.

The first request was for the 1983-85 UW-Eau Claire School of Nursing Building addition and for authority to prepare working drawings and bid documents for that project at a total revised cost of \$1,484,000 from GPR-supported general obligation bonding. The project provided for construction of a 15,150 gross square foot/10,150 assignable square foot addition and the remodeling of 2,600 assignable square feet of space in the existing building to make available specialized space specific to the nursing program. Enrollment increases to the present level of about 495 had caused critical space problems, since the facility was designed for an actual enrollment of 240, and classroom, laboratory and office space in the existing facility was severely crowded.

The second request was for the UW-La Crosse Cartwright Center remodeling and addition project at a cost of \$5,275,000 from non-GPR program revenues, which was the cost estimate approved by the Board in February 1981 and \$623,000 less than authorized by the State Building Commission and the Legislature. The purpose of this project was to construct 40,709 gross square feet of new space and to remodel 85,961 gross square feet of existing space in order to alleviate crowded conditions in student activity areas; to provide additional space for large and medium-sized meetings, programs and dinners; to improve the food service areas; and to provide space for relocation of the bookstore and textbook rental service.

The UW-Madison request was for the Humanities Building plaza restoration project at an estimated cost of \$1,007,000 from GPR-supported general obligation bonding. The consultant report authorized by the Board in October 1981 had been completed, resulting in a series of recommendations for repair of the disintegrating plaza deck's waterproofing membrane system. Noting that, on a tour of the area, he saw the extensive interior damage caused by leaking, Regent O'Harrow stated that he had no doubt about the importance of this project moving forward and that it was hoped construction could be completed by the fall of 1983.

The final project, which involved remodeling of UW-Milwaukee's Pearse and Garland halls, at a cost of \$5,670,000 from GPR-supported general obligation bonding, would complete the last phase in remodeling the Downer quadrangle. Included was interior renovation of 77,891 gross square feet of space to provide laboratories, clinics, offices and research space for the Psychology Department, exterior window replacement and a connecting building addition. It also proposed construction, within the current funding authority, of 12,600 square feet of new space to provide for circulation and mechanical areas.

It was moved by Regent O'Harrow, seconded by Regent Fitzgerald and carried unanimously that the following resolution be adopted:

Resolution 2731: That, upon the recommendation of the UW-Eau Claire, UW-La Crosse, UW-Madison, and UW-Milwaukee Chancellors and the President of the University of Wisconsin System, the following concept and budget reports be approved and authority be granted to plan, bid and construct, at a cost and from the funding sources indicated:

UW-Eau Claire - Bldgs & hands

*Approval by C & B report for*

School of Nursing Building Addition Project  
(1983-85), \$1,484,000, from GPR-supported General  
Obligation Bonding R. 2731, pp. 19-20.

UW-La Crosse - Bldgs & hands

*Approval by C & B report for*

Cartwright Center Remodeling and Addition Project,  
\$5,275,000, from non-GPR Program Revenues R. 2731, pp. 19-20

Humanities Bldg  
Approval of CRB report for

UW-Madison

Humanities Building Plaza Restoration project,  
\$1,007,000, from GPR-supported General Obligation  
Bonding - Min. Maint./Health and Safety Allocation  
R. 2731, pp. 18-20.

Approval of CRB report for

UW-Milwaukee - Bldgs. & Halls

Downer Buildings Remodeling (Pearse and Garland  
Halls), \$5,670,000, from GPR-supported General  
Obligation Bonding. R. 2731, pp. 19-20.

Regent O'Harrow reported that the Committee approved lease of 8,316 square feet of space in a building located at 333 North Randall Avenue, Madison, for continued use by the UW-Madison School of Veterinary Medicine faculty and staff and University Archives through June 30, 1982, at a six-month cost of \$24,030 from general purpose revenues. It was noted that the space had been leased since January 1, 1980, for University Archives and as a temporary location for the office of the Dean of the School of Veterinary Medicine and newly hired faculty of the school, a six-month's renewal being requested to provide continued availability of this space until the move could be made to the new facility. During the interim period, there would be review of other priority program needs in that part of the campus, such as engineering and computing, with the expectation that a long-term lease arrangement for the facility would be requested in the spring.

Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, Resolution 2732 was unanimously adopted.

Resolution 2732: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to lease the following space, at the cost indicated, from General Purpose Revenues:

Randall Ave, 333 North

Approval of lease of  
space from UW  
Foundation (1-83 -  
6-30-83 for School of  
Vet Med offices & UW  
Archives, R. 2732, pp.  
20-21.

1,699 square feet of basement storage space, 3,200 square feet of second floor office space and 3,417 square feet of third floor office space in a building located at 333 North Randall Avenue

The University of Wisconsin Foundation, Lessor  
337 Wisconsin Center  
702 Langdon Street  
Madison, Wisconsin

The term of the lease will be January 1, 1983 through June 30, 1983 (annual rate: \$48,059; six-month term: \$24,030)

UW Foundation

Approval of lease of  
space from UW Foundation  
at 333 N. Randall Ave,  
etc.

R. 2732, pp. 20-21.

1,699 square feet of basement space at \$2.50/square foot (\$4,248 annually; six-month term: \$2,124)

3,200 square feet of second floor office space at \$6.75/square foot (\$21,600 annually; six-month term: \$10,800)

3,417 square feet of third floor office space at \$6.50/square foot (\$22,211 annually; six-month term: \$11,106)

Release of advance planning funds for projects at UW-Milwaukee and UW-Oshkosh was approved by the Committee. The UW-Milwaukee request was for \$40,000 of non-GPR program revenues for the preparation of preliminary plans and specifications and a concept and budget report for the Student Center plaza restoration/enclosure project. This plaza, approximately 27,000 square feet in size, was constructed above two levels of underground space, totaling about 54,000 square feet, which housed various functions relating to the operation of the Student Union. For several years there had been problems associated with water leaking, a variety of remedies having been employed with little or no success. Leakage problems had progressed to the point of potentially causing structural damage, and corrosion in the electrical, mechanical and structural support systems also were encountered or suspected. Release of the planning money would allow a consultant to investigate the viability and cost-effectiveness of providing an atrium/mall-type enclosure over the entire plaza area in lieu of the complete removal and replacement of the existing surfacing system.

At UW-Oshkosh, the request was for allocation of \$44,000 of non-GPR program revenues for preparation of preliminary plans, specifications and a concept and budget report for the Blackhawk Commons restoration and addition at an estimated total cost of \$2,700,000 from insurance proceeds and program revenues. The purpose was to repair the 36,000 gross-square-foot area of Blackhawk Commons which was damaged by fire on July 28, 1982, and to construct a 10,090 gross-square-foot addition to the bookstore, primarily to correct code deficiencies. Although temporary arrangements had been made to provide for the textbook and food service needs of students who returned to campus on September 8, it was considered imperative that more permanent facilities be made available. Approval of the request would allow the project to move into construction at the earliest possible time, following enumeration in the 1983-85 capital budget.

Regent O'Harrow moved adoption of the following resolution and the motion was seconded by Regent Finlayson:

Resolution 2733: That, upon the recommendation of the UW-Milwaukee and UW-Oshkosh Chancellors and the President of the University of Wisconsin System, authorization be granted to seek the release of advance planning funds for the preparation of the preliminary plans and specifications and concept and budget reports for the following projects, in the amounts and from the funding sources indicated:

*Approval of advance planning funds for*

UW-Milwaukee - Bldgs & hands

Student Center Plaza Restoration/Enclosure Project,  
\$40,000, Non-GPR Program Revenues, R. 2733, pp 22-23

*Approval of advance planning funds for*

UW-Oshkosh - Bldgs & hands

Blackhawk Commons Restoration and Addition Project,  
\$44,000, Non-GPR Program Revenues (estimated total  
project cost: \$2,700,000 from Insurance Proceeds  
and Program Revenues) R. 2733, pp 22-23.

Noting that insurance proceeds for the Blackhawk Commons project were not expected until midyear, Regent Fish inquired as to whether there would be any adverse effect on reserves or program revenues at UW-Oshkosh.

Chancellor Penson replied in the negative, indicating that, if the cost of construction exceeded what was received from self-insurance, the difference would have to come from internal reserves but that any excess was not expected to be large. When Blackhawk Commons was again available, he added, it should be possible to defray some of the impact on total indebtedness by increasing revenues in River Commons.

Regent Fish asked if use of program revenues for this purpose would result in increased charges to students.

Stating his belief that it would not, the Chancellor added that there was in fact a possibility for diminishing the rate of student fees because of prospects for increased revenue from full use of River Commons.

Regent Beckwith asked if funds would be available as needed to pay contracts, and Chancellor Penson indicated the expectation was that they would.

Regent Fish noted his understanding that the plan was to utilize program revenues until insurance monies were received, at which time the program revenues would be replaced. Remarking that UW-Oshkosh had handled the crises which occurred in an exemplary manner, he said his only concern related to assurance, which had been given, that program revenues were adequate to cover expenses until the self-insurance funds became available.

The question was put on Resolution 2733, and it was adopted unanimously.

Regent O'Harrow stated that the Committee then considered an increase of \$25,000 in non-GPR program revenues for the UW-Eau Claire Davies Center remodeling and additions project, resulting in a revised total cost of \$1,263,700. A request by UW-Parkside had been withdrawn for further study. At UW-Eau Claire, a number of code-related changes, relocation of three high-voltage lines in the foundation area of the north addition, plus several modifications needed to deal with unforeseen conditions, went beyond the normal contingency experience for projects of this nature,



causing depletion of the contingency fund to the point at which additional monies were needed to meet these and other requirements.

It was moved by Regent O'Harrow, seconded by Regent Podlesny and carried unanimously that the following resolution be adopted:

Resolution 2734: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authority be granted to increase the following project budget by the amount and from the funding source indicated:

UW-Eau Claire: Bidschands

Approval of budget increase: Davies Center Remodeling and Additions project,  
increase of \$25,000 for a revised total project cost  
of \$1,263,700 from Non-GPR Program Revenues, R. 2734, pp. 22-23

The next item on the Committee's agenda requested approval to purchase two parcels of land for UW-Eau Claire from non-GPR program revenues, both properties having been identified for acquisition in the 1978 Campus Development Plan approved by the Board in October of that year. The sites would be utilized for expansion of the campus parking on this block, located on the north side of Water Street and north of the Fine Arts Building. The parcels, each containing 0.09-acre of land, were improved with houses which, if acquired, would be sold for removal from the campus or razed. The first parcel, located at 221 Second Avenue, was appraised at \$43,500 and \$44,000 in September and August 1982. An option had been secured for \$44,000, with the requested \$50,000 release including \$1,000 for appraisals and closing costs and \$5,000 as a maximum allowance for relocation. The second parcel, at 215 Second Avenue, was also appraised in August and September 1982 at \$32,500 and \$36,000, for an average of \$34,250, and an option was secured for \$34,000. The requested \$40,000 included the option figure plus \$1,000 for appraisal fees and closing costs, along with a maximum of \$5,000 for relocation. After discussing this request, the Committee revised the resolution to state clearly that the \$1,000-figure included both closing costs and appraisal fees.

Resolution 2735 was unanimously adopted, upon motion by Regent O'Harrow, seconded by Regent Podlesny.

Resolution 2735: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authorization be granted to purchase the following described parcels of land in the City of Eau Claire, at the purchase prices indicated, from Non-GPR Program Revenues:

Approval to purchase  
parcels at 221  
Second Ave & 215  
Second Ave,  
R 2735, pp 23-24.

Parcel "A":

A 0.09 acre parcel located at 221 Second Avenue at a cost of \$50,000, including \$1,000 for appraisal fees and closing costs, and \$5,000 for relocation costs.

Parcel "B":

A 0.09 acre parcel located at 215 Second Avenue at a cost of \$40,000, including \$1,000 for appraisal fees and closing costs, and \$5,000 for relocation costs.

It was reported by Regent O'Harrow that the Committee approved the UW-Eau Claire and UW-Superior 1982 Campus Transportation Plans, each of which was consistent with plans presented previously by other universities. Presentations were made by Chancellors Hannah and Meyer, with Chancellor Meyer requesting the record to show that the map on page 46 of the UW-Superior Transportation Plan was erroneous in identifying a portion of the campus as available for parking development by the Indianhead VTAE District. Under terms of the ten-year purchase option previously approved by the Board of Regents, this land could only be acquired by the VTAE District for building expansion purposes.

Regent O'Harrow moved adoption of the following resolution. The motion was seconded by Regent Finlayson and voted unanimously.

Resolution 2736: That, upon the recommendation of the UW-Eau Claire and UW-Superior Chancellors and the President of the University of Wisconsin System, the 1982 Campus Transportation Plans for the University of Wisconsin-Eau Claire and the University of Wisconsin-Superior, prepared in response to Resolution 2222 which directed each campus to base its transportation planning efforts upon Section 291 er. 36.11 (8m), Wisconsin Statutes, be adopted.

UW-Eau Claire  
Approval of 1982 Campus  
transportation plan, R2736,  
P.24

Same entry - UW-Superior

In his report to the Committee, Vice President Winter noted that, at the November State Building Commission meeting, projects at UW-La Crosse, UW-Madison, UW-Platteville and the Systemwide smoke alarm installation project were released for advance planning. In addition, a number of others were approved for construction, including the UW-Madison/Extension Stores-Services Building, the UW-Madison Biochemistry Building remodeling/addition, and the UW-Stout Memorial Student Center.

It was reported by Vice President Winter that the Department of Administration had issued a telecommunications system acquisition policy which would be followed by the UW System, as well as by other state agencies. Because telephone system acquisitions of \$30,000 or more, which included the total setup of switches, wiring, and telephones, would require State Building Commission approval, any requests of that nature would be

Telecommunications Acquisition - Report on DOR policy, p 24 & 25  
Admin, State Dept 48 - Report on DOR telecommunications acquisition  
policy, pp 24-25.

brought first to the Board. Acquisitions not requiring Building Commission action but representing significant dollar expenditures would be brought to the Board for information.

At a portion of the meeting to which all regents were invited, the UW System's 1983-85 capital budget was presented to the Committee. Following brief introductory remarks by President O'Neil and Vice President Winter, consideration was given to Resolution 2737, relating to five Systemwide programs, funding for which had been revised downward to a total of \$43,700,000 by a reduction in the amount requested for energy conservation work. Explanatory comments were provided on each element of the resolution, with Vice President Lyall elaborating on the need for capital equipment replacement, noting that it was part of a national phenomenon and not unique to Wisconsin.

In Committee discussion, Regent Fish objected to bonding for replacement of equipment which might require replacement again before all the bonds were fully repaid. It was noted by Vice President Winter that, while cash funding through the operating budget would be preferred, the only realistic alternative available to acquire the needed equipment was to request general obligation bonding. The resolution was approved by the Committee, with all regents present voting "Yes," except for Regent Fish, whose "No" vote was in opposition to the funding method for capital equipment replacement and was not intended to reflect lack of support for the need to replace such equipment.

Adoption of Resolution 2737 was moved by Regent O'Harrow, seconded by Regent Fitzgerald and carried, with Regent Fish voting "No."

Resolution 2737: That, upon the recommendation of the President of the University of Wisconsin System, the following Systemwide programs be approved from the funding source indicated, and the System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget:

(1) Energy Conservation	\$14,700,000	GOB/SBTF
(2) Heating Plant Coal Burning Capability	5,500,000	GOB
(3) Minimum Maintenance/Health and Safety	11,300,000	GOB/SBTF
(4) Handicapped Access Improvements	2,200,000	GOB/SBTF
(5) Capital Equipment Replacement	10,000,000	GOB
Total	\$43,700,000	

~~Capital Budget~~ Capital - Approval of 1983-85 Capital Budget.  
Res. 2737 & 2742, pp. 25-29 & Exh. E.



Regent O'Harrow stated that the Committee then approved the funding request for major general projects, noting that, at his suggestion, the priority list had been renumbered to show the 22 projects in the same sequence, but with each project numbered individually. Vice President Winter advised that 16 of the projects had been approved by the Board in the 1981-83 biennium, and of that number, 13 had been approved for funding by the State Building Commission and the Legislature but then were vetoed by the Governor. It was also pointed out that the total dollars requested had been reduced in order to conform to the architect's most recent cost estimate for the UW-Eau Claire School of Nursing building, as approved in Resolution 2731.

It was moved by Regent O'Harrow and seconded by Regent Finlayson, that the resolution attached as EXHIBIT D be adopted.

Asked by Regent Fish if the priority listing was part of the resolution, inasmuch as the resolution itself simply grouped the projects by function, Chairman O'Harrow responded in the affirmative. In order to make the intent clear, Regent Fish suggested that identification of the resolution follow the major project priority list, rather than being located at the end of the first page, as it was in the document before the Board.

President Beckwith stated that, there being no dissent, it was the sense of the Board that the major project priority list was to be part of the resolution, along with the allocation of projects to different categories. The Secretary was asked to reword the resolution accordingly.

In response to an inquiry by Regent Beckwith about the purpose of grouping the projects by category, Vice President Winter said it was done for the sake of convenience in discussion, since that was the format used by the State Building Commission.

It seemed to Regent Beckwith that method of compilation could be misleading. He pointed out, for example, that in the category of health, physical education and recreation there was a project total of \$25 million, but \$10 million of that amount was for projects which were ranked 15th and 16th on the priority list.

Put to the vote, Resolution 2738, as modified, was unanimously adopted. The resolution is appended as EXHIBIT E.

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Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, the following resolution was adopted unanimously:

(See Exhibit E for Indexing).

~~UW-Madison Bldgs & lands - general~~ - electrical distribution, central campus.  
approved as major utility project for 1983-85 capital budget  
✓ R-2739, pp. 26-27.

Board of Regents meeting 12/10/82

-27

Resolution 2739: That, upon the recommendation of the University of

Wisconsin System President, the following Major Utility Projects at UW-Madison be approved, to be funded from General Obligation Bonding, and System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget.

~~UW-Madison~~  
Charter St. Plant - water treatment system approved as major utility project for 1983-85 capital budget. R-2739, pp. 26-27 (Should refer to Central Heating Plant for prior actions).

Stovall Hall -

(1) Electrical Distribution-Central Campus	\$ 720,000
(2) Charter Street Plant-Water Treatment System	360,000
(3) Stovall Hall Refrigeration System	448,000
	<u>\$1,528,000</u>

Refrigeration System approved as major utility project for 1983-85 capital budget, R. 2734, pp. 26-27.

Regent O'Harrow reported that the Committee then approved that portion of the capital budget which was concerned with major gift/grant and program revenue-supported projects. Noting that (with the exception of the UW-Green Bay project) funds were presently available for their construction, he pointed out that, at the suggestion of Regent Heckrodt, the numbers before each project were deleted and they were listed alphabetically, in order to emphasize the fact that no ranking among them was implied.

Adoption of Resolution 2740 was moved by Regent O'Harrow, seconded by Regent Heckrodt and unanimously carried.

Resolution 2740: That, upon the recommendation of the President of the University of Wisconsin System, the following major Gift/Grant/Program Revenue Supported Projects be approved, and the System Administration be authorized to submit them to the State Building Commission as a part of the 1983-85 capital budget:

~~UW-GB - Bldgs & lands - admin. building~~  
Commons incl. in 1983-85 Capital budget, R. 2740, p. 27.

~~Memorial Union - Food service~~  
Remodeling (Phase II & III) incl. in 1983-85 capital budget, R. 2740, p. 27.

~~Music Hall - remodeling incl. in~~  
1983-85 capital budget, R. 2740, p. 27 Commons

~~White, Helen C. Hall - parking~~  
Ramp repair included in 1983-85 capital budget, R. 2740, p. 27.

~~UW-Oshkosh - bldgs & lands~~  
Blackhawk Commons fire restoration & addition incl. in 1983-85 capital budget, R. 2740, p. 27.

UW-Green Bay Addition to University	\$1,310,000
UW-Madison Memorial Union Food Service Remodeling (Phase II and III)	724,500
UW-Madison Music Hall Remodeling	1,000,000
UW-Madison Helen C. White Parking Ramp Repair	650,000
UW-Oshkosh Blackhawk Commons Fire Restoration and Addition	<u>2,700,000</u>
	<u>\$6,384,500</u>

With regard to advance planning projects for the capital budget, the Committee was advised that the seven items listed were included in that category since final programming for them had not yet been completed. Prior to being approved for construction, each would be brought back to the Board for further action.

Entry for each - included for advance planning in  
1983-85 capital budget, R-2741, pp 27-28.

Board of Regents meeting 12/10/82

-28

It was moved by Regent O'Harrow, seconded by Regent Finlayson and  
voted unanimously, that the following resolution be adopted:

Resolution 2741: That, upon the recommendation of the President of  
the University of Wisconsin System, the following  
requests for Advance Planning funds be approved and  
the System Administration be authorized to submit  
them to the State Department of Administration and  
the State Building Commission as a part of the  
1983-85 capital budget:

~~Physical Plant Grounds  
Bldg~~

~~Russell Labs - addition, etc.  
included, etc.~~

~~Law School Bldg -  
addition incl., etc.~~

~~UW-Madison Bldgs & hands - Gen  
Johnson St Pedestrian  
Bridge incl., etc.~~

~~UW-Platteville Bldgs &  
hands - Phy Ed bldg  
addition incl., etc.~~

~~UW-SP-Bldgs & hands~~

~~College of Natural Resources addition incl., etc.~~

(1) UW-Madison Physical Plant Grounds Building	\$ 21,000
(2) UW-Madison Russell Labs Addition	58,000
(3) UW-Madison Law School Addition	66,500
(4) UW-Madison Johnson Street Pedestrian Bridge	17,500
(5) UW-Milwaukee Science Research Building	431,000
(6) UW-Platteville Physical Education Building Addition	85,000
(7) UW-Stevens Point College of Natural Resources Addition	231,000
	<u>\$910,000</u>

Regent O'Harrow moved adoption of Resolution 2742 and the motion was  
seconded by Regent Finlayson.

Resolution 2742: That, upon the recommendation of the President of  
the University of Wisconsin System, the following  
listing of Minor Projects, to be funded from  
GPR-supported State Building Trust Funds, be  
approved for each unit and the System Administration  
be authorized to submit them to the State Department  
of Administration and the State Building Commission  
as a part of the 1983-85 capital budget:

(1) UW-Eau Claire	\$ 815,500
(2) UW-Green Bay	243,300
(3) UW-LaCrosse	656,100
(4) UW-Madison	3,272,700
(5) UW-Milwaukee	1,335,000
(6) UW-Oshkosh	310,500
(7) UW-Parkside	242,800
(8) UW-Platteville	470,500
(9) UW-River Falls	445,300
(10) UW-Stevens Point	480,700
(11) UW-Stout	227,000
(12) UW-Superior	637,500
(13) UW-Whitewater	330,500
(14) UW Center System	249,700
(15) UW Extension	86,000
	<u>\$9,803,500</u>

In response to an inquiry by Regent Lawton as to the definition of a "minor project," Regent Fish explained that if the amount was less than \$30,000, it would be paid out of the operating budget with GPR funds and would not be categorized as a minor project; if the cost fell in the range of \$30,000 to \$250,000, it would be considered a minor project and paid from GPR state building trust funds. If it was more than \$250,000, the project would require enumeration and the funding source would vary.

The question was put on Resolution 2742 and it was unanimously adopted.

After completing action on the capital budget, Regent O'Harrow stated, the Committee reconvened to consider as the final item on its agenda a request for approval of four minor projects, three for UW-Madison and one for UW-Oshkosh. The first project for UW-Madison was for release of \$25,000 to make repairs on an initial test section of Camp Randall Stadium. Work on the selected portion would encompass concrete repairs, deck sealant, expansion joint improvements, and new joint flashing to include reglet sealant work as deemed necessary, with those repairs being of a magnitude determined by the Division of State Facilities Management (DSFM) to be adequate for observation and testing so that they could become part of the permanent repairs toward which the project was directed. The east section of the Stadium was constructed in 1921, and in addition to providing spectator seating, it also served as the roof structure for many offices, training rooms, maintenance shops and other intercollegiate athletic activities. Because it was exhibiting deterioration from many years of use and exposure to all kinds of weather, DSFM staff had recommended that attention be given to repair of the facility to prevent further deterioration and to return some of the structural elements to an improved state of repair. Should the work undertaken in this test area prove effective, a request to repair large sections of the stadium might then be submitted. GPR support of major deferred maintenance items had been provided for sport and recreational facilities on the UW-Madison campus to extend building life and avoid additional structural deterioration, in lieu of providing operating budget support for nonrevenue producing sports.

The second project related to safety improvements needed for code compliance in the UW-Madison Memorial Union, at an estimated cost of \$140,000 from non-GPR program revenues. There were two components to this project: enclosure of the east and west central stairs and construction of a fourth floor horizontal exit.

The last project for UW-Madison provided for installation of a closed-loop heat recovery system in the Veterinary Science Building to extract heat from building exhaust air and use it to preheat outside air to the supply fan.

The \$100,000 project for UW-Oshkosh was to replace the wood floor in the Albee Hall Gymnasium, which was ruined on Thanksgiving weekend as a result of water damage caused by vandalism. Because the gymnasium was heavily used for a variety of university activities, immediate replacement of the floor was considered critical. The project would be funded from insurance proceeds.

Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, the following resolution was adopted unanimously:

Resolution 2743: That, upon the recommendation of the UW-Madison and Oshkosh Chancellors and the President of the University of Wisconsin System, the following minor projects be approved, at the cost and from the funding sources indicated:

UW-Madison

Stadium  
Approval as

~~Camp Randall Stadium Repairs (initial test section), \$25,000, Min. Maint./Health and Safety Alloc. - Gen. Fund Supported Borrowing, R. 2743, pp 29-30.~~

Approval as

~~Memorial Union Fire Safety Improvements, \$140,000, Non-CPR Program Revenues, R. 2743, pp 29-30~~

approval as

~~Veterinary Science Building Heat Recovery Loop, \$52,700 - Capital Improvement Fund Earnings - Energy Conservation Allocation. R. 2743, pp 29-30~~

UW-Oshkosh - Bldgs & Lands

Approval as

~~Albee Hall Gymnasium Floor Replacement Project, \$100,000 - Non-CPR Insurance Proceeds, R. 2743, pp 29-30.~~

President O'Neil presented to Assistant Vice President Bert Anderson an award given to the UW System by the Governor for making facilities accessible to handicapped persons. It was noted that Mr. Anderson, his staff and colleagues at each institution had been instrumental in these accomplishments.

*App. Action - Presentation of award for making facilities accessible to handicapped to Asst VP Bert Anderson  
(X-ref - Anderson)*

UNFINISHED AND MISCELLANEOUS BUSINESS

Regent Lawton inquired about follow-up to discussion the previous month with regard to having the Executive Committee consider changes in the format of Regent meetings.

Indicating that he felt it would be best to review meeting schedules on a case-by-case basis, President Beckwith said that, if there were items on the agenda (such as the capital budget or the report on competencies) which seemed to require more than the usual amount of time, he would either convene the Executive Committee or make a decision himself to start committee meetings earlier.

Board of Regents meeting 12/10/82

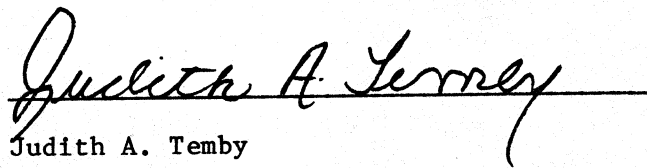
-31

With respect to meetings of the full Board, Regent Beckwith stated that he had discussed with President O'Neil the prospect of considering at each meeting a topic, such as the Year 2000 Master Plan, which was not on the agenda for action. In that regard, he had asked Chancellor Shain if he would join with other interested chancellors in giving a presentation on intercollegiate athletics. He inquired as to whether the Board would be willing, if the agenda became crowded, to convene at 8:15 a.m., as had been done at this meeting. No objection to that proposal was voiced.

Regent Podlesny suggested that tours of various facilities continue to be scheduled, and Regent Beckwith agreed that should be done, in addition to which he felt there should be opportunities for presentations from some of the System's top scholars.

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There was no closed session of the Board, and the meeting was adjourned at 11:05 a.m.

  
Judith A. Temby  
Secretary

January 11, 1982

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. GOULD, INC., GOULD LABORATORIES  
ROLLING MEADOWS, IL  
1975 AM GENERAL (ELECTRIC JEEP)  
GIFT-IN-KIND  
MSN ENGR ENGR EXPER STA EL&COMPUT
2. REV. ALFRED W. SWAN D.D.  
MADISON, WI  
CLOTHING FOR THE COSTUME SHOP  
GIFT-IN-KIND  
MSN L&S THEATRE & DRAMA
3. TRACOR NORTHERN CORPORATION  
MIDDLETON, WI  
ISC COLOR TERMINAL, MODEL 8001G, SERIAL NO. 11252  
GIFT-IN-KIND  
MSN ENGR ELEC & COMP ENGR
4. KEENE CORPORATION, CHASE-FOSTER DIVISION  
BEAR, DE  
SIX SHEETS OF DICLAD 522 MICROWAVE LAMINATE  
GIFT-IN-KIND  
MSN ENGR ELEC & COMP ENGR
5. CRAIG KAUFFMAN  
NEW YORK, NY  
"UNTITLED", COLOR LITHOGRAPH, 1981 CRAIG KAUFFMAN  
GIFT-IN-KIND  
MSN L&S ELVJM MUSEUM ART
6. NICOLET ZETA CORPORATION  
CONCORD, CA  
TWENTY-FIVE X-90 PEN PLOTTERS  
GIFT-IN-KIND  
MSN ENGR ENGR EXPER STA EL&COMPUT
7. EATON/CUTLER HAMMER CORPORATION  
MILWAUKEE, WI  
WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS  
CONSORTIUM (WEMPEC) - TWO "RESPONDER 210" DC  
ADJUSTABLE SPEED DRIVES  
GIFT-IN-KIND  
MSN ENGR
8. GENERAL MOTORS CORPORATION - BUICK MOTOR DIVISION  
FLINT, MI  
1982 V-6 OLDS DIESEL ENGINE  
GIFT-IN-KIND  
MSN ENGR MECHANICAL ENGR
9. DIGITAL EQUIPMENT CORPORATION  
HUDSON, MA  
FIVE GIGI TERMINALS AND ONE LA34 PRINTER FROM THE  
SPECIAL EQUIPMENT GRANT PROGRAM  
GIFT-IN-KIND  
MSN L&S COMPUTER SCI

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

10. ROBERT F. ROEMING - NASHOTAH, WI  
FILE OF 38,000 XEROX SHEETS OF "LITTLE MAGAZINE"  
TITLE PAGES, TABLES OF CONTENTS, LISTS OF CONTRI-  
BUTORS TO FACILITATE ACCESS OF MEMORIAL LIBRARY  
COLLECTION, RESEARCH & FUTURE INDEXING PROJECTS  
GIFT-IN-KIND  
MSN LIBR

INSTRUCTION

- |   |              |           |
|---|--------------|-----------|
| 1. WAYNE M. ROUNDS<br>MADISON, WI<br>LESTER W. PAUL VISITING PROFESSORSHIP<br>(TRUST PRINCIPAL)<br>MSN HS-MED   | ( TRUST )    | 200.00    |
|   |              |           |
| 2. EDUCATION, DEPT OF<br>WASHINGTON, DC<br>FOREIGN CURRICULUM CONSULTANT FOR SOUTH ASIAN<br>STUDIES FOR MATERIALS PRODUCTION AND TESTING IN<br>HINDI LANGUAGE PROGRAM<br>FOR THE PERIOD 09-15-82 THROUGH 09-14-83<br>AWARD # GOO8202722<br>MSN L&S SO ASIAN STUDIES | ( 144-S693 ) | 15,598.00 |

LIBRARIES

- |   |              |            |
|---|--------------|------------|
| 1. PROFESSOR EMMA FISK MEMORIAL READING ROOM FUND<br>(TRUST INCOME)<br>MSN L&S BOTANY   | ( TRUST )    |            |
| 225.00 DOROTHY CLARKE NICHOLS AND<br>BETTY CLARKE LONG  |              | \$ 200.00  |
| 25.00 MULTIPLE DONORS   |              | 25.00      |
|   |              | 250.00     |
|   |              |            |
| 2. WISC DEPT OF ADMINISTRATION<br>MADISON, WI<br>EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD<br>05-01-81 THRU 06-30-83 AT A \$111,782 LEVEL<br>MSN GRAD ACAD COMPUTG CTR ACAD SAL | ( 133-E413 ) | 45,257.00  |
|   |              |            |
| 3. TRACEY (THOMAS M) TRUST AGREEMENT<br>HOLLYWOOD, FL<br>LAW SCHOOL LIBRARY ACQUISITION FUND<br>MSN LAW LIBRARY   | ( 133-F070 ) | 5,062.28   |
|   |              |            |
| 4. INTERNATIONAL BUSINESS MACHINES CORPORATION<br>WHITE PLAINS, NY<br>NETWORK LIBRARY SYSTEM FOR THE PERIOD<br>09-15-82 THRU 06-30-84<br>MSN A D P ADMINISTRATION                   | ( 133-F800 ) | 600,000.00 |



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

5. LITHIUM CORPORATION OF AMERICA  
BESSEMER CITY, NC  
SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF  
PSYCHIATRY  
MSN HS-MED PSYCHIATRY (133-9651) 3,000.00

## MISCELLANEOUS

1. SIR, INC.  
EVANSTON, IL  
SCIENTIFIC INFORMATION RETRIEVAL SYSTEM  
(SIR/DBMS) LICENSE AND CONVERSION AGREEMENT  
AMENDED TO INCLUDE SIR/HOST CONVERSION  
MSN GRAD ACAD COMPUTG CTR ACAD SAL
2. MARSHALL & ILSLEY TRUST SERVICES  
MADISON, WI -- DISTRIBUTION OF  
FISCAL YEAR 1982 INCOME  
IDELLE C. STRELOW MEMORIAL FUND  
(TRUST INCOME)  
MSN L&S SCHOOL OF MUSIC ( TRUST ) 25,629.04
3. ALEXANDER VON HUMBOLDT FOUNDATION  
NEW YORK, N.Y. --  
TO ESTABLISH THIS FUND  
AG & LSC GENERAL INSTRUCTION & RESEARCH  
IMPROVEMENT FUND (TRUST INCOME)  
MSN AG&LSC ADM-DEAN & DIR ( TRUST ) 2,500.00
4. ARCO EXPLORATION COMPANY  
DENVER, COLORADO  
OIL & GAS LEASE EXTENSION  
EDNA PHELPS STRAIGHT ESTATE  
(TRUST PRINCIPAL)  
MSN G E A UNIVERSITY ADMIN CHANCELLOR ( TRUST ) 16,000.00
5. UW FOUNDATION  
MADISON, WI - TRANSFER OF FUNDS  
JANE OAKLEY FUND FOR CLASSICAL STUDIES  
(TRUST PRINCIPAL)  
MSN L&S CLASSICS ( TRUST ) 1,000.00
6. KELAB, INC.  
MADISON, WI  
HILLDALE FUND (TRUST PRINCIPAL)  
MSN G E A ( TRUST ) 169,071.11
7. DR. MENELAUS P. PETERS MEDICAL FUND  
(TRUST PRINCIPAL)  
MSN HS-MED ( TRUST )
- 4,230.76 RUTLAND BANK  
380.48 ST. PETERSBURG, FL  
PROCEEDS FROM THE SALE OF SECURITIES  
RECEIVED IN THE ESTATE

4,611.24

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

8. BEQUEST OF MARY JOSEPHINE WOLFF  
MILWAUKEE, WI -- TO ESTABLISH THIS ACCOUNT WITH  
THE INCOME AVAILABLE FOR USE BY THE FRENCH DEPT  
FOR ANY PURPOSE BENEFICIAL TO THE DEPARTMENT.  
DR. MARY JOSEPHINE WALKER-WOLFF MEMORIAL FUND  
(TRUST PRINCIPAL)  
MSN L&S FRENCH & ITALIAN ( TRUST ) 1,000.00
9. AGRIC, FOREST SERVICE  
NEW ORLEANS, LA  
COOPERATIVE AGREEMENT FOR CONTINUING WILDLIFE  
RESEARCH  
FOR THE PERIOD 08-01-82 THROUGH 08-31-83  
AWARD # 19-80-393, MOD. 1  
MSN AG&LSC NAT RESOURCES WLIFE ECOL
10. AGRIC, FOREST SERVICE  
MADISON, WI  
COMPUTING SERVICES  
FOR THE PERIOD 11-01-82 THROUGH 09-30-83  
AWARD # 53-5680-3-343  
MSN GRAD ACAD COMPUTG CTR 50,000.00
11. COOPERATIVE EDUCATIONAL SERVICE AGENCY #4  
CUMBERLAND, WI  
PRIME CONTRACTOR WITH DED  
INSERVICE TRAINING FOR ADMINISTRATORS OF SPECIAL  
EDUCATION IN WISCONSIN  
FOR THE PERIOD 08-01-82 THROUGH 06-30-83  
AWARD # AGR DTD 10-01-82  
MSN EDUC EDUC ADMIN (144-S651) 11,313.00
12. COOPERATIVE EDUCATION SERVICE AGENCY #17  
JANESVILLE, WI  
PRIME CONTRACTOR WITH DED  
INSERVICE TRAINING FOR ADMINISTRATORS OF SPECIAL  
EDUCATION IN WISCONSIN  
FOR THE PERIOD 08-23-82 THROUGH 08-22-83  
AWARD # AGR DTD 10-19-82  
MSN EDUC EDUC ADMIN (144-S675) 10,313.00
13. WI BOARD OF VOCATIONAL, TECHNICAL & ADULT  
EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN VOCATIONAL STUDIES CENTER: CURRICULUM  
DISSEMINATION COMPONENT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # 20-302-150-313  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S213) 25,000.00
14. WI BOARD OF VOCATIONAL, TECHNICAL & ADULT  
EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN VOCATIONAL STUDIES CENTER: RESEARCH  
COMPONENT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # 20-301-150-313  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S216) 25,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

15. WI BOARD OF VOCATIONAL, TECHNICAL & ADULT  
EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN VOCATIONAL EDUCATOR MAGAZINE  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # 20-305-150-313  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S546) 12,000.00
  
16. NORTHWEST WISCONSIN EMERGENCY MEDICAL SERVICES  
COUNCIL, INC  
HAYWARD, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
EMT-1 FEASIBILITY STUDY FOR NORTHWEST WISCONSIN  
EMERGENCY MEDICAL SERVICES COUNCIL  
FOR THE PERIOD 09-30-82 THROUGH 12-30-82  
AWARD # AGR DTD 10-14-82  
MSN HS-ADM ADMINISTRATION (144-S650) 6,603.00
  
17. THE ACADEMY OF APPLIED SCIENCES, INC  
RALEIGH, NC  
PRIME CONTRACTOR WITH DOD ARMY  
JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # DO 241  
MSN AC SVC OFF OF ADMISSNS NEW STU SV (144-S689) 10,300.00
  
18. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
THE CONSTRUCTION OF A SECOND GENERATION FLYWHEEL  
CVT VEHICLE  
FOR THE PERIOD 10-18-82 THROUGH 10-17-84  
AWARD # 8155801  
MSN ENGR ENGR EXPER STA EL&COMPUT
  
19. LABOR, DEPT OF  
WASHINGTON, DC  
IPA ASSIGNMENT AGREEMENT  
FOR THE PERIOD 02-01-82 THROUGH 08-01-83  
AT A TOTAL COST OF \$73,448.00  
AWARD # AGR DTD 12-30-81, MOD. 1  
MSN L&S ECONOMICS (144-R762) 25,702.00
  
20. GOVERNOR'S EMPLOYMENT & TRAINING OFFICE  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
IPA AGREEMENT  
FOR THE PERIOD 09-14-81 THROUGH 01-15-83  
AT A TOTAL COST OF \$15,435.22  
AWARD # AGR DTD 09-10-81, MOD. 1  
MSN L&S IND REL RES INST (144-R491) 3,780.00
  
21. SPACE TELESCOPE SCIENCE INSTITUTE  
BALTIMORE, MD  
PRIME CONTRACTOR WITH NASA  
IMPLEMENT USE OF PDS APPLICATIONS SOFTWARE ON  
GSSS EQUIPMENT  
FOR THE PERIOD 08-18-82 THROUGH 09-30-82  
AWARD # SCI-C-22  
MSN L&S ASTRONOMY 422.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

22. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
SYMPOSIUM ON WAVES ON FLUID INTERFACES  
FOR THE PERIOD 10-15-82 THROUGH 09-30-83  
AWARD # MEA-8212157  
MSN L&S MATH RES CTR (144-S666) 10,000.00
23. STATE, AGENCY FOR INTERNATIONAL DEVELOP  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) DEVELOPMENT OF LAC BUREAU REGIONAL & MISSION  
FUNDED AGRICULTURAL & RURAL DEVELOPMENT PROJECTS  
& ACTIVITIES  
FOR THE PERIOD 09-30-82 THROUGH 09-29-83  
AWARD # AID/DSAN-CA-0183, MOD. 15  
MSN AG&LSC LAND TENURE CTR (144-S665) 44,184.00
  - 2) IPA AGREEMENT  
FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
AWARD # AGR DTD 10-01-82  
MSN L&S POLITICAL SCI (144-S684) 50,110.00
24. AMERICA MIDEAST EDUCATIONAL & TRAINING SERVICE,  
INC  
WASHINGTON, DC  
PRIME CONTRACTOR WITH STATEAID  
LABAN PEACE FELLOWSHIP-SUPPLIES  
FOR THE PERIOD 09-27-82 THROUGH 07-26-83  
AWARD # AGR DTD 09-27-82  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-S664) 7,400.00
25. WI DEPT OF TRANSPORTATION  
MADISON, WI  
PRIME CONTRACTOR WITH TRANS  
INTERIM FUNDING FOR CONTROLLED SUBSTANCES ANALYSIS  
UNDER WISCONSIN'S IMPLIED CONSENT STATUTE  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # 00-83-00-01-01-070  
MSN HS-HYG TOXICOLOGY ALC CNSNT (144-S620) 97,966.00
26. SYVA COMPANY  
PALO ALTO, CA  
DISCRETIONARY FUND FOR RESEARCH AND TRAVEL  
MSN HS-MED MEDICINE (133-A174) 3,000.00
27. MULTIPLE DONORS  
DISCRETIONARY GRANT FOR USE OF THE DEAN OF THE  
SCHOOL OF EDUCATION  
MSN EDUC GENERAL ADMIN DEANS OFF (133-A637) 44.50
28. INLAND STEEL-RYERSON FOUNDATION, INC.  
CHICAGO, IL  
UNRESTRICTED GRANT TO ENHANCE THE BACCALAUREATE  
EDUCATION OF METALLURGICAL ENGINEERS  
MSN ENGR MET & MIN ENGR (133-A720) 1,500.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR THE CHAIRMAN OF CIVIL ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-A723)	100.00
30.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	3,810.32
31.	TORONTO (UNIVERSITY OF) TORONTO, ONTARIO, CANADA DICTIONARY OF OLD ENGLISH MSN L&S COMPUTER SCI	(133-A894)	1,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR	(133-B430)	8,000.00
33.	CHEN (ROSEMARY) DELAVAN, WI DEPARTMENT OF PEDIATRICS DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-C422)	1,268.00
34.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR THE DEPARTMENT OF STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN ENGR CHEMICAL ENGR	(133-C485)	600.00
35.	PROCTER & GAMBLE DISTRIBUTING CO. CINCINNATI, OH SUPPORT PROGRAMS IN MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS	(133-C756)	4,500.00
36.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI ARTIST IN THE SCHOOLS PROGRAM MSN UNION GENERAL	(133-D111)	6,443.64
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS UNRESTRICTED GRANT FOR COLLEGE OF ENGINEERING MSN ENGR ADMINISTRATION	(133-D136)	5,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SLAVIC LANGUAGES CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S SLAVIC LANGUAGES	(133-D437)	1,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR DEVELOPMENT SUPPORT MSN L&S SPECIAL PROJECTS CTR FOR DV (133-D568)	10.36
40.	INTERNATIONAL PROGRAMS IN AGRICULTURE PURDUE UNIVERSITY WEST LAFAYETTE, IN ADMINISTRATIVE FEE FOR BRAZILIAN STUDENTS MSN AG&LSC INTL AGR PROGS (133-D845)	133.33
41.	MCDONNELL DOUGLAS FOUNDATION ST. LOUIS, MO RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865)	5,000.00
42.	DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE (133-E309)	
	200.00 HAZLETON RALTECH, INC. MADISON, WI	
	200.00 MULTIPLE DONORS	
		400.00
43.	WILEY (JOHN) & SONS, INC. NEW YORK, NY EDITORIAL OFFICE EXPENSES FOR A HANDBOOK IN APPLIED METEOROLOGY MSN L&S METEOROLOGY (133-E318)	1,000.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED (133-E517)	12,000.00
45.	MULTIPLE DONORS ASHLAND EXPERIMENT STATION SPECIAL EVENTS ACCOUNT MSN AG&LSC UNIV EXPTL FARMS ASHLAND (133-E536)	25.00
46.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)	880.00
47.	UNIVERSITY REHABILITATION MEDICINE ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF REHABILITATION MEDICINE MSN HS-MED REHABIL MEDICINE (133-E648)	1,350.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

48.	AMERICAN PSYCHOLOGICAL ASSOCIATION WASHINGTON, DC EDITORIAL OPERATION OF JOURNAL OF EXPERIMENTAL PSYCHOLOGY: HUMAN PERCEPTION AND PERFORMANCE MSN L&S      PSYCHOLOGY	(133-E865)	900.00
49.	DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S      GEOL & GEOPHYSICS	(133-E941)	
	3,000.00      UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,200.00      GOLDSTEIN (ROBERT H) MADISON, WI		
			4,200.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF AGRICULTURAL ECONOMICS MSN AG&LSC ECONOMICS (AGR)	(133-F131)	20,000.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-F257)	392,000.00
52.	WISCONSIN PUBLIC UTILITIES INSTITUTE MSN BUS      SCH OF BUSINESS	(133-F507)	
	700.00      MULTIPLE DONORS		
	1,270.00      WISCONSIN TELEPHONE COMPANY MILWAUKEE, WI		
	2,470.00      TELEPHONE SYSTEMS SERVICE DIVISION-MADISON MADISON, WI		
	3,322.00      MULTIPLE DONORS		
	148.00      MULTIPLE DONORS		
	1,820.00      WISCONSIN PUBLIC SERVICE COMMISSION MADISON, WI		
			9,730.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE ENRICHMENT FUND MSN L&S      ADMINISTRATION	(133-F662)	500.00
54.	AMERICAN CYANAMID COMPANY WAYNE, NJ UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S      CHEMISTRY	(133-F720)	3,000.00
55.	MONTEFIORE HOSPITAL AND MEDICAL CENTER BRONX, NY UNRESTRICTED FUND FOR THE CENTER FOR HEALTH SCIENCES MSN HS-ADM ADMINISTRATION	(133-F734)	5,711.51

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

56.	NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES WASHINGTON, DC NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES: TWO STUDIES MSN EDUC EDUC ADMIN (133-F735)	1,836.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN THE DEPARTMENT OF METALLURGICAL AND MINERAL ENGINEERING MSN ENGR ENGR EXPER STA MET & MIN (133-F737)	1,500.00
58.	MULTIPLE DONORS DEFRAY COST OF COLLOQUIUM SPEAKERS FOR THE BOTANY DEPARTMENT MSN L&S BOTANY (133-F743)	300.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PICKARD HUMANITIES FUND MSN L&S ADMINISTRATION (133-F760)	2,000.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-O179)	68,816.17
61.	MULTIPLE DONORS SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-O199)	25.00
62.	UNIROYAL, INC MIDDLEBURY, CT UNRESTRICTED SUPPORT FOR GRADUATE TRAINING IN BASIC RESEARCH IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-0725)	3,000.00
63.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS (133-4575)	4,500.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM UNION CARBIDE CORPORATION UNRESTRICTED GRANT FOR CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-5929)	5,000.00
65.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR (133-5930)	2,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

66.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	135.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION (133-6370)	12,000.00
68.	MULTIPLE DONORS PEDIATRIC CARDIOLOGY CLINICAL CARE MSN HS-MED PEDIATRICS (133-6731)	20.00
69.	SUPPORT ACTIVITIES OF THE DEPARTMENT OF OPHTHALMOLOGY MSN HS-MED OPHTHALMOLOGY (133-6979)	
	10,842.59 UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI	
	500.00 MULTIPLE DONORS	
		11,342.59
70.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM MINNESOTA MINING & MANUFACTURING COMPANY GRANT-IN-AID TO SUPPORT DEPARTMENT OF CHEMICAL ENGINEERING PROGRAMS MSN ENGR CHEMICAL ENGR (133-7364)	5,000.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF TOUR COORDINATOR PROGRAM MSN L&S ELVJM MUSEUM ART (133-7891)	1,300.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-8366)	38,000.00
73.	MADISON (CITY OF) DIVISION OF PUBLIC HEALTH MADISON, WI BLUE BUS CLINIC OPERATION MSN HS-UHS UNIV HEALTH SERV U HLTH SVC (133-8650)	12,000.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORS AUXILIARY ALLOWANCE MSN G E A UNIVERSITY ADMIN CHANCELLOR (133-8664)	82,415.95
75.	EXXON EDUCATION FOUNDATION NEW YORK, NY UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-9011)	7,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

76. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
BIOCHEMISTRY DEPARTMENT FUND TO BE USED AT THE  
DISCRETION OF THE DEPARTMENT CHAIRMAN  
MSN AG&LSC BIOCHEMISTRY (133-9329) 18,000.00
77. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SCHOOL OF JOURNALISM AND MASS COMMUNICATION  
DISCRETIONARY ACCOUNT  
MSN L&S JOURN & MASS COM (133-9465) 2,500.00

## PHYSICAL PLANT

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MECHANICAL ENGINEERING BUILDING LOBBY CONSTRUCTION  
MSN ENGR ADMINISTRATION (133-E881) 15,394.94

## RESEARCH

1. PROTEON ASSOCIATES, INC.  
WALTHAM, MA  
DISCLOSURE AGREEMENT FOR SCHEMATICS OF  
PRONET HSBM AND CTLM MODULES  
MSN GRAD WAISMAN CENTER
2. DETROIT DIESEL ALLISON  
DIVISION OF GENERAL MOTORS CORPORATION  
DETROIT, MI  
CONSIGNMENT OF ENGINE THRU 09-01-84  
MSN ENGR ENGR EXPER STA MECH ENGR
3. SANTA CRUZ OPERATION, INC.  
SANTA CRUZ, CA  
SOFTWARE LICENSE AGREEMENT: HCR BASIC-  
SOURCE AND OBJECT  
MSN HS-HYG
4. MAZAK CORPORATION  
FLORENCE, KY  
CONSIGNMENT OF MAZATROL M-1 AND  
MAZATROL T-1 SIMULATORS  
MSN ENGR MECHANICAL ENGR
5. ANTIOQUIA (UNIVERSITY OF)  
MEDELLIN, COLOMBIA  
RESEARCH AND TRAINING AGREEMENT  
CONTINUED THRU 09-15-85  
MSN AG&LSC VETERINARY SCI
6. KENNETH D. MOWBRAY -  
DES PLAINES, IL \$ 50.00  
RICHARD K. MOWBRAY -  
WALES, ND 550.00  
IMMUNOMODULATOR RESEARCH FUND IN HUMAN  
ONCOLOGY (TRUST INCOME)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 600.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

7. HOFFMAN-LA ROCHE, INC.  
NUTLEY, NJ  
TO ESTABLISH THIS ACCOUNT WHICH WILL BE  
AVAILABLE TO SUPPORT THE NEEDS OF THE  
INFECTIOUS DISEASE SECTION  
INFECTIOUS DISEASE PROGRAM FUND  
(TRUST INCOME)  
MSN HS-MED MEDICINE ( TRUST ) 17,000.00
8. CBS EDUCATIONAL & PROFESSIONAL PUBLISHING  
NEW YORK, NY  
SCHOOL OF EDUCATION-WISCONSIN CENTER FOR EDUCATION  
RESEARCH (TRUST PRINCIPAL)  
MSN EDUC GENERAL ADMIN DEANS OFF ( TRUST ) 2.06
9. MULTIPLE DONORS  
WISCONSIN CLINICAL CANCER TRUST FUND  
(TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 370.00
10. MULTIPLE DONORS  
PROFESSOR DAVID PERLMAN MEMORIAL FUND FOR  
HUMAN ONCOLOGY (TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 75.00
11. ANTHONY E. POGODZINSKI  
MINOCQUA, WI  
R. O. JOHNSON LECTURESHIP  
(TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 100.00
12. THE MEDICAL COLLEGE OF WISCONSIN  
MILWAUKEE, WI  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW  
SYSTEM UNDER AGREEMENT FROM THE WI DEPT OF HEALTH  
AND SOCIAL SERVICES PRIME CONTRACTOR WITH DHHS SSA  
EARLY IDENTIFICATION AND TREATMENT OF METABOLIC  
DISEASES  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AT A TOTAL COST OF \$10,575.00  
AWARD # 608W333  
MSN GRAD WAISMAN CENTER (144-S563)
13. AGRICULTURE, DEPT. OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) RAPID IDENTIFICATION AND CHARACTERIZATION OF  
VISCEROTROPIC VELOGENIC NEWCASTLE DISEASE (VVND)  
FOR THE PERIOD 10-01-82 THROUGH 12-31-82  
AWARD # 12-16-93-033  
MSN AG&LSC VETERINARY SCI (144-S614) 15,133.00
  - 2) IMPROVEMENT OF DIAGNOSTIC TESTS FOR BOVINE  
BRUCELLOSIS  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # 12-6-93-031  
MSN AG&LSC VETERINARY SCI (144-S652) 30,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 3) METHODOLOGY FOR COMMUNITY NEEDS ASSESSMENT  
FOR THE PERIOD 09-27-82 THROUGH 09-30-84  
AWARD # 58-319S-2-0490X  
MSN AG&LSC SOCIOLOGY(RURAL) (144-S660) 6,000.00
14. BINATIONAL AGRICULTURAL RESEARCH DEVELOPMENT  
FUND  
BET-DAGAN, ISRAEL  
PRIME CONTRACTOR WITH AGRIC  
BIOLOGICAL NITROGEN FIXATION IN GRASS-  
AZOSPIRILLUM ASSOCIATION  
FOR THE PERIOD 10-01-81 THROUGH 09-30-83  
AT A TOTAL COST OF \$32,620.00  
AWARD # I-254-80, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-R634) 16,350.00
15. UNIVERSITY OF FLORIDA  
GAINESVILLE, FL  
PRIME CONTRACTOR WITH AGRIC  
DEVELOPMENT OF A RADIOIMMUNOASSAY FOR BOVINE  
PLACENTAL LACTOGEN HORMONE  
FOR THE PERIOD 10-10-82 THROUGH 09-30-83  
AWARD # 58-32U4-1-338  
MSN AG&LSC DAIRY SCIENCE (144-S676) 21,000.00
16. AGRIC, ECON, STAT, & COOP SERVICE  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) CHANGES IN SMALL CITY AND TOWN POPULATION WITH  
EMPHASIS ON THE ELDERLY  
FOR THE PERIOD 09-28-79 THROUGH 09-30-84  
AT A TOTAL COST OF \$122,000.00  
AWARD # 58-319S-9-2715X, MOD. 5  
MSN AG&LSC SOCIOLOGY(RURAL) (144-N877) 25,000.00
- 2) ANALYSIS AND EFFECTS OF SELECTED MARKETING  
INSTITUTIONS ON PRICE DISCOVERY IN RAW  
AGRICULTURAL PRODUCE MARKETS  
FOR THE PERIOD 10-01-80 THROUGH 09-30-83  
AT A TOTAL COST OF \$96,500.00  
AWARD # 58-319X-0-00070, MOD. 6  
MSN AG&LSC ECONOMICS (AGR) (144-Q559) 10,000.00
17. AGRIC, FOREST SERVICE  
MADISON, WI  
SECONDARY METABOLISM AND OXYGEN IN LIGNIN  
DEGRADATION BY FUNGI  
FOR THE PERIOD 09-01-82 THROUGH 09-30-83  
AT A TOTAL COST OF \$10,591.00  
AWARD # FP-82-0492, MOD. 1  
MSN AG&LSC BACTERIOLOGY (144-S561) 1,641.00
18. AGRIC, SCIENCE AND EDUCATION ADMIN.  
BELTSVILLE, MD  
A CLOSTRIDIUM BOTULINUM CHALLENGE STUDY ON BACON  
MADE BY THE WISCONSIN PROCESS. A TWO PLANT STUDY  
FOR THE PERIOD 09-28-82 THROUGH 09-30-83  
AWARD # 53-32U4-2-231  
MSN AG&LSC FOOD MICRO&TOXIC (144-S680) 124,708.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

19. COMM. NATIONAL OCEANIC & ATMOSPHERIC ADM  
WASHINGTON, DC  
CONTINUATION OF ENHANCEMENT OF WIND AND STRESS  
MEASUREMENTS USING SEASAT AND GOES  
FOR THE PERIOD 09-29-82 THROUGH 09-28-83  
AWARD # NA-82-SAC-00754  
MSN GRAD SPACE SCI&ENG CT (144-S661) 49,439.00
20. WI DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS  
REDUCING WELFARE COSTS AND CASELOADS IN  
WISCONSIN: ASSOCIATED WITH THE 1981-82 FEDERAL  
REGULATORY CHANGES AND PROPOSED BLOCK GRANT  
FOR THE PERIOD 05-15-82 THROUGH 05-14-84  
AT A TOTAL COST OF \$205,783.00  
AWARD # P.O. # FDC 25,274, MOD. 1  
MSN L&S INST-RES ON POV (144-S109) 66,477.00
21. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) COMPREHENSIVE CANCER CENTER COMMUNICATIONS  
NETWORK  
FOR THE PERIOD 06-01-75 THROUGH 01-15-82  
AT A TOTAL COST OF \$825,579.00  
AWARD # NO1 CN 55228, MOD. 16  
MSN HS-MED HUMAN ONCOLOGY (144-G392) 905.00
  - 2) IMPLICATIONS OF LOW LEVEL EXPOSURE TO DIOXINS  
FOR THE PERIOD 09-01-81 THROUGH 02-28-83  
AT A TOTAL COST OF \$262,863.00  
AWARD # 5 RO1 ES01339-05, MOD. 2  
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-R372) 66,495.00
  - 3) RESPONSE OF PRIMATES TO POLYBROMINATED BIPHENYLS  
FOR THE PERIOD 09-01-81 THROUGH 02-28-83  
AT A TOTAL COST OF \$241,511.00  
AWARD # 3 RO1 ES01943-04S1  
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-R373) 66,495.00
  - 4) POSTDOCTORAL FELLOWSHIP AWARD  
(AWARD REDUCED TO REFLECT EARLY TERMINATION)  
FOR THE PERIOD 10-01-81 THROUGH 04-30-82  
AT A TOTAL COST OF \$13,190.00  
AWARD # 1 F32 CA06853-01, MOD. 1  
MSN L&S CHEMISTRY (144-R527) 5,850.00-
  - 5) ALLERGIC DISEASE CENTER  
FOR THE PERIOD 09-01-82 THROUGH 08-31-83  
AWARD # 2 P50 AI10404-12  
MSN HS-MED MEDICINE ALLRGY&IMM (144-S554) 213,422.00
  - 6) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 11-01-82 THROUGH 10-31-83  
AWARD # 1 F32 NS07203-01  
MSN HS-MED NEUROPHYSIOLOGY (144-S656) 17,736.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

22. UNIVERSITY OF MICHIGAN  
ANN ARBOR, MI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
MIGRATION AND REDISTRIBUTION: SMSA DETERMINANTS  
FOR THE PERIOD 03-01-82 THROUGH 08-31-83  
AWARD # 5 R01 HD16581-02  
MSN L&S SOCIOLOGY (144-S667) 3,871.00
23. THE UNIVERSITY OF TEXAS AT AUSTIN  
AUSTIN, TEXAS  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH  
THE VACCINIA VIRUS THYMIDINE KINASE GENE  
FOR THE PERIOD 08-01-82 THROUGH 07-31-83  
AT A TOTAL COST OF \$23,204.00  
AWARD # 123W896  
MSN GRAD BIOPHYSICS (144-S276)
24. THE JOHNS HOPKINS UNIVERSITY  
BALTIMORE, MD  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH  
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS  
OFFICE  
FOR THE PERIOD 06-01-82 THROUGH 05-31-83  
AT A TOTAL COST OF \$7,896.00  
AWARD # 983W323  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-S027)
25. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS SSA  
EARLY IDENTIFICATION AND TREATMENT OF METABOLIC  
DISEASES  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # AGR DTD 09-28-82  
MSN GRAD WAISMAN CENTER (144-S563) 31,000.00
26. DOD, AIR FORCE  
BOLLING AFB, DC  
OPTIMAL AND INSENSITIVE CONTROL OF HYPERBOLIC  
PARAMETER SYSTEMS WITH APPLICATIONS TO WING  
FLUTTER PROBLEMS  
FOR THE PERIOD 11-01-82 THROUGH 10-31-83  
AWARD # AFOSR-79-0018-E, MOD. 5  
MSN L&S MATHEMATICS (144-S681) 31,254.00
27. DOD, AIR FORCE  
HANSCOM AFB MA  
STUDY OF THEORETICAL REACTION RATES  
FOR THE PERIOD 04-06-82 THROUGH 09-30-83  
AT A TOTAL COST OF \$85,000.00  
AWARD # 82COO42, MOD. 1  
MSN L&S PHYSICS (144-R922) 50,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

28. DOD, ARMY  
FREDERICK, MD  
STUDIES ON THE IMMUNOCHEMICAL TECHNIQUES FOR  
DETECTION OF SELECTED FUNGAL AND DINOFLAGELLATE  
TOXINS  
FOR THE PERIOD 11-01-81 THROUGH 01-31-83  
AT A TOTAL COST OF \$122,503.00  
AWARD # DAMD17-82-C-2021, MOD. 2  
MSN AG&LSC FOOD MICRO&TOXIC (144-R595) 16,779.00
29. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
  - 1) LIFE TESTING AND RELIABILITY WITH APPLICATION IN  
ENGINEERING SYSTEMS  
FOR THE PERIOD 09-01-78 THROUGH 09-30-83  
AT A TOTAL COST OF \$201,012.00  
AWARD # NO0014-78-C-0722, MOD. 5  
MSN L&S STATISTICS (144-M394) 49,917.00
  - 2) ACOUSTIC MEASUREMENTS OF THE ROUGH SEA FLOOR  
FOR THE PERIOD 06-01-80 THROUGH 06-14-83  
AT A TOTAL COST OF \$37,303.00  
AWARD # NO0014-80-C-0667, MOD. 3  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-P964) 7,270.00
  - 3) ARCTIC OCEAN SEDIMENT STUDIES  
FOR THE PERIOD 10-01-81 THROUGH 09-30-83  
AT A TOTAL COST OF \$88,008.00  
AWARD # NO0014-82-K-0003, MOD. 1  
MSN L&S GEOL & GEOPHYSICS (144-R584) 44,543.00
30. DOD, NAVY  
WASHINGTON, DC  
AN INVESTIGATION ON THE FEASIBILITY OF ADAPTIVE  
HIGH DATA RATE METEOR BURST COMMUNICATION CHANNELS  
FOR THE PERIOD 04-22-81 THROUGH 09-30-83  
AT A TOTAL COST OF \$135,000.00  
AWARD # NO0039-81-C-0339, MOD. 3  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-Q772) 15,000.00
31. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
DEVELOPMENT OF HIGH-TEMPERATURE METALLIZATIONS  
FOR GAP DEVICES  
FOR THE PERIOD 10-01-81 THROUGH 09-30-83  
AT A TOTAL COST OF \$60,605.00  
AWARD # 68-5071, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-R574) 29,985.00
32. UNION CARBIDE CORPORATION  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOE  
SYSTEM STUDIES FOR HIGH VOLTAGE DIRECT CURRENT  
POWER TRANSMISSION  
FOR THE PERIOD 06-15-81 THROUGH 09-30-83  
AWARD # 9065, MOD. 4  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-R093) 32,690.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

33. UNION CARBIDE CORPORATION  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOE  
SYSTEM STUDIES FOR HIGH VOLTAGE DIRECT CURRENT  
POWER TRANSMISSION  
FOR THE PERIOD 06-15-81 THROUGH 09-30-83  
AWARD # 9065, MOD. 4  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-R094) 87,310.00
34. UNIVERSITY OF WASHINGTON  
SEATTLE, WA  
PRIME CONTRACTOR WITH DOE  
THE EPFL FUSION-FISSION HYBRID EXPERIMENT  
FOR THE PERIOD 11-01-82 THROUGH 10-31-83  
AWARD # 919775  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-S688) 14,610.00
35. INTER, FISH AND WILDLIFE SERVICE  
ST. PAUL, MN  
MOVEMENT AND SURVIVAL OF CANADA GEESE OF THE  
MISSISSIPPI VALLEY POPULATION  
FOR THE PERIOD 10-01-81 THROUGH 09-30-83  
AT A TOTAL COST OF \$112,000.00  
AWARD # 14-16-0003-82-005, MOD. 1  
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-R651) 56,000.00
36. NATIONAL AERONAUTICS AND SPACE ADMIN  
CLEVELAND, OH  
SUPERCONDUCTIVE ENERGY STORAGE FOR SPACE  
APPLICATIONS  
FOR THE PERIOD 11-20-82 THROUGH 11-19-83  
AWARD # NAG3-359  
MSN ENGR ENGR EXPER STA SUPRCONDCT (144-S668) 35,000.00
37. NATIONAL AERONAUTICS & SPACE ADMIN.  
WASHINGTON, DC  
SUPPORTING STUDIES IN CLOUD IMAGE PROCESSING FOR  
PLANETARY FLYBYS OF THE 1970'S  
FOR THE PERIOD 01-01-72 THROUGH 11-30-83  
AT A TOTAL COST OF \$502,083.00  
AWARD # NGR-50-002-189, MOD. 13  
MSN GRAD SPACE SCI&ENG CT (144-C683) 75,000.00
38. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
PARTICIPATION IN THE MARINER JUPITER/SATURN 1977  
IMAGING SCIENCE TEAM  
FOR THE PERIOD 03-15-73 THROUGH 09-30-83  
AT A TOTAL COST OF \$313,843.00  
AWARD # 953615, MOD. 16  
MSN GRAD SPACE SCI&ENG CT (144-D945) 10,000.00
39. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
SPINE BONE MINERAL  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # NCC2-217  
MSN GRAD SPACE SCI&ENG CT (144-S669) 7,085.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

40. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) PARTICIPATION IN DEVELOPMENT OF AN IR TEMPERATURE  
SOUNDER FOR A SYNCHRONOUS METEOROLOGICAL SATELLITE  
FOR THE PERIOD 08-31-73 THROUGH 01-31-83  
AT A TOTAL COST OF \$3,762,373.00  
AWARD # NAS5-21965, MOD. 27  
MSN GRAD SPACE SCI&ENG CT (144-E685) 119,048.00
  - 2) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING  
A HIGH SPEED PHOTOMETER  
FOR THE PERIOD 03-02-78 THROUGH 01-31-85  
AT A TOTAL COST OF \$4,700,710.00  
AWARD # NAS5-24487, MOD. 25  
MSN GRAD SPACE SCI&ENG CT (144-L324) 150,000.00
  - 3) WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 02-01-79 THROUGH 12-31-83  
AT A TOTAL COST OF \$145,795.00  
AWARD # NAS5-25487, MOD. 5  
MSN L&S AST-SPA AST LAB (144-M689) 40,081.00
  - 4) SUPPORT OF HIGH RESOLUTION SPECTROGRAPH  
FOR THE PERIOD 05-16-79 THROUGH 02-01-84  
AT A TOTAL COST OF \$142,000.00  
AWARD # NAS5-25714, MOD. 5  
MSN L&S AST-SPA AST LAB (144-N029) 5,000.00
  - 5) ULTRAVIOLET STELLAR SPECTRA AND ASSOCIATED  
INSTRUMENTATION  
FOR THE PERIOD 04-01-64 THROUGH 09-30-83  
AT A TOTAL COST OF \$2,886,552.00  
AWARD # NGL-50-002-013, MOD. 21  
MSN L&S ASTRONOMY (144-5282) 25,062.00
41. NASA, HEADQUARTERS  
WASHINGTON, DC  
A STATISTICAL ANALYSIS OF STRATOSPHERIC OZONE  
PROFILE DATA FROM THE NIMBUS-4 AND NIMBUS-7  
SATELLITES  
FOR THE PERIOD 11-01-82 THROUGH 10-31-83  
AWARD # NAGW-401  
MSN L&S STATISTICS (144-S692) 28,000.00
42. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) AN ENCYCLOPEDIA HISTORY OF CARTOGRAPHY, VOLUMES  
I AND II  
FOR THE PERIOD 06-01-81 THROUGH 08-31-83  
AT A TOTAL COST OF \$158,224.00  
AWARD # RT-20070-81-1889, MOD. 4  
MSN L&S GEOGRAPHY (144-Q950) 18,832.25

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 2) COMPANION TO TRADITIONAL CHINESE LITERATURE  
FOR THE PERIOD 05-01-81 THROUGH 08-31-83  
AT A TOTAL COST OF \$104,128.00  
AWARD # RT-20062-81-1791, MOD. 2  
MSN L&S E ASIAN LANG&LIT (144-R125) 295.00
43. UNIVERSITY OF EXETER  
EXETER, ENGLAND  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM NEH  
AN ENCYCLOPEDIA HISTORY OF CARTOGRAPHY, VOLUMES  
I AND II  
FOR THE PERIOD 06-01-81 THROUGH 08-31-83  
AT A TOTAL COST OF \$18,908.00  
AWARD # 918P341  
MSN L&S GEOGRAPHY (144-Q950)
44. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) REGULATION OF GENE EXPRESSION AND ENZYME  
COMPARTMENTALIZATION IN GERMINATING FAT-STORING  
SEEDS  
FOR THE PERIOD 09-01-80 THROUGH 04-30-84  
AT A TOTAL COST OF \$211,000.00  
AWARD # PCM-8009444, MOD. 2  
MSN L&S BOTANY (144-Q034) 75,000.00
  - 2) ALGEBRAIC ALGORITHMS AND SYSTEMS  
FOR THE PERIOD 10-01-80 THROUGH 04-30-84  
AT A TOTAL COST OF \$213,796.00  
AWARD # MCS-8009357, MOD. 2  
MSN L&S COMPUTER SCI (144-Q081) 89,779.00
  - 3) INTERACTING PARTICLE SYSTEMS AND PERCOLATION  
PROCESSES  
FOR THE PERIOD 05-15-81 THROUGH 10-31-84  
AT A TOTAL COST OF \$32,239.00  
AWARD # MCS-8100256, MOD. 2  
MSN L&S MATHEMATICS (144-Q567) 12,500.00
  - 4) COMPLEX ANALYSIS IN ONE AND SEVERAL VARIABLES  
FOR THE PERIOD 05-15-81 THROUGH 10-31-84  
AT A TOTAL COST OF \$224,727.00  
AWARD # MCS-8100782, MOD. 2  
MSN L&S MATHEMATICS (144-Q712) 80,765.00
  - 5) SPECIAL FUNCTIONS AND APPROXIMATIONS  
FOR THE PERIOD 05-15-81 THROUGH 10-31-83  
AT A TOTAL COST OF \$64,195.00  
AWARD # MCS-8101568, MOD. 2  
MSN L&S MATHEMATICS (144-Q855) 12,000.00
  - 6) SOME QUESTIONS IN NONLINEAR DIFFERENTIAL  
EQUATIONS  
FOR THE PERIOD 06-01-81 THROUGH 11-30-84  
AT A TOTAL COST OF \$55,219.00  
AWARD # MCS-8110556, MOD. 2  
MSN L&S MATHEMATICS (144-Q936) 20,526.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

7)	CONTINUED INVESTIGATION OF LOW INTENSITY EMISSION LINE FROM THE INTERSTELLAR MEDIUM FOR THE PERIOD 11-01-81 THROUGH 05-31-84 AT A TOTAL COST OF \$234,000.00 AWARD # AST-8106028, MOD. 1 MSN L&S      PHYSICS	(144-R593)	128,700.00
8)	ION AND ELECTRON CYCLOTRON HARMONIC HEATING STUDIES FOR THE PERIOD 11-15-82 THROUGH 04-30-84 AWARD # ECS-8212173 MSN ENGR      ENGR EXPER STA      EL&COMPUT	(144-S659)	81,190.00
9)	THEORY OF PHYSICAL ADSORPTION FOR THE PERIOD 12-01-82 THROUGH 05-31-84 AWARD # DMR-8214518 MSN L&S      PHYSICS	(144-S674)	35,700.00
10)	NUCLEAR PHYSICS RESEARCH FOR THE PERIOD 11-15-82 THROUGH 04-30-84 AWARD # PHY-8207267 MSN L&S      PHYSICS	(144-S682)	340,000.00
11)	THE DYNAMIC BEHAVIOR OF CONTINUOUS POLYMERIZATION REACTORS FOR THE PERIOD 11-15-82 THROUGH 04-30-84 AWARD # CPE-8210726 MSN ENGR      ENGR EXPER STA      CHEM ENGR	(144-S695)	91,526.00
45.	ERNST & WHINNEY FOUNDATION MILWAUKEE, WI FACULTY RESEARCH IN ACCOUNTING REDUCED TO REFLECT FUNDS TRANSFERRED AT DONOR'S REQUEST MSN BUS      SCH OF BUSINESS	(133-A027)	2,675.00-
46.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	375.00      MULTIPLE DONORS IN MEMORY OF A. R. SCHALLER		
	47.00      MULTIPLE DONORS		
	100.00      MULTIPLE DONORS		
	25.00      MULTIPLE DONORS		
	426.00      BRILLION TOWNSHIP COMMUNITY FUND FOREST JUNCTION, WI		
			973.00
47.	UNITED WAY OF SOUTH WOOD COUNTY INC. WISCONSIN RAPIDS, WI CANCER RESEARCH MSN HS-MED	(133-A251)	350.00
48.	WINNECONNE AREA UNITED FUND, INC WINNECONNE, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	385.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	37,277.60
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	11,520.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REHABILITATION MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED REHABIL MEDICINE	(133-A535)	5,865.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RADIATION ONCOLOGY RESEARCH & DEVELOPMENT FUND MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-A536)	24,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-A797)	70,000.00
54.	MULTIPLE DONORS DEPARTMENT OF FORESTRY GENERAL RESEARCH FUND MSN AG&LSC NAT RESOURCES FORESTRY	(133-A872)	343.96
55.	MULTIPLE DONORS IN MEMORY OF ROBERT MCCALL CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	(133-A934)	100.00
56.	KROGER EL PASO, TX INVESTIGATION OF HFM ULTRAFILTRATION MEMBRANE PERFORMANCE ON CHEESE WHEY ULTRAFILTRATION MSN AG&LSC FOOD SCIENCE	(133-B330)	1,350.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-B408)	2,500.00
58.	FRIDAY CANNING CORPORATION NEW RICHMOND, WI VEGETABLE PROCESSING MSN AG&LSC FOOD SCIENCE	(133-C289)	3,000.00
59.	MULTIPLE DONORS WEED CONTROL MSN AG&LSC HORTICULTURE	(133-C732)	500.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

60.	ARCO PROVIDENCE, RI ARCO CONODONT RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-C905)	2,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES	(133-D392)	500.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	1,650.00
63.	WILLIAM H. RORER, INC FT. WASHINGTON, PA SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	1,250.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JUVENILE DIABETES RESEARCH MSN HS-MED PEDIATRICS	(133-D512)	2,100.00
65.	ROCKEFELLER FOUNDATION NEW YORK, NY MECHANISMS OF PLANT RESISTANCE TO PATHOGENS FOR THE PERIOD 09-01-80 THRU 08-31-83 AT A \$108,000 LEVEL AWARD # RF 81042, ALLOC. NO. 24 MSN AG&LSC PLANT PATHOLOGY	(133-D900)	35,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROCESSING OF BLOOD AND URINE SPECIMENS FOR RESEARCH BEING DONE ON COMPARATIVE STUDIES OF PRE-OPERATIVE MEDICATIONS MSN HS-MED ANESTHESIOLOGY	(133-D935)	730.00
67.	DAHL (JUNE L) MADISON, WI ONTOGENY OF ENKEPHALINERGIC SYSTEMS MSN HS-MED PHARMACOLOGY	(133-E144)	1,200.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-E480)	5,000.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TEACHING RESEARCH & CLINICAL FUNCTIONS OF THE RADIOBIOLOGY RESEARCH LABORATORY MSN HS-MED SURGERY GEN SURG	(133-E489)	650.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RELATIONSHIPS BETWEEN ANATOMIC, PHYSIOLOGIC AND BEHAVIORAL MEASURES OF CEREBRAL FUNCTION AND APPLICATION IN PREDICTING FUNCTIONAL ABILITY OF REHAB OUTCOMES IN PATIENTS WITH CLOSED HEAD INJURY MSN HS-MED REHABIL MEDICINE (133-E490)	500.00
71.	FISHER-BARTON, INC. WATERTOWN, WI TOUGHNESS OF AUSTEMPERED STEELS MSN ENGR ENGR EXPR STA MET & MIN (133-E519)	2,000.00
72.	AMERICAN PELLETIZING CORPORATION DES MOINES, IA POTATO RESPONSE TO NON-LIME CALCIUM ADDITIONS ON SANDS IN CENTRAL WISCONSIN MSN AG&LSC SOILS (133-E671)	500.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY (133-E770)	3,000.00
74.	KELLOGG (W K) FOUNDATION BATTLE CREEK, MI KELLOGG NATIONAL FELLOW FOR THE PERIOD 09-01-81 THRU 08-31-83 AT A \$25,623 LEVEL MSN HS-MED GENET CLIN PROG (133-E783)	11,873.00
75.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-E839)	6,500.00
76.	NATIONAL LIVE STOCK AND MEAT BOARD CHICAGO, IL AVAILABILITY AND CHEMISTRY OF THE IMPORTANT MINERAL NUTRIENTS, IRON AND ZINC, FROM CURED MEATS MSN AG&LSC FOOD SCIENCE (133-E911)	15,000.00
77.	ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE HEMATOLOGY (133-E923)	
	10.00 MULTIPLE DONORS	
	375.00 MULTIPLE DONORS IN MEMORY OF MILDRED M. VERDON	
		385.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRODUCTION ENGINEERING RESEARCH MSN ENGR ENGR EXPR STA MECH ENGR (133-FO45)	100,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INDUSTRIAL ENGINEERING CAPITAL EQUIPMENT MSN ENGR ENGR EXPER STA INDUS ENGR (133-F191)	1,185.86
80.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY INSTITUTIONAL ALLOWANCE IN CONNECTION WITH A FELLOWSHIP AWARDED DIRECTLY BY DONOR AWARD # PF-1975 MSN HS-MED ONCOLOGY (133-F217)	1,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INFORMATIONAL FILM PROGRAMS MSN AG&LSC JOURNALISM (AGR) (133-F235)	550.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION FEASIBILITY STUDIES MSN ENGR ENGR EXPER STA NUCL ENGR (133-F328)	25,000.00
83.	UNITED NATIONS NEW YORK, NY UNIDO FELLOWSHIP SUPPORT AT A \$4,600 LEVEL MSN ENGR ENGR EXPER STA CHEM ENGR (133-F486)	1,600.00
84.	MULTIPLE DONORS CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES MSN HS-MED MEDICINE CARDIOLOGY (133-F572)	229.90
85.	BURROUGHS WELLCOME CO. RESEARCH TRIANGLE PARK, NC MULTICENTER EVALUATION OF BW825C IN THE TREATMENT OF SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-F575)	7,350.00
86.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE, INC. ITHACA, NY VIRAL INFECTIONS OF THE GENITAL TRACT MSN VET M PATHOBIOLOGCL SCI (133-F663)	4,000.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR (133-F685)	7,400.00
88.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WISCONSIN CAPITOL CHAPTER MADISON, WI PROVIDE GENETIC SERVICES IN SINGLE DISEASE CLINICS MSN HS-MED GENET CLIN PROG (133-F691)	9,000.00
89.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WISCONSIN CAPITOL CHAPTER MADISON, WI HUMAN GENETICS EDUCATION PROGRAM FOR SCHOOLS MSN HS-MED GENET CLIN PROG (133-F692)	10,800.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

90.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY GENETIC OUTREACH SERVICES TO NORTHWEST ILLINOIS FOR THE PERIOD 10-01-82 THRU 06-30-83 AWARD # C-366 MSN HS-MED GENET CLIN PROG	(133-F693)	13,238.00
91.	GRACE (W.R.) COMPANY COLUMBIA, MD DEVELOPMENT OF TOOLS FOR BOVINE GENETIC ENGINEERING FOR THE PERIOD 10-01-82 THRU 09-30-83 MSN AG&LSC MEAT & ANIMAL SC	(133-F694)	223,785.00
92.	ARTHRITIS FOUNDATION WISCONSIN CHAPTER MILWAUKEE, WI BIOAVAILABILITY OF ORAL PENICILLAMINE MSN HS-MED MEDICINE RHEUMATOL	(133-F717)	2,962.50
93.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI WISCONSIN RIVER RESERVOIR STUDIES FOR THE PERIOD 09-01-82 THRU 08-31-84 MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-F719)	22,000.00
94.	SMITH, KLINE, AND FRENCH LABORATORIES PHILADELPHIA, PA PASSAGE OF TABLETS THROUGH THE GASTROINTESTINAL TRACT MSN HS-PHR PHARMACY	(133-F723)	10,000.00
95.	COUNCIL FOR TOBACCO RESEARCH-U.S.A., INC. NEW YORK, NY LUNG NEUROENDOCRINE CELL INNERVATION AND TRANSPLACENTAL RESPONSE TO MATERNAL SMOKING FOR THE PERIOD 01-01-83 THRU 12-31-83 AWARD # 1437R1 MSN VET M STRUCT&FUNCT SCI	(133-F724)	38,237.00
96.	EXXON MINERALS COMPANY RHINELANDER, WI MASSIVE SULFIDE STUDIES MSN L&S GEOL & GEOPHYSICS	(133-F725)	1,020.00
97.	WARNER-LAMBERT COMPANY MORRIS PLAINS, NJ CHLAMYDIAL RESEARCH MSN HS-MED MED MICROBIOLOGY	(133-F726)	1,025.00
98.	LUPUS ERYTHEMATOSUS SOCIETY OF WISCONSIN, INC. MILWAUKEE, WI LUPUS ERYTHEMATOSUS PROJECT MSN HS-MED MEDICINE RHEUMATOL	(133-F727)	2,437.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

99.	O'BRIEN (JAMES N. AND HELEN T) JANESVILLE, WI MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	(133-F729)	1,000.00
100.	NATIONAL RESEARCH COUNCIL WASHINGTON, DC COST OF RESEARCH ALLOWANCE IN THE 1982 POSTDOCTORAL FELLOWSHIPS FOR MINORITIES PROGRAM MSN L&S MATHEMATICS	(133-F736)	1,500.00
101.	CETUS MADISON CORPORATION MADISON, WI CETUS FELLOWSHIP IN THE DEPARTMENT OF AGRICULTURAL ECONOMICS MSN AG&LSC ECONOMICS (AGR)	(133-F738)	2,500.00
102.	DABBAGH (SHERMINE) MADISON, WI STETLER FELLOWSHIP SUPPLY ALLOWANCE MSN HS-MED PEDIATRICS	(133-F739)	1,000.00
103.	BRAZIL (GOVERNMENT OF THE FEDERATIVE REPUBLIC OF) BRASILIA, BRASIL IRRI/BRAZILIAN TECHNICAL ASSISTANCE PROGRAM MSN L&S IND REL RES INST	(133-F740)	297,000.00
104.	BERMANN (ANN T) MADISON, WI STETLER FELLOWSHIP SUPPLY ALLOWANCE MSN HS-MED PEDIATRICS	(133-F741)	1,000.00
105.	CHEVRON RESEARCH COMPANY RICHMOND, CA UNRESTRICTED RESEARCH GRANT MSN ENGR ENGR EXPER STA MECH ENGR	(133-F742)	7,500.00
106.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY DEVELOPMENT OF A DROSOPHILA ANEUPLOIDY ASSAY FOR THE PERIOD 12-01-82 THRU 11-30-83 AWARD # 15-13 MSN L&S ZOOLOGY	(133-F744)	11,000.00
107.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA IN-VESSEL CONDENSATION AND AEROSOL TRANSPORT DURING A SEVERE ACCIDENT IN AN LWR FOR THE PERIOD 10-18-82 THRU 01-31-83 AWARD # AGREEMENT TSA82-551 MSN ENGR ENGR EXPER STA NUCL ENGR	(133-F776)	15,310.00
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA MECH ENGR	(133-F778)	2,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

109.	PROCTER AND GAMBLE COMPANY CINCINNATI, OH EFFECTS OF INTRAVENOUS ETIDRONATE DISODIUM ON SERUM CALCIUM MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-F779)	9,600.00
110.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY MOLECULAR AND IMMUNOLOGICAL STUDIES OF ABELSON LYMPHOMA CELLS FOR THE PERIOD 01-01-83 THRU 12-31-83 AWARD # MV-49E MSN HS-MED ONCOLOGY (133-F780)	87,000.00
111.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY ESTROGEN REGULATION OF GROWTH FOR THE PERIOD 01-01-83 THRU 12-31-84 AWARD # BC-411 MSN AG&LSC BIOCHEMISTRY (133-F781)	184,380.00
112.	KIMBERLY-CLARK CORPORATION NEENAH, WI ORGANIC ACID PULPING OF WOOD FOR THE PERIOD 09-01-82 THRU 08-31-84 AWARD # P.O.#KW 9594-1 MSN AG&LSC NAT RESOURCES FORESTRY (133-F782)	22,500.00
113.	CONNECTICUT (UNIVERSITY OF) STORRS, CT PUBLISHING ASSISTANCE FOR BOOK, "JOHN HAWKESWORTH, EIGHTEENTH CENTURY MAN OF LETTERS", BY JOHN L. ABBOTT MSN GRAD U W PRESS (133-F785)	3,000.00
114.	EASTMAN KODAK COMPANY ROCHESTER, NY UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-F787)	3,000.00
115.	FOOD & AGRICULTURAL ORGANIZATION OF THE UNITED NATIONS ROME, ITALY SEASONAL INFLUENCES ON AGE AT PUBERTY OF THE BOVINE FEMALE MSN AG&LSC MEAT & ANIMAL SC (133-F788)	2,000.00
116.	RUNYON (DAMON) - WINCHELL (WALTER) CANCER FUND NEW YORK, NY TUMOR GROWTH KINETICS DURING MOUSE HEPATOCARCINOGENESIS FOR THE PERIOD 02-01-83 THRU 01-31-84 AWARD # DRG-626 MSN HS-MED PATHOL & LAB MED ANAT PATH (133-F790)	17,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

117.	AMERICAN SOYBEAN ASSOCIATION ST. LOUIS, MO CLINICAL TRIAL OF THE ALLERGENECITY OF SOYBEAN OIL MSN AG&LSC FOOD MICRO&TOXIC	(133-F792)	5,870.00
118.	WU (SHU-HUI) MADISON, WI RESEARCH ALLOWANCE FOR THE PERIOD 11-18-82 THRU 11-30-82 MSN HS-MED NEUROPHYSIOLOGY	(133-F793)	465.16
119.	NEW MEXICO (UNIVERSITY OF) ALBUQUERQUE, NM PUBLICATION ASSISTANCE FOR "BEOWULF'S WEALHTHEOW", A BOOK BY HELEN DAMICO MSN GRAD U W PRESS	(133-F794)	2,000.00
120.	SCHALKENBACH (ROBERT) FOUNDATION, INC. NEW YORK, NY PUBLICATION ASSISTANCE FOR THE BOOK "VOLUME 12, TAXATION, RESOURCES AND ECONOMIC DEVELOPMENT" SERIES MSN GRAD U W PRESS	(133-F795)	3,000.00
121.	BFC CHEMICALS, INC. WILMINGTON, DE WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	2,200.00
122.	MULTIPLE DONORS IN MEMORY OF SCOTT L. SWEET MENTAL HEALTH RESEARCH MSN HS-MED PSYCHIATRY	(133-5141)	415.00
123.	MULTIPLE DONORS SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	150,000.00
124.	MULTIPLE DONORS SUPPORT MEDICAL PHYSICS PROGRAM IN THE DEPARTMENT OF RADIOLOGY MSN HS-MED RADIOLOGY	(133-5448)	100.00
125.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM GULF OIL CORPORATION RESEARCH IN CHEMICAL KINETICS MSN ENGR MECHANICAL ENGR	(133-6950)	71.66
126.	MULTIPLE DONORS BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-7153)	50.00
127.	BFC CHEMICALS, INC. WILMINGTON, DE SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	1,000.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

128.	ALLERGAN PHARMACEUTICALS IRVINE, CA SCHOOL OF PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-7592)	5,000.00
129.	MULTIPLE DONORS SUPPORT RESEARCH PROGRAM IN HORTICULTURE MSN AG&LSC HORTICULTURE	(133-8373)	141.52
130.	MULTIPLE DONORS CYSTIC FIBROSIS RESEARCH MSN HS-MED PEDIATRICS	(133-8586)	16.00
131.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND TRAINING PROGRAM MSN AG&LSC NAT RESOURCES      WLIFE ECOL	(133-8598)	13,000.00

## STUDENT AID

1.	CONTINENTAL BANK CHICAGO, IL HELEN DENNE SCHULTE LOAN FUND (TRUST INCOME) MSN HS-NUR	( TRUST )	5,956.50
2.	CONTINENTAL BANK CHICAGO, IL WALTER B. SCHULTE SCHOLARSHIP FUND (TRUST INCOME) MSN ENGR      CHEMICAL ENGR	( TRUST )	5,956.50
3.	UW FOUNDATION - MADISON, WI TRANSFER FIRST BANK SYSTEM MATCHING GIFT JOSTEN MEMORIAL FUND (TRUST PRINCIPAL) MSN G SERV FELLOWS & SCHOLS	( TRUST )	100.00
4.	ALLEN J. SHAFER JR. SCHOLARSHIP (TRUST PRINCIPAL) MSN ATH      GENERAL OPERATNS ADMIN	( TRUST )	
	44,631.14      FIRST WISCONSIN-MADISON, WI DISTRIBUTION OF THE ESTATE OF ALLEN J. SHAFER, SR. (R.A. 07-10-81)		
	1,284.63      FIRST WISCONSIN - MADISON, WI ADDITIONAL DISTRIBUTION FROM ESTATE		
			45,915.77
5.	LYDIA Z. SHAFER SCHOLARSHIP (TRUST PRINCIPAL) MSN EDUC      PHYS ED & DANCE	( TRUST )	
	48,176.57      FIRST WISCONSIN - MADISON, WI DISTRIBUTION OF THE ESTATE OF ALLEN J. SHAFER, SR. (R.A. 07-10-81)		
	1,284.63      FIRST WISCONSIN - MADISON, WI ADDITIONAL DISTRIBUTION FROM ESTATE		
			49,461.20

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

- |     |  |              |              |
|-----|--|--------------|--------------|
| 6.  | MULTIPLE DONORS<br>JOHN BARROWS MEMORIAL SCHOLARSHIP<br>(TRUST PRINCIPAL)<br>MSN L&S SCHOOL OF MUSIC   | ( TRUST )    | 9.90         |
| 7.  | SAMEDAN OIL COMPANY<br>OKLAHOMA CITY, OK.<br>OIL & GAS LEASE BONUS AND ANNUAL<br>RENTAL - MARSHALL COUNTY, OK<br>JANE GODDARD SCHOLARSHIP FUND<br>(TRUST PRINCIPAL)<br>MSN G SERV FELLOWS & SCHOLS | ( TRUST )    | 12,554.16    |
| 8.  | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM<br>FOR THE PERIOD 07-01-82 THROUGH 06-30-83<br>AWARD # PO08302947, MOD. 1<br>MSN G SERV FELLOWS & SCHOLS       | ( 148-A083 ) | 1,896,474.00 |
| 9.  | BAKER (ROBERT EARL) ESTATE<br>PITTSBURGH, PA<br>VIOLA JURGERSON BAKER MEMORIAL FUND<br>MSN FR&CS FAM RSRC&CNSM SC  | ( 133-B967 ) | 1,347.35     |
| 10. | EASTMAN KODAK COMPANY<br>ROCHESTER, NY<br>ENGINEERING UNDERGRADUATE SCHOLARSHIPS<br>MSN ENGR   | ( 133-C484 ) | 2,737.50     |
| 11. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>A. H. EDGERTON MEMORIAL FUND<br>MSN EDUC GENERAL ADMIN DEANS OFF  | ( 133-D034 ) | 200.00       |
| 12. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR  | ( 133-E198 ) | 150.00       |
| 13. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>NELLIE BUTT FARM AND INDUSTRY SHORT COURSE<br>SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR   | ( 133-E330 ) | 5,900.00     |
| 14. | STANDARD OIL OF CALIFORNIA<br>SAN FRANCISCO, CA<br>UNDERGRADUATE SCHOLARSHIP IN THE DEPARTMENT OF<br>CHEMICAL ENGINEERING<br>MSN ENGR CHEMICAL ENGR  | ( 133-E450 ) | 1,500.00     |
| 15. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>JOHN WYNGAARD SCHOLARSHIP<br>MSN L&S JOURN & MASS COM   | ( 133-E769 ) | 1,000.00     |

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

16.	MULTIPLE DONORS DICK WEIGLE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ADM-RESID INSTR	(133-F643)	309.00
17.	UNION OIL COMPANY OF CALIFORNIA SCHAUMBURG, IL CHEMICAL ENGINEERING SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(133-F716)	1,000.00
18.	CAIN (JERRY W) UNION CITY, CA COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR ADMINISTRATION	(133-F731)	250.00
19.	WISCONSIN CLAIMS COUNCIL WAUKESHA, WI WISCONSIN CLAIMS COUNCIL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-F732)	500.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCELVAIN OUTSTANDING ACHIEVEMENT AWARDS TO GRADUATE STUDENTS MSN L&S CHEMISTRY	(133-F784)	12,000.00
21.	UW BADGER CROPS AND SOILS CLUB MADISON, WI UW BADGER CROPS AND SOILS CLUB SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-F789)	200.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM STANDARD OIL COMPANY OF CALIFORNIA CHEMICAL ENGINEERING FELLOWSHIP MSN ENGR CHEMICAL ENGR	(133-0814)	8,700.00
23.	DODGE COUNTY BANKER'S ASSOCIATION BEAVER DAM, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-2106)	300.00
24.	GRADUATE SCHOOL OF BANKING, CLASS OF 1982 CARMEL, IN GRADUATE SCHOOL OF BANKING SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS	(133-3821)	1,779.55
25.	WISCONSIN ROAD BUILDERS ASSOCIATION MADISON, WI SCHOLARSHIP IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-4867)	500.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM ERNST & WHINNEY FOUNDATION ERNST & WHINNEY SCHOOL OF BUSINESS SCHOLARSHIP- FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-5281)	600.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

- |     |  |            |          |
|-----|--|------------|----------|
| 27. | STAUFFER CHEMICAL COMPANY<br>SAN FRANCISCO, CA<br>SUPPORT DESERVING GRADUATE STUDENT IN THE<br>DEPARTMENT OF FOOD SCIENCE<br>MSN AG&LSC FOOD SCIENCE | (133-5590) | 6,000.00 |
| 28. | BRANN (ETHEL M) FOUNDATION, INC<br>GREEN BAY, WI<br>SCHOLARSHIP FOR GRADUATE STUDY IN THE AREA OF<br>PUBLIC LIBRARIANSHIP<br>MSN L&S LIBRARY SCHOOL  | (133-7541) | 750.00   |
| 29. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>FARM AND INDUSTRY SHORT COURSE SCHOLARSHIPS<br>MSN AG&LSC ADM-RESID INSTR               | (133-9540) | 5,250.00 |

## UNRESTRICTED

- |    |   |   |                       |
|----|---|---|-----------------------|
| 1. | MADISON CAMPUS CHANCELLORS SPECIAL FUND<br>(TRUST PRINCIPAL)<br>MSN G E A | ( TRUST )   |                       |
|    | 25.00   | RUSSELL C. PRIELIPP<br>HOLMDEL, N. J.   |                       |
|    | 4,768.93  | THE FIRST NATIONAL BANK & TRUST COMPANY<br>OF OKLAHOMA CITY, OK. -- ANNUAL DISTRIBUTION<br>FROM THE EARL A. KRONCKE TRUST |                       |
|    |   |   | 4,793.93              |
|    | TOTAL MADISON   |   | 8,412,842.81<br>===== |

INSTRUCTION	15,798.00
LIBRARIES	653,569.28
MISCELLANEOUS	1,381,701.76
PHYSICAL PLANT	15,394.94
RESEARCH	4,274,183.47
STUDENT AID	2,067,401.43
UNRESTRICTED	4,793.93



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

1. DR. ANTHONY JAMES CATANESE  
MILWAUKEE, WI  
GIFT OF 30 HARDCOVER PROFESSIONAL BOOKS, 55 SOFT-  
COVER PROFESSIONAL BOOKS, AIP/APA JOURNAL, COM-  
PLETE SET FROM 1975 & 1,000 SLIDES DONATED TO  
THE SCHOOL OF ARCHITECTURE AND URBAN PLANNING  
REFERENCE CENTER.  
AWARD # NONE  
MIL ARC&UP ADMINISTRATION REFRNC CTR
2. RICHARD J. KIRWIN  
MILWAUKEE, WI  
GIFT OF 100 BOOKS OF SPANISH LANGUAGE AND  
LITERATURE DONATED TO THE DEPARTMENT OF  
SPANISH AND PORTUGUESE.  
AWARD # NONE  
MIL L&S SPANISH & PORT SP & PORT
3. MARK LEUCK  
KENOSHA, WI  
GIFT OF 1000 COMIC BOOKS AND OTHER CHILDREN'S  
LITERATURE IN SPANISH AND PORTUGUESE DONATED TO  
THE DEPARTMENT OF SPANISH AND PORTUGUESE.  
AWARD # NONE  
MIL L&S SPANISH & PORT SP & PORT
4. PFISTER HOTEL AND TOWER  
MILWAUKEE, WI  
GIFT OF ACCOMODATIONS FOR SPEAKERS IN  
DISTINGUISHED SPEAKERS IN BIOCHEMISTRY AND  
MOLECULAR BIOLOGY DONATED TO THE DEPARTMENT OF  
ZOOLOGY  
AWARD # NONE  
MIL L&S ZOOLOGY

## INSTRUCTION

1. NATIONAL ENDOWMENT FOR THE ARTS  
WASHINGTON, D.C.  
WRITERS IN RESIDENCE  
FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
AWARD # 22-5242-413  
MIL L&S ENGLISH (144-S672) 6,000.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
INTRODUCTION TO FERNANDO ARRABAL  
FOR THE PERIOD 10-20-82 THROUGH 11-30-82  
AWARD # G-FY80-278(L)  
MIL L&S SPANISH & PORT (144-S655) 747.00
3. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
"BEHIND WORLD HEADLINES" RADIO SERIES  
FOR THE PERIOD 10-08-82 THROUGH 11-30-83  
AWARD # G-FY80-283(P)  
MIL URBN 0 INST OF WORLD AF (144-S670) 9,332.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

4. UWM FOUNDATION  
MILWAUKEE, WI  
SUPPORT FOR GRADUATE ASSISTANT  
MIL F ARTS ADMINISTRATION ADMIN (133-D747) 2,215.00
5. GENERAL ELECTRIC  
MILWAUKEE, WI  
JAPANESE LANGUAGE COURSE FOR G.E. EMPLOYEES  
FOR THE PERIOD 08/15/82 THROUGH 01/15/83  
MIL L&S COLL INSTR PROG OFF-CI-GEN (133-E597) 3,641.30
6. WISCONSIN ASSOCIATION OF CHILD CARE WORKERS  
MILWAUKEE, WI  
DEVELOPMENTAL PROJECT FOR THE TRAINING OF  
CHILD CARE WORKERS  
FOR THE PERIOD 01/01/82 THROUGH 12/31/82  
MIL URBN O ADMINISTRATION ADMIN (133-E600)
7. NATIONAL ACTION COUNCIL FOR MINORITIES  
IN ENGINEERING  
NEW YORK, NY  
GEST MOBILE SCIENCE DISPLAY PROJECT  
FOR THE PERIOD 10/01/82 THROUGH 06/30/83  
MIL ENG&AS ADMINISTRATION AC SUP-MIN (133-F438) 5,000.00
8. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, D.C.  
FISCAL YEAR 1983 RADIO COMMUNITY SERVICE GRANT  
FOR THE PERIOD 10/01/82 THROUGH 09/30/84  
AWARD # 5231-50023-94150  
MIL L&S MASS COMMUNICATN UWWM-ADM G (133-F439) 55,583.00

## LIBRARIES

1. THEODORE SAMORE  
MEQUON, WI  
"DISCRETIONARY ACCOUNT"  
MIL L&I SC SCH-LIB&INF SCI (133-8316) 2.20

## MISCELLANEOUS

1. U.N. PROGRAMS  
MIL URBN O INST OF WORLD AF (133-A408)  
  
600.00 UNA/USA WISCONSIN DIVISION  
MILWAUKEE, WI  
70.00 SHOREWOOD HIGH SCHOOL  
SHOREWOOD, WI  
500.00 WISCONSIN DEPARTMENT OF ADMINISTRATION  
MADISON, WI  
  
1,170.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

2.	UWM FOUNDATION (WUWM-FRIENDS) MILWAUKEE, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MIL L&S MASS COMMUNICATN WUWM-ADM G (133-C622)	23,800.00
3.	UWM FOUNDATION MILWAUKEE, WI SALARY SUPPORT FOR UWM FOUNDATION MIL U REL ASST CHAN OFFICE (133-D742)	57,296.04
4.	UWM FOUNDATION MILWAUKEE, WI SUPPORT FOR DEVELOPMENT OFFICE MIL U REL OFF OF DEVELPMNT (133-D746)	53,715.30
5.	UWM FOUNDATION (UWM - ALUMNI ASSOCIATION) MILWAUKEE, WI ATHLETICS - GENERAL SUPPORT MIL U REL ALUMNI (133-E578)	1,000.00
6.	DISCRETIONARY USE DEPARTMENT OF COMPARATIVE LITERATURE (HOLOCAUST RESOURCE CENTER) MIL L&S COMPARATIVE LIT (133-F437)	
	600.00 VARIOUS MILWAUKEE, WI	
	100.00 ESTHER K. ANSFIELD SHOREWOOD, WI	
	50.00 MRS. TOBY A. OLSON MILWAUKEE, WI	
		750.00
7.	SHEBOYGAN FALLS HIGH SCHOOL SHEBOYGAN FALLS, WI CONTRIBUTION IN GENERAL SUPPORT OF WORK OF CENTER FOR ECONOMIC EDUCATION FOR THE PERIOD 09/24/65 THROUGH 12/31/99 MIL L&S ECONOMIC EDUC (133-5160)	100.00
8.	LIPPINCOTT (J B) COMPANY CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SCHOOL OF NURSING MIL NURS NURSING (133-7653)	14,424.35
9.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONARY GRANT MIL L&S GEOL&GEOPH SCI'S GEOL SCI'S (133-7831)	177.91

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## PHYSICAL PLANT

1. U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
WASHINGTON, D.C.  
1982/83 INSTALLMENT, INTEREST SUBSIDY GRANT FOR  
THE CONSTRUCTION OF SANDBURG RESIDENCE HALLS -  
NORTH TOWER. FOR THE PERIOD 12/01/71 THROUGH  
06/01/2000.  
AWARD # CH-WIS-133 (D)  
MIL ADM AF ASST CHAN OFFICE 51,364.00
2. U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
WASHINGTON, D.C.  
1982/83 INSTALLMENT, INTEREST SUBSIDY GRANT FOR  
CONSTRUCTION OF THE STUDENT UNION ADDITION. FOR  
THE PERIOD 12/01/71 THROUGH 06/01/2000.  
AWARD # CH-WIS-134 (S)  
MIL ADM AF ASST CHAN OFFICE 114,744.50

## RESEARCH

1. AGRIC. FOREST SERVICE  
RHINELANDER, WI  
IN SUPPORT OF THE FOLLOWING:
  - 1) A CULTURAL RESOURCE SURVEY OF LANDS ON THE  
OTTAWA NATIONAL FOREST, IRON COUNTY, MICHIGAN  
FOR THE PERIOD 08-27-82 THROUGH 02-26-83  
AWARD # 53-569R-2-00102  
MIL L&S ANTHROPOLOGY (144-S557) 854.00
  - 2) DEVELOPMENT OF A PREDICTIVE MODEL OF CULTURAL  
RESOURCES FOR THE CHEQUAMEGAN NATIONAL FOREST,  
WISCONSIN  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # 53-569R-2-00131  
MIL L&S ANTHROPOLOGY (144-S657) 36,804.00
2. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ROCKVILLE, MD  
ASSESSING PHYSICAL FATIGUE AND STRESS IN  
WAREHOUSE OPERATIONS  
FOR THE PERIOD 08-31-81 THROUGH 06-30-83  
AWARD # 210-81-6008 MOD. 02  
MIL ENG&AS IND & SYSTS ENGR (144-R421) 5,995.00
3. DEPT. OF DEFENSE, NAVY  
CHICAGO, IL  
RELIABILITY THEORY  
FOR THE PERIOD 05-01-79 THROUGH 04-30-83  
AWARD # N00014-79-C-0321  
MIL L&S MATH SCIENCES (144-N016) 9,177.12
4. ENVIRONMENTAL PROTECTION AGENCY  
CHICAGO, IL  
STUDY OF THE EFFECTS OF INCREASING SODIUM CHLORIDE  
AND OTHER IONS ON THE PHYTOPLANKTON IN OFFSHORE  
WATERS OF LAKE MICHIGAN  
FOR THE PERIOD 06-01-81 THROUGH 12-31-82  
AWARD # R005655-010  
MIL GRAD GT LKS ST, CTR F GT LKS STU (144-R077) 9,819.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

5. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:
  - 1) POLISH AMERICANS IN MILWAUKEE: HISTORY FROM THE  
INSIDE OUT, A PLANNING STUDY  
FOR THE PERIOD 09-01-82 THROUGH 01-31-83  
AWARD # PM20673-82  
MIL LIBR LIBRARY (144-R970) 15,000.00-
  - 2) RESEARCH CONFERENCE: "AGING AND THE IMAGINATION:  
PERSPECTIVES FROM LITERATURE, PSYCHOLOGY,  
ANTHROPOLOGY"  
FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
AWARD # RD-20286-82  
MIL L&S TWENTIETH CEN ST (144-S671) 9,952.00
6. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C.  
GRACE E. KEYES - DOCTORAL DISSERTATION RESEARCH  
IN ANTHROPOLOGY  
FOR THE PERIOD 11-01-82 THROUGH 04-30-84  
MIL L&S ANTHROPOLOGY (144-S654) 1,755.00
7. UNIVERSITY OF CALIFORNIA  
BERKELEY, CA  
PRIME CONTRACTOR WITH NSF  
PALEOANTHROPOLOGICAL RESEARCH IN THE MIDDLE  
AWASH, ETHIOPIA  
FOR THE PERIOD 08-01-82 THROUGH 07-31-83  
MIL L&S ANTHROPOLOGY (144-S570) 16,041.00
8. ELECTRIC POWER RESEARCH INSTITUTE  
PALO ALTO, CA  
NEW SPECIFIC CHLORINE SPECIES ANALYTICAL  
INSTRUMENTATION DEVELOPMENT  
FOR THE PERIOD 10/01/78 THROUGH 12/31/83  
AWARD # RP1435-1 AMEND #4  
MIL L&S CHEMISTRY (133-B818) 39,514.00
9. UWM FOUNDATION ACT 819  
MILWAUKEE, WI  
RESEARCH ON GOLD BIOCHEMISTRY  
MIL L&S CHEMISTRY (133-D718) 1,000.00
10. PHYSICS TESTING - CONSULTATION AND ANALYSIS OF  
SAMPLES  
MIL L&S PHYSICS (133-E596)
 

950.00	MIDWEST RESEARCH MICROSCOPY, INC. MILWAUKEE, WI
800.00	VARIOUS MIDWEST RESEARCH MICROSCOPY, INC. MILWAUKEE, WI

1,750.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

11. UWM FOUNDATION  
MILWAUKEE, WI  
DISCRETIONARY RESEARCH  
MIL L&S GEOL&GEOPH SCI'S GEOL SCI'S (133-E610) 600.00
12. STRUCTURAL TESTING - USE OF EQUIPMENT  
MIL ENG&AS CIVIL ENGINEER'G (133-9372)  
  
80.00 COMPUTERIZED STRUCTURAL DESIGN  
MILWAUKEE, WI  
200.00 AQUA-CHEM  
MILWAUKEE, WI  
  
280.00
13. UWM FOUNDATION  
MILWAUKEE, WI  
UNRESTRICTED GRANT MADE TO SUPPORT THE WORK OF  
PROFESSOR W. KEITH HALL IN THE FIELD OF CATALYSIS  
PARTICULARLY IN THE AREA OF CATALYST ACIDITY.  
MIL L&S CHEMISTRY (133-9404) 6,000.00

## STUDENT AID

1. MULTIPLE DONORS  
GEORGE P. ETENHEIM MEMORIAL FUND  
(TRUST PRINCIPAL)  
MIL STU AF FINANCIAL AID FEL& SCHOL ( TRUST ) 80.00
2. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO083314554  
MIL STU AF FINANCIAL AID PROV'L&SUP (145-4183) 340,600.00
3. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM  
(INITIAL)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08334554  
MIL STU AF FINANCIAL AID FEL& SCHOL (146-4015) 392,741.00
  - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM  
(CONTINUING)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08344554  
MIL STU AF FINANCIAL AID FEL& SCHOL (146-4016) 480,017.00
4. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324554  
MIL STU AF FINANCIAL AID ST LN-NDSL ( LOANS ) 215,728.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

5. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:

1) COLLEGE WORK STUDY PROGRAM-ADMINISTRATIVE ACCOUNT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08314554  
MIL STU AF FINANCIAL AID (144-S566) 17,030.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM  
- ADMINISTRATIVE ACCOUNT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO083-34554/44554  
MIL STU AF FINANCIAL AID (144-S567) 34,910.00

3) NATIONAL DIRECT STUDENT LOAN PROGRAM - FINANCIAL  
AID ADMINISTRATIVE ACCOUNT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324554  
MIL STU AF FINANCIAL AID (144-S662) 4,494.00

4) NATIONAL DIRECT STUDENT LOAN PROGRAM -  
ADMINISTRATIVE AFFAIRS ADMINISTRATIVE ACCOUNT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324554  
MIL ADM AF ASST CHAN OFFICE (144-S663) 4,494.00

TOTAL MILWAUKEE 2,015,697.72  
=====

INSTRUCTION	82,518.30
LIBRARIES	2.20
MISCELLANEOUS	152,433.60
PHYSICAL PLANT	166,108.50
RESEARCH	124,541.12
STUDENT AID	1,490,094.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - EAU CLAIRE

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIALIZED PRESCHOOL EMPHASIS FOR SPEECH-  
LANGUAGE PATHOLOGISTS  
FOR THE PERIOD 06-01-82 THROUGH 05-31-84  
EAU ART&SC COMMUN DISORDERS (144-3027) 11,621.00
2. ILLINOIS BELL TELEPHONE  
HINSDALE, IL  
DISCRETIONARY MONIES TO SCHOOL OF BUSINESS FOR  
DEVELOPMENT AND PROMOTION  
AWARD # CK# 422  
EAU BUS DEAN-SCH OF BUS DEAN-S BUS (133-3029) 300.00
3. HOBBS FOUNDATION  
EAU CLAIRE, WI  
PURCHASE OF FILMS FOR AMERICAN INDIAN CULTURE  
COURSE FOR THE PERIOD 10-12-82 THROUGH 10-11-83  
AWARD # CK# 1595  
EAU ART&SC DEAN-ARTS & SCI (133-3030) 1,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08314551  
EAU ST AST WORK-STUDY (145-2029) 876,235.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08334551  
EAU ST AST ED OPPOR GRANTS (146-2031) 333,073.00
  - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08344551  
EAU ST AST ED OPPOR GRANTS (146-3039) 304,111.00
3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324551  
EAU ST AST NATL DIR STU LNS ( LOANS ) 389,526.00

TOTAL EAU CLAIRE 1,915,866.00  
=====

INSTRUCTION 12,921.00  
STUDENT AID 1,902,945.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN MEMORIAL ARBORETUM GB FCL PL ADMINISTRATION	(133-B653)	6,145.86
2. MULTIPLE DONORS MISCELLANEOUS TESTS AND EVALUATION GB O ED D ADMINISTRATION	(133-F708)	127.00

## RESEARCH

1. CHEMICAL SPECIALTY PRODUCTS RANDOLPH, WI AUTOMOTIVE CARE PRODUCTS GBY ENV SC SCI & ENVIR CHG	(133-E493)	250.00
2. GREEN BAY METROPOLITAN SEWERAGE DISTRICT GREEN BAY, WI HYDRODYNAMIC AND WATER QUALITY MODELING IN LOWER GREEN BAY AT A \$24,037 LEVEL GBY ENV SC SCI & ENVIR CHG	(133-F218)	6,577.00

## STUDENT AID

1. MULTIPLE DONORS SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GB I R & A ATHLETICS - MEN	(133-7213)	550.00
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TOTAL GREEN BAY	13,649.86
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MISCELLANEOUS	6,272.86
RESEARCH	6,827.00
STUDENT AID	550.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - LACROSSE

## GIFT-IN-KIND

1. JONES INTEVCABLE, INC  
ONALASKA, WI  
GIFT OF INSTRUCTIONAL TELEVISION EQUIPMENT  
LAC

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL COOPERATIVE EDUCATION GRANT  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # QOO-82-24-074  
LAC ACAD S PLAC & CAREER AD (144-0512) 1,468.00
  - 2) CURRICULAR MATERIALS TO MAINSTREAM SPECIAL  
EDUCATION STUDENTS  
FOR THE PERIOD 06-01-82 THROUGH 05-31-83  
AWARD # GOO8102105  
LAC EDUC TEACHER EDUC (144-4506) 10,933.00
  - 3) PREPARATION OF SPECIAL EDUCATION TEACHERS  
FOR THE PERIOD 06-01-82 THROUGH 05-31-83  
AWARD # GOO8101854  
LAC L&S PSYCHOLOGY (144-7853) 13,939.00

## RESEARCH

1. INTERIOR, DEPT OF  
WASHINGTON, DC  
RESEARCH ON FISH HABITAT AT LACROSSE FISHERIES  
LABORATORY  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # 83420-1300-976-FY83  
LAC L&S BIOLOGY (144-1618) 93,600.00
2. UW LACROSSE FOUNDATION  
LACROSSE, WI  
FUNDS FOR ARBORETUM MANAGER FOR THE PERIOD  
07-01-82 THROUGH 06-30-83  
LAC L&S DEANS OFFICE (133-0103) 21,919.00
3. VARIOUS SOURCES  
LACROSSE, WI  
CARDIOVASCULAR RESEARCH FOR THE PERIOD  
07-01-82 THROUGH 06-30-83  
LAC H,PE&R LAC EXERCISE PRG (133-2704) 24,826.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - LACROSSE

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08314552 LAC STU AF FIN ASSIST TO ST	( 145-5580 )	388,652.00
2. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - INITIAL FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08334552 LAC STU AF FIN ASSIST TO ST	( 146-5510 )	208,885.00
2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - CONTINUING FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08344552 LAC STU AF FIN ASSIST TO ST	( 146-5511 )	114,887.00
3. EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08324552 LAC STU AF FIN ASSIST TO ST	( LOANS )	92,371.00
TOTAL LACROSSE		971,480.00 =====
INSTRUCTION	26,340.00	
RESEARCH	140,345.00	
STUDENT AID	804,795.00	

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - OSHKOSH

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
SUMMER YOUTH EMPLOYMENT PROGRAM, LAKE WINNEBAGO  
AREA  
FOR THE PERIOD 05-01-82 THROUGH 09-30-82  
AWARD # 4 SWY 82345  
OSH EDUC INSTRUCTION (144-4487) 9,300.00
2. WI DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
IN-SCHOOL WORK EXPERIENCE  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1WY-83-345  
OSH EDUC INSTRUCTION (144-4494) 34,200.00
3. WI DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
VOCATIONAL EXPLORATION PROGRAM  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1SV-83-345  
OSH EDUC INSTRUCTION (144-4495) 12,500.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08314555  
OSH STU A WORK STUDY STU SVCS (145-4515) 260,459.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08344555  
OSH STU A ED OPPOR GRANTS (146-4621) 64,870.00
  - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08334555  
OSH STU A ED OPPOR GRANTS (146-4629) 97,305.00
3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324555  
OSH STU A NATL DIR STU LNS ( LOANS ) 208,820.00

TOTAL OSHKOSH

687,454.00  
=====EXTENSION AND PUBLIC SERVICE  
STUDENT AID56,000.00  
631,454.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - PARKSIDE

## RESEARCH

1. IIT RESEARCH INSTITUTE  
WASHINGTON, DC  
PRIME CONTRACTOR WITH DOD NAVY  
A STUDY ON THE EFFECTS OF EXPOSING THE SLIME MOLD  
PHYSARUM POLYCEPHALEN TO ELECTROMAGNETIC FIELDS  
AT THE CLAM LAKE TEST FACILITY  
FOR THE PERIOD 07-08-82 THROUGH 11-07-82  
AWARD # EO6516-82-C-30015  
PKS SC&SOC SCIENCE ADMIN (144-S321) 22,004.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AT A TOTAL COST OF \$133,286.00  
AWARD # PO08314556, MOD. 1  
PKS BUS SV FELLOWS & SCHOLS (145-3183) 66,643.00

2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS  
PROGRAM (INITIAL GRANTS)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AT A TOTAL COST OF \$187,479.00  
AWARD # PO08334556, MOD. 1  
PKS BUS SV FELLOWS & SCHOLS (146-3015) 114,139.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS  
PROGRAM (CONTINUING GRANTS)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AT A TOTAL COST OF \$187,479.00  
AWARD # PO08344556, MOD. 1  
PKS BUS SV FELLOWS & SCHOLS (146-3016) 114,139.00

3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324556  
PKS SL&W-S STUDENT LOANS ( LOANS ) 44,163.00

4. MULTIPLE DONORS  
JAMES E. MCKEOWN MEMORIAL SCHOLARSHIP FUND  
PKS SC&SOC BEHAVIORAL SCI ADMIN (133-F148) 50.00

TOTAL PARKSIDE 361,138.00  
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RESEARCH 22,004.00  
STUDENT AID 339,134.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08314557  
PLT G E A VICE CHANCELLOR VICE CHANC (145-0197) 526,757.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08334557  
PLT ST AST ED OPPOR GRANTS (146-0195) 92,665.00
  - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08344557  
PLT ST AST ED OPPOR GRANTS (146-0196) 74,132.00
3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324557  
PLT ST AST NATL DIR STU LNS ( LOANS ) 62,073.00
4. EDUCATION, DEPT OF  
WASHINGTON, DC  
BASIC EDUCATIONAL OPPORTUNITY GRANT  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302957  
PLT ST AST BEOG PROGRAM (148-0194) 62,050.00
5. UW AGRICULTURE ALUMNI ASSOCIATION - MANITOWOC  
MANITOWOC, WI  
COLLEGE OF AGRICULTURE SCHOLARSHIP FOR THE  
PERIOD 09-82 THROUGH 06-83  
AWARD # CK# 3512  
PLT AGRIC DEAN OF AGRIC (133-0193) 100.00
6. THE FEDERAL LAND BANK OF ST. PAUL  
ST. PAUL, MN  
COLLEGE OF AGRICULTURE SCHOLARSHIP FOR THE  
PERIOD 08-82 THROUGH 05-83  
AWARD # CK# 101381  
PLT AGRIC DEAN OF AGRIC (133-0198) 500.00
7. THE INVESTMENT CASTING INSTITUTE  
DALLAS, TX  
SUPPLIES AND SCHOLARSHIPS  
AWARD # CK# 861  
PLT B,I&C INDUSTRIAL STU (133-0199) 1,500.00

TOTAL PLATTEVILLE

819,777.00

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STUDENT AID

819,777.00



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## LIBRARIES

1. EDUCATION, DEPT OF WASHINGTON, DC LIBRARY BOOKS THROUGH TITLE II FOR THE PERIOD 10-01-82 THROUGH 09-30-83 AWARD # GO08252545 RVF LIBR R UNIV LIBRARY	(144-0682)	840.00
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## RESEARCH

1. WI DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS DEVELOP A TRACKING AND DIAGNOSTIC CENTER FOR WESTERN WISCONSIN CHILDREN AND INFANTS WITH DEVELOPMENTAL DISABILITIES FOR THE PERIOD 10-01-82 THROUGH 09-30-83 RVF ART&SC COMMUN DISORDERS	(144-0686)	32,076.40
2. INTERNATIONAL HARVESTOR CO HILLSIDE, IL RESPONSE OF LACTATING COWS TO ENSEILED ALFALFA FOR THE PERIOD 07-01-82 THROUGH 03-30-83 AWARD # 80R005AS RVF AGRIC ANIMAL SCIENCE	(133-0612)	32,500.00
3. DOMAIN INDUSTRIES NEW RICHMOND, WI RESPONSE OF EWES FED LARGE ROUND BALED HAY TREATED WITH SODIUM DIACETATE FOR THE PERIOD 04-25-82 THROUGH 10-01-82 RVF AGRIC ANIMAL SCIENCE	(133-0613)	1,875.00
4. WI DEPT OF NATURAL RESOURCES MADISON, WI AMBIENT AIR MONITORING STATION IN RIVER FALLS FOR THE PERIOD 10-01-82 THROUGH 09-30-83 AWARD # NRC 90622 RVF AGRIC PLANT & EARTH SC	(133-0618)	973.59

## STUDENT AID

1. FEDERAL LAND BANK ST. PAUL, MN SCHOLARSHIPS FOR QUALIFIED INDIVIDUALS FOR THE PERIOD 07-01-82 THROUGH 06-30-83 RVF ST AST MISC OTHER	(133-0652)	500.00
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TOTAL RIVER FALLS	68,764.99
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LIBRARIES	840.00
RESEARCH	67,424.99
STUDENT AID	500.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
BOOKS IN THE CLASSROOM AND LIBRARY: THE RIGHTS  
OF PARENTS, TEACHERS AND STUDENTS  
FOR THE PERIOD 09-01-82 THROUGH 10-31-82  
AWARD # G-FY80-256-W103  
STP COLS ENGLISH (144-6510) 795.00

## RESEARCH

1. AGRIC, FOREST SERVICE  
RHINELANDER, WI  
TELEMETRY STUDIES IN FISHER HABITAT RESEARCH  
FOR THE PERIOD 08-16-82 THROUGH 12-31-83  
AWARD # 43-56A6-2-678  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8487) 1,600.00
2. UNIVERSITY OF KANSAS - CENTER FOR RESEARCH, INC.  
LAWRENCE, KANSAS  
PRIME CONTRACTOR WITH DOD AF  
THE HUMAN ELEMENT IN TACTICAL AIR WEAPONS SYSTEMS  
FOR THE PERIOD 02-15-82 THROUGH 09-30-82  
AWARD # 8214  
STP COLS ECON & BUS ADM (144-6203) 9,200.00
3. UNION CARBIDE CORPORATION  
OAK RIDGE, TENNESSEE  
PRIME CONTRACTOR WITH DOE  
COOPERATIVE AGREEMENT TO ASSIST OAK RIDGE  
NATIONAL LABORATORY IN ENVIRONMENTAL SCIENCE  
WORK  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # 7149  
STP CONR NATURAL RESOURCS NAT RESRCS (144-0913) 35,968.00
4. MANITOWOC COUNTY SOIL AND WATER  
CONSERVATION DISTRICT  
MANITOWOC, WI  
INTERN AGREEMENT - RELATING TO SOIL AND WATER  
CONSERVATION ACTIVITIES FOR THE PERIOD 06-01-82  
THROUGH 08-27-82  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8498) 2,600.00

TOTAL STEVENS POINT 50,163.00  
=====

EXTENSION AND PUBLIC SERVICE	795.00	
RESEARCH	49,368.00	

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL CENTER FOR MATERIALS DEVELOPMENT AND  
INFORMATION DISSEMINATION IN VOCATIONAL EVALUATION  
WORK ADJUSTMENT FACILITY ADMINISTRATION AND  
PLACEMENT  
FOR THE PERIOD 09-30-82 THROUGH 09-29-83  
AWARD # 129FH20006  
STO EDUC STO VOC REH INST MATL DEV C (144-0514) 68,808.00
2. GOVERNOR'S EMPLOYMENT & TRAINING OFFICE  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
WISCONSIN YOUTH INITIATIVE PROJECT - CETA  
FOR THE PERIOD 10-01-82 THROUGH 12-31-82  
AWARD # G4AD-83-995  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0502) 13,556.00

## GIFT-IN-KIND

1. AMERICAN HONDA MOTOR CO  
GREENDALE, WI  
GIFT OF 1981-1800 CC ENGINE; 1978-1500 CC ENGINE;  
1978-1200 CC ENGINE; A 4 SPEED TRANSMISSION; A 5  
SPEED TRANSMISSION; A 3 SPEED TRANSMISSION; A 2  
SPEED TRANSMISSION  
AWARD # 0101182A  
STO
2. NOR-LAKE, INC  
HUDSON, WI  
GIFT OF "THE WINERY" WINE DISPENSER, BUILT-IN  
REFRIGERATION, PORTABLE, CARAFEGGLASS STORAGE,  
PULL-OUT TAP  
AWARD # 092882A  
STO
3. JAMES TENORIO  
MENOMONIE, WI  
GIFT OF MISCELLANEOUS SCREWS, BOLTS AND FASTENERS  
FOR THE LAB AND EQUIPMENT MAINTENANCE  
AWARD # 093082AB  
STO
4. SPEED QUEEN COMPANY  
RIPON COMPANY  
TWO SPEED QUEEN AUTOMATIC WASHING MACHINES AND  
AN AUTOMATIC DRYER  
AWARD # 092882AB  
STO
5. SANDY LEE MANUFACTURING  
MENOMONIE, WI  
GIFT OF VARIOUS COLORS OF INDUSTRIAL SEWING THREAD  
AWARD # 0100682A  
STO

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) A RURAL PARTNERSHIP OF BUSINESS, INDUSTRY  
AND REHABILITATION  
FOR THE PERIOD 09-30-82 THROUGH 09-29-83  
AWARD # 128BH20093  
STO EDUC STO VOC REH INST VDC-PLAC (144-0406) 167,000.00
  - 2) LONG-TERM TEACHING GRANT AND TRAINEESHIPS IN WORK  
EVALUATION AND WORK ADJUSTMENT  
FOR THE PERIOD 09-01-82 THROUGH 08-31-83  
AWARD # 129F520001  
STO EDUC STO VOC REH INST DEPT OF VR (144-0504) 200,000.00
2. WEST CENTRAL EMPLOYMENT & TRAINING SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH LABOR  
UPGRADING - CETA  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1UJ-83-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0407) 6,131.00
3. WEST CENTRAL EMPLOYMENT & TRAINING SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH LABOR  
PRE-VOCATIONAL TRAINING - CETA  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1CA-83-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0523) 58,000.00
4. WEST CENTRAL EMPLOYMENT & TRAINING SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH LABOR  
CLASSROOM TRAINING/CUSTOMIZED - CETA  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1CU-83-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0524) 56,566.00
5. WEST CENTRAL EMPLOYMENT & TRAINING SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH LABOR  
EMPLOYMENT GENERATING SERVICES - CETA  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1EG-83-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0526) 58,866.00
6. WEST CENTRAL EMPLOYMENT & TRAINING SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH LABOR  
CETA GRANT ENTITLED "JOB BOUND"  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1CU-83-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0527) 84,046.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - STOUT

## INSTRUCTION

7. WI DEPT OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
TAILORED TRAINING OPPORTUNITIES PROGRAM - CETA  
FOR THE PERIOD 07-19-82 THROUGH 09-30-82  
AWARD # 2TAA-82-696  
STO EDUC STO VOC REH INST VDC-PLAC (144-0460) 13,162.00
8. WI DEPT OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
TAILORED TRAINING OPPORTUNITIES PROGRAM II - CETA  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # T1TT-83-995  
STO EDUC STO VOC REH INST VDC-PLAC (144-0520) 61,332.00
9. WISCONSIN PRIVATE SECTOR INITIATIVE PROGRAM INC.  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
WEST CENTRAL SERVICES CONTRACT - CETA  
FOR THE PERIOD 10-01-82 THROUGH 12-31-82  
AWARD # 9416-1-B-82-A  
STO EDUC STO VOC REH INST VDC-EVAL (144-0584) 4,552.00
10. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
SPECIAL TRAINING PROGRAM FOR A JAPANESE STUDENT  
FOR THE PERIOD 03-01-82 THROUGH 12-31-82  
AWARD # 012345A  
STO EDUC STO VOC REH INST DEPT OF VR (133-0636) 4,000.00
11. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
PURCHASE OF SMALL BUSINESS COMPUTER FOR HOTEL AND  
RESTAURANT MANAGEMENT PROGRAM FOR THE PERIOD 04-82  
THROUGH 06-82  
AWARD # 01234A  
STO H ECON HABITATNL RESRCS (133-0675) 2,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM  
(PELL GRANT)  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302953  
STO ST AST BEOG PROGRAM (148-0622) 741,670.00

TOTAL STOUT 1,539,689.00

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EXTENSION AND PUBLIC SERVICE	82,364.00
INSTRUCTION	715,655.00
STUDENT AID	741,670.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - WHITEWATER

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # LTR DTD 09-30-82 WTW ST AST WORK-STUDY	STU SVCS	(145-0530)	41,954.00
2. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:			
1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - INITIAL FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # LTR DTD 09-30-82 WTW ST AST ED OPPOR GRANTS			
		(146-0342)	57,819.00
2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - CONTINUING FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # LTR DTD 09-30-82 WTW ST AST ED OPPOR GRANTS			
		(146-0343)	48,182.00
3. EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # LTR DTD 09-30-82 WTW ST AST NATL DIR STU LNS			
	( LOANS )		3,233.00
TOTAL WHITEWATER			151,188.00 =====
STUDENT AID		151,188.00	

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. VINING F. IHLENFELD CPA  
MANITOWOC, WI  
WORKS OF BALZAC V. 3-25, AMERICAN HERITAGE 1958-  
1978  
GIFT-IN-KIND  
CNS MANIT LIBRARY
2. MILLICENT KALIL - WILLOW SPRINGS, MO  
RUTH MITCHELL - WOODS, WI  
MISCELLANEOUS BOOKS  
GIFT-IN-KIND  
CNS WAUK LIBRARY
3. DR. GHULAM SHAH  
BROOKFIELD, WI  
PERIODICALS OF THE AMERICAN MATHEMATICAL SOCIETY  
GIFT-IN-KIND  
CNS WAUK LIBRARY

## LIBRARIES

- |                     |            |       |
|---------------------|------------|-------|
| 1. MULTIPLE DONORS  |            |       |
| ART-LIBRARY FUND    |            |       |
| CNS FD LAC LIBRARY  | (133-F786) | 75.00 |
| TOTAL CENTER SYSTEM |            | 75.00 |
|                     |            | ===== |
| LIBRARIES           | 75.00      |       |



GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. JEAN C. EVANS MEMORIAL LECTURE  
(TRUST PRINCIPAL)  
EXT G E A CHANCELLORS OFF CHANC OFF ( TRUST )
 

130.00	MULTIPLE DONORS -- TO ESTABLISH THIS FUND TO SUPPORT A LECTURE WHICH IS PART OF A CONFERENCE HELD AT LEAST ONCE EVERY FIVE YEARS IN WHICH NATIONAL EXPERTS AND PARTICIPANTS FROM EXTENSION AND CONTINUING EDUCATION DISCUSS DEVELOPMENTS, ETC
140.00	MULTIPLE DONORS
80.00	MULTIPLE DONORS
190.00	MULTIPLE DONORS
557.54	MULTIPLE DONORS
85.00	MULTIPLE DONORS
170.00	MULTIPLE DONORS
70.00	MULTIPLE DONORS

1,422.54
2. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH COMM  
WISCONSIN'S COASTAL MANAGEMENT PROGRAM (WCMP)  
CITIZENS COMMITTEE STAFFING, WCMP PUBLIC INFORMA-  
TION AND COASTAL EDUCATION PROGRAMMING  
FOR THE PERIOD 09-01-82 THROUGH 08-31-83  
AWARD # 83002-834-9  
EXT G EXT LIBRL ST-SOC SCI (144-S559) 27,147.00
3. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ROCKVILLE, MD  
ASSESSING PHYSICAL FATIGUE AND STRESS IN WAREHOUSE  
OPERATIONS  
FOR THE PERIOD 08-31-81 THROUGH 06-30-83  
AT A TOTAL COST OF \$55,514.00  
AWARD # 210-81-6008, MOD. 3  
EXT G EXT SCH FOR WORKERS (144-R420) 6,666.00
4. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
ENGINEERING ASSISTANCE FOR INSTITUTIONAL  
BUILDINGS GRANTS PROGRAM  
FOR THE PERIOD 09-01-82 THROUGH 06-30-83  
AWARD # ADC-00991  
EXT G EXT ENGINEER'G INST&SHT C (144-S647) 32,051.00
5. LABOR, DEPT OF  
WASHINGTON, DC  
UNION- UNIVERSITY OCCUPATIONAL SAFETY AND HEALTH  
TRAINING PROGRAM  
FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
AWARD # E9F3D305, MOD. 8  
EXT G EXT SCH FOR WORKERS (144-S683) 10,010.00

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

6. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
RADIO AND THE HUMANITIES  
FOR THE PERIOD 11-01-82 THROUGH 10-31-83  
AWARD # G-FY80-276(L)  
EXT ED COM RADIO (144-S646) 25,994.00
  
7. TRANSPORTATION, DEPT OF  
WASHINGTON, DC  
METHOD FOR EFFECTIVE TRANSFER AND IMPLEMENTATION  
OF HIGHWAY MAINTENANCE TECHNOLOGY  
FOR THE PERIOD 09-30-82 THROUGH 12-31-83  
AWARD # DTFH61-82-C-00105  
EXT G EXT DUP-ST TRANSPORT (144-S638) 66,011.00
  
8. KELLOGG (W.K.) FOUNDATION  
BATTLE CREEK, MI  
KELLOGG NATIONAL FELLOWSHIP FOR THE PERIOD  
07-01-80 THRU 06-30-83 AT A \$28,232 LEVEL  
EXT COOP E AGRIC ECONOMICS (133-E087) 8,840.00
  
9. EASTERN EDUCATIONAL TELEVISION NETWORK  
BOSTON, MA  
"SPROCKETS" PROGRAM FOR THE PERIOD  
09-01-81 THRU 08-31-84 AT A \$95,682 LEVEL  
EXT ED COM TELEVISION (133-E256) 552.00
  
10. WISCONSIN AMERICAN LEGION AUXILIARY  
MILWAUKEE, WI  
BADGER GIRLS STATE 1982  
EXT G EXT GOV'TL AFFAIRS (133-E933) 10,556.97
  
11. EASTERN EDUCATIONAL TELEVISION NETWORK  
BOSTON, MA  
SPROCKETS II AT A \$145,340 LEVEL  
EXT ED COM TELEVISION (133-F063) 6,032.00
  
12. NATIONAL PUBLIC RADIO  
WASHINGTON, DC  
WOODLAND INDIAN RADIO PROJECT FOR THE PERIOD  
02-23-82 THRU 02-28-83  
EXT ED COM RADIO (133-F140) 14,794.00
  
13. WISC DEPT OF TRANSPORTATION  
MADISON, WI  
PRODUCTION OF 'STAYING ALIVE' PROGRAM  
AWARD # P.O. # TRC 02318  
EXT ED COM TELEVISION (133-F258) 4,565.30
  
14. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, DC  
WHO'S SUPPORTING THE KIDS? FOR THE PERIOD  
08-01-82 THRU 06-30-83  
AWARD # CPB NO. 2132/11102  
EXT ED COM TELEVISION (133-F540) 141,002.20

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

15.	WISC DEPT OF TRANSPORTATION MADISON, WI PRODUCTION OF FILM SHOWING THE INCAPACITATING EFFECTS OF OPERATING A MOTORCYCLE WHILE UNDER THE INFLUENCE OF ALCOHOL EXT ED COM TELEVISION	(133-F547)	16,000.00
16.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI STATEWIDE LINE 21 PROJECT FOR 1982-83 AWARD # P.O. # ECC00304 EXT ED COM TELEVISION	(133-F718)	8,816.00
17.	COOPERATIVE FOUNDATION ST. PAUL, MN ANALYSIS OF EQUITY FINANCING AND CREDIT POLICIES OF LOCAL COOPERATIVES FOR THE PERIOD 09-01-82 THRU 08-31-83 EXT COOP E U CTR FOR COOP'S	(133-F721)	5,000.00
18.	COOPERATIVE FOUNDATION ST. PAUL, MN 1982-83 LEGAL-FINANCE PROCEEDINGS TYPING EXT COOP E U CTR FOR COOP'S	(133-F722)	500.00
19.	PUBLIC BROADCASTING SERVICE WASHINGTON, DC 1982-83 TUNE-IN CAMPAIGN EXT ED COM TELEVISION	(133-F728)	3,086.00
20.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI PRISON MINORITY STAFF RECRUITMENT-TV AND RADIO PUBLIC SERVICE ANNOUNCEMENTS AWARD # P.O. # FCC-21,405 EXT ED COM TELEVISION	(133-F730)	6,711.60
21.	MILWAUKEE AREA TECHNICAL COLLEGE WMVS CHANNEL 10 MILWAUKEE, WI SUPPORT OF LINE 21 AWARD # P.O.#K03495-60 EXT ED COM TELEVISION	(133-F791)	5,637.00
22.	MULTIPLE DONORS SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT G EXT BUS-MGT INSTIT BUS-MGT I	(133-4539)	50.00
23.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT COOP E PRSNL&PRFNL DVLP PRSNL&P DV	(133-7462)	100.00
24.	WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE MADISON, WI DAIRY HERD IMPROVEMENT EXT COOP E DAIRY SCIENCES	(133-9260)	1,250.00

TOTAL EXTENSION

402,794.61

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EXTENSION AND PUBLIC SERVICE

402,794.61

GIFTS, GRANTS AND CONTRACTS  
DECEMBER 10, 1982

## UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

## MISCELLANEOUS

1.	MULTIPLE DONORS		
	THE EUGENE C. CRAVEN MEMORIAL AWARD		
	(TRUST PRINCIPAL)		
	SA PRES OFF OF THE PRES	( TRUST )	45.00
2.	MULTIPLE DONORS		
	THE EUGENE C. CRAVEN MEMORIAL AWARD		
	(TRUST PRINCIPAL)		
	SA PRES OFF OF THE PRES	( TRUST )	350.00
	TOTAL CENTRAL ADMINISTRATION		395.00
			=====
	MISCELLANEOUS	395.00	

GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 10-19-82 THROUGH 11-22-82

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	395	-0-	-0-	-0-	-0-	395
CENTER SYSTEM	-0-	-0-	75	-0-	-0-	-0-	-0-	-0-	75
EAU CLAIRE	-0-	12,921	-0-	-0-	-0-	-0-	1,902,945	-0-	1,915,866
EXTENSION	402,795	-0-	-0-	-0-	-0-	-0-	-0-	-0-	402,795
GREEN BAY	-0-	-0-	-0-	6,273	-0-	6,827	550	-0-	13,650
LA CROSSE	-0-	26,340	-0-	-0-	-0-	140,345	804,795	-0-	971,480
MADISON	-0-	15,798	653,569	1,381,702	15,395	4,274,183	2,067,401	4,794	8,412,843
MILWAUKEE	-0-	82,518	2	152,434	166,109	124,541	1,490,094	-0-	2,015,698
OSHKOSH	56,000	-0-	-0-	-0-	-0-	-0-	631,454	-0-	687,454
PARKSIDE	-0-	-0-	-0-	-0-	-0-	22,004	339,134	-0-	361,138
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	819,777	-0-	819,777
RIVER FALLS	-0-	-0-	840	-0-	-0-	67,425	500	-0-	68,765
STEVENS POINT	795	-0-	-0-	-0-	-0-	49,368	-0-	-0-	50,163
STOUT	82,364	715,655	-0-	-0-	-0-	-0-	741,670	-0-	1,539,689
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	151,188	-0-	151,188
 TOTAL DEC 1982	 541,954	 853,232	 654,486	 1,540,803	 181,503	 4,684,694	 8,949,508	 4,794	 17,410,975
PREVIOUSLY REPORTED	5,566,201	9,467,378	462,336	3,411,745	2,029,955	68,421,660	15,687,614	35,869	105,082,757
GRAND TOTAL	6,108,154	10,320,610	1,116,822	4,952,548	2,211,458	73,106,354	24,637,122	40,663	122,493,732
 TOTAL DEC 1981	 1,344,411	 218,074	 5,702	 493,934	 -0-	 2,521,012	 764,750	 25	 5,347,908
PREVIOUSLY REPORTED	3,575,604	11,170,817	596,321	4,097,267	1,188,940	71,013,438	30,609,327	881	122,252,595
GRAND TOTAL	4,920,015	11,388,891	602,023	4,591,201	1,188,940	73,534,450	31,374,077	906	127,600,503
 FEDERAL TOTAL DEC 1982	 307,038	 779,293	 840	 390,093	 166,109	 2,946,115	 8,775,301	 -0-	 13,364,788
PREVIOUSLY REPORTED	2,485,886	9,018,488	15,960	1,069,845	209,443	49,316,993	14,502,541	-0-	76,619,156
FEDERAL GRAND TOTAL	2,792,924	9,797,781	16,800	1,459,938	375,552	52,263,108	23,277,842	-0-	89,983,944
 FEDERAL TOTAL DEC 1981	 704,003	 156,166	 -0-	 45,593	 -0-	 1,888,398	 676,147	 -0-	 3,470,306
PREVIOUSLY REPORTED	1,547,582	10,327,127	151,404	1,238,345	355,875	56,571,262	29,522,206	-0-	99,713,801
FEDERAL GRAND TOTAL	2,251,585	10,483,293	151,404	1,283,938	355,875	58,459,660	30,198,353	-0-	103,184,108

## YEAR 2000 MASTER PLAN FOR THE UW-MILWAUKEE

Presented by Chancellor Horton

December 10, 1982

I would like to open with a quote from author Alvin Toffler: "If we do not learn from history, we shall be compelled to relive it; if we do not change the future, we shall be compelled to endure it." If I accomplish my purpose through this presentation, the truth of Toffler's remarks should be self-evident. Looking to the future, UW-Milwaukee's Physical Environment Committee saw a great need to execute a broadly based planning effort. It appointed a Master Plan 2000 Steering Committee made up of representatives from the community, the UW System, the State Legislature, and UW-Milwaukee faculty, staff and students.

Let's look at what the Steering Committee confronted at the outset of its investigation. During its infancy in the late 1950s and early 1960s, UW-Milwaukee quickly outgrew its physical facilities. The nucleus of the new University was formed by an elementary school, several army barracks and a half-century-old classroom building. Both the University Extension campus in Milwaukee and the State Teachers College which combined to form UW-Milwaukee were primarily teaching institutions. The campus did include two new buildings: a library, and a student union built in the early 1950s, using an enrollment base of between 2,200 and 2,500 students. In 1956, with the creation of UW-Milwaukee, the enrollment grew to over 6,000 and the new buildings quickly proved to be inadequate. The rapidly growing new university was soon bursting at the seams and desperately in need of new space. The Board of Regents, working with the University of Wisconsin administration, responded with several new buildings and the campus has made excellent use of them.

This is Lapham Hall, the first major building constructed after the creation of the University. The building is now 21 years old and is the home of the botany and zoology departments. The Engineering and Mathematical Sciences Building was built in 1971, providing much-needed laboratory space, classrooms and faculty offices for mathematics, computer science and engineering. It also houses administrative and academic computing. Enderis Hall was built in 1972 and is the home of allied health, education and social welfare. The much older Downer buildings presented a different picture altogether. On the outside, these Downer buildings look similar, but this set, the Holton, Merrill and Johnston cluster, has been thoroughly renovated. This group of older buildings illustrate what careful renovation can accomplish. For example, this is a classroom in one of the unrenovated Downer buildings, Garland Hall, looking much as it did at the turn of the century. In contrast, this is a similar classroom in the renovated Merrill Hall. Renovation has accomplished more than an improvement in appearance. To illustrate, we found that virtually none of the original Downer buildings had

drainage fields surrounding them. This is why water backed up into the Sabin Hall geology laboratories when it rained. With the addition of a drainage field and damp proofing, space that formerly was of limited use can now be used fully. Johnston Hall, for example, has a renovated basement that now includes classroom and radio production space. We are pleased to report that the renewal of the Downer buildings combines modern functionality with the beauty and charm of yesterday. We are proud of these facilities and are thankful for having them.

Much has been accomplished in the short quarter century of UW-Milwaukee's existence, and I think it only appropriate to take a moment to talk of some of the programmatic achievements at UW-Milwaukee. We are now ranked among the top 100 public universities in America in attracting external support for research. The Milwaukee campus is the home of one of the ten most highly rated architecture programs in the country, the third largest School of Nursing, and a much-lauded School of Business Administration. Our School of Allied Health is growing and maturing. Engineering and humanities, physical and natural sciences and the social sciences include many highly regarded programs. The UW-Milwaukee takes great pride in its fine arts programs. Many of you will recall that The New York Times article of a few months ago ranked UW-Milwaukee's professional actors' training program in the top five in the nation, along with the Yale Drama School and Juilliard programs.

The small campus of only 2,500 students 26 years ago has grown to over 26,000 students. These are only a few examples of our growth, but I hope they demonstrate that UW-Milwaukee is moving forward as a major metropolitan university. Nevertheless, lack of adequate research and instructional space presents serious problems which are increasing in their intensity. I am reminded of the words of Elisabeth Holmes who devoted 43 years to teaching at UW-Milwaukee. She said in her written history that UW-Milwaukee was "a school for which bricks and mortar were always in short supply." Throughout its history, UW-Milwaukee has made do with less than optimal facilities. Shortly after the university was created, a pedestrian bridge was proposed to cross busy Maryland Avenue to link the east and west ends of the campus. This past winter, 22 years later, the overpass was finally completed. Six generations of students waited patiently for a quarter of a century for a safe way to cross a busy thoroughfare in the heart of the campus. Likewise, the growing research component on the UW-Milwaukee campus has made do with gerry-rigged space for 25 years. The University has evolved without suitable facilities. This make-do method of operation is not only inefficient, but places a number of barriers in our path toward reaching UW-Milwaukee's full potential. But we do know that sound, long-range planning will help us avoid needless barriers and make-do solutions in the future.

With that background, the Master Plan 2000 Steering Committee decided to divide this complex project into smaller working groups to examine current use of buildings and space with a charge to: (1) identify existing surpluses and deficits; (2) measure the quality of existing facilities; (3) locate program changes anticipated in the next 20 years; (4) identify needed facilities; and (5) suggest modification in present buildings to meet future needs. Let's look at some of these areas briefly. First, the identification of surpluses and deficits. The most significant factor here is the pressure of numbers. There are 44 percent more students attending UW-Milwaukee than the full-time-equivalent formula indicates. The FTE approach, in fact, greatly

underestimates the actual population served at UW-Milwaukee. Just ask UW-Milwaukee's neighbors whether students come to UW-Milwaukee in FTE cars. Second, when the quality of space at UW-Milwaukee was examined, far too few facilities like this one exist on the UW-Milwaukee campus. This lecture hall was built for the modern comprehensive university that UW-Milwaukee has become, and you will note that it is being used beyond its capacity. We have inherited buildings that were constructed to house a factory, two elementary schools, a high school, a private women's college, a seminary and a teachers' college. Using a rating mechanism, the Master Plan 2000 Committee found that space was greatly deficient in availability and quality for general classroom use, instructional laboratories, research facilities, public service programs and support units. Our oldest classrooms have been in service for 82 years and suffer from worn-out and inadequate furnishings, limited ventilation, minimal audio-visual capabilities and extremely poor and distracting acoustics. Even if quick solutions could be found to improve classroom quality, there is a short-term need for 20 additional classrooms by 1984. The limited number of classrooms and the large number of evening and weekend courses cause greater utilization and stress, which in turn accelerate deterioration. Instructional laboratory space needs to be improved and expanded, and there is a critical need for appropriate research space.

Another example of make-do is the Golda Meir Library, a relatively new facility built in two stages in 1967 and 1974. The old library, Mellencamp Hall, seated 500 students when the campus population was around 6,000 students. The ratio was 12-1, or 12 students for every library seat. The ratio recommended by the American Library Association is 4-1. Fifteen years later, in the relatively new Golda Meir Library there are 1,400 library seats available to more than 26,000 students, for a ratio of 19-1. We have lost ground, and we will lose more because of growing requirements for computer access in a library environment. UW-Milwaukee has the largest completely centralized university library system in the United States. While our centralized system has accounted for considerable savings in operating costs, it would not have been achieved if the library were housed in several locations, and our students and faculty have paid for that cost efficiency with crowded conditions. Without new construction, we will not be able to sustain our centralized library. Three years ago, the UW System Library Planning Study Committee concluded that the UW-Milwaukee library must have 290,000 square feet to meet collection growth and user demands. The present space is nearly 100,000 square feet short of this requirement. Our highest priority project, therefore, is the long-planned-for phase three library addition. The footings for the 100,000 assignable-square-foot addition were constructed when phase two of the library was completed eight years ago. The need for this facility is straightforward. We are critically short of library space and the library is the heart of any university. At UW-Milwaukee, where many students commute, it is essential for students to have a place to study.

Our second priority is a science research facility. It would allow the Department of Geological and Geophysical Sciences to consolidate their operations from the seven locations in which they now operate. Some of the space released by geology would allow space to be made available to meet the current needs of the School of Business Administration. Research labs for the biological sciences would also be provided in the new science building and would further expedite research. You will remember that Lapham Hall was one



of the first facilities built for the new university; however, research laboratories were not included in its construction. The Graduate School would locate a central analytical facility within the building. By having a centralized facility, the University could then make major pieces of equipment accessible to a greater number of faculty and students from a number of disciplines.

The next priority, a general services building, would permit the consolidation and coordination of various administrative physical plant operations now located in Sandburg Hall dormitory and elsewhere on and off campus. Academic and administrative computing would be housed in the new facility, releasing critically needed space for programs in engineering and computer science. The annual rent of \$125,000 now paid by UW-Milwaukee for renting rooms in Sandburg for offices could be reallocated to meet other critical operating expenses. The 20,000 assignable square feet in Sandburg would revert to student housing.

Our next priority is a new wing for Engelmann Hall. The addition would house research facilities, instructional labs and office space for the nationally acclaimed School of Architecture and Urban Planning. The new space would facilitate faculty research into such areas as industrial application of solar energy.

The next priority the master plan recommends is an addition to the Klotsche Recreation Center. The size of this facility had to be cut back during construction because of insufficient funds. The addition would allow the university to raze the old Baker Field House which has long outlived its utility.

Next is construction of a social science building. This would provide adequate space for departments currently in crowded facilities and would release much-needed space in Bolton Hall. Besides providing the social sciences with proper space, the move from Bolton would resolve the overcrowded conditions in the School of Business Administration. The new building would also contain general classroom space which is in short supply at UW-Milwaukee.

The category of new construction includes space for programs in the School of Fine Arts. Proposed long-range developments include a large theater/auditorium complex. This kind of teaching and performing facility does not exist on the UW-Milwaukee campus. UW-Milwaukee's performing arts departments desperately need a showcase for their respective programs. Another need which occurs because of our urban location is an all-weather field for UW-Milwaukee's physical education, intramural and sports program. The only outdoor playing field on the UW-Milwaukee campus is a small field located behind Engelmann Hall. Because of its natural grass surface, it cannot be used extensively without permanent damage to the surface. Thus, students in classes requiring outdoor activities are severely limited. An artificial surface is proposed for Engelmann Field along with a separate, covered facility that could be used night or day, in any weather. UW-Milwaukee, the second-largest university in the Wisconsin System, is the only campus in the UW System without student playing fields or a stadium.

Turning to proposed renovations, the plan includes renovation and an addition to Enderis Hall which will house instructional and research laboratories, classrooms and offices for the schools of Allied Health, Education, and Social Welfare. Here again, consolidation is the key factor. The move of the School of Allied Health into Enderis from other campus locations permits the further consolidation of programs. Planning money has already been appropriated for this purpose. Our next remodeling priority is the renovation of Chapman, a Downer College building, so that it can be more fully and efficiently utilized. The remaining remodeling priorities include two more Downer College buildings, Sabin Hall and Greene Museum, the partial remodeling of Physics in Bolton, a major renovation of the north wing of Mitchell Hall, and selective remodeling of Cunningham, Engelmann and in Engineering.

In recapping what I've said, let me underscore the Master Plan 2000's conclusion that UW-Milwaukee can no longer afford make-do solutions that only present problems for the future. The Master Plan 2000 is an objective assessment of UW-Milwaukee's current and projected needs. The document clearly shows that, as UW-Milwaukee experienced its mushrooming growth, it had to put programs somewhere, and that expediency won out over long-range planning. The purpose of the Master Plan is to dramatically alter this approach. It urges over and over the consolidation of programs in shared locations that meet UW-Milwaukee's instructional, research and service requirements. Finally, it presents a logical and ordered plan for UW-Milwaukee's development over the next two decades. The growing sophistication of UW-Milwaukee's teaching and research programs requires more than faculty, staff and student determination and ingenuity to produce results. It requires adequate facilities to attract and retain talented faculty and to sustain quality academic programs. This is a common-sense and orderly approach spelled out in the Master Plan 2000.

In summary, our priority projects can be divided into two areas: immediate needs and long range. Under immediate needs, the library phase three project is a top priority, followed by the renovation of Chapman Hall--specifically the stack area, construction of a science research building and general services building to complete our immediate priorities. Long-range needs include the Engelmann addition, followed by the Klotsche addition. A new social sciences building, a fine arts theater/auditorium complex, and an all-weather playing field complete the list. I have been able to discuss only the broad parameters in the Master Plan 2000 and would be pleased to answer any questions that you may have on the plan's findings and its specific recommendations. The overriding theme of the planning document is to prepare for the future. We are pleased with what has been accomplished. UW-Milwaukee has lived up to its commitments but requires the planned facilities to complement and reinforce our growing academic stature and, thus, achieve what the Board of Regents and the people of Wisconsin expect from their University.

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- SCHEDULE OF BOARD OF REGENTS MEETINGS -

- 1983-84 -

1983

July 15

August 5

September 9

October 7

November 11

December 9

1984

January 6

February 10

March 9

April 6

May 11

June 8--Annual Meeting

12/10/82

TABLE I

1983 SUMMER SESSION FEE/TUITION SCHEDULE<sup>(1)</sup>  
 BY NUMBER OF CREDITS CARRIED  
 (EXCLUDES SEGREGATED FEES)<sup>(2)</sup>

CREDITS	DOCTORAL CLUSTER				UNIVERSITY CLUSTER				CENTER SYSTEM		LAW SCHOOL	
	RESIDENT		NON-RESIDENT		RESIDENT		NON-RESIDENT		RESIDENT	NON-RESIDENT	RESIDENT	NON-RESIDENT
	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE				
1	\$ 41	\$ 90	\$157	\$285	\$ 35	\$ 61	\$132	\$194	\$ 35	\$132	\$ 60	\$190
2	82	180	314	570	70	122	264	388	70	264	120	380
3	123	270	471	855	105	183	396	582	105	396	180	570
4	164	360	628	1,140	140	244	528	776	140	528	240	760
5	205	360	785	1,140	175	305	660	970	175	660	300	950
6	246	360	942	1,140	210	305	792	970	210	792	360	1,140
7	246	360	942	1,140	210	305	792	970	210	792	360	1,140
8	246	450	942	1,425	210	305	792	970	210	792	360	1,140
9	246	540	942	1,710	210	366	792	1,164	210	792	360	1,140
10	287	" (3)	1,099	" (3)	245	427	924	1,358	245	924	420	1,330
11	328	"	1,256	"	280	" (3)	1,056	" (3)	280	1,056	480	1,520
12	369 (4)	"	1,413 (4)	"	315 (4)	"	1,188 (4)	"	315 (4)	1,188 (4)	540 (4)	1,710 (4)

- (1) The per credit fee for summer session is equivalent to the semester per credit rate for the previous academic year except for rounding to the nearest dollar.
- (2) Segregated fee charges for summer session are established using one-half of the semester rate for the previous academic year as the guideline. The charge per credit and maximum fee are set by the individual campus with review by the Vice President and Trust Officer.
- (3) No additional charge for graduate students taking over 9 credits in Doctoral Cluster and over 10 credits in University Cluster.
- (4) Student taking over 12 credits will be assessed the per credit rate for the additional credits.

EXHIBIT C

Proposed Resolution I.3.h.(2)(Revised)

12/10/82

That, upon the recommendation of the President of the University of Wisconsin System, the following listing of major general projects (to be funded from General Obligation Bonding) and the attached System priority list be approved and the System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget:

Remodeling and Renovation of Existing Facilities

(1) UW-Madison Pharmacy Building Remodeling	\$ 1,415,200
(2) UW-Madison Goodnight Hall Remodeling	1,487,500
(3) UW-Madison Home Economics Building Remodeling	1,650,000
(4) UW-Superior Erlanson Hall Remodeling	974,000
(5) UW-Madison Hydraulics Building Remodeling Completion	988,500
(6) UW-Milwaukee Chapman Hall Remodeling	2,053,000
(7) UW-LaCrosse Wilder Hall Remodeling/Ventilation	507,300
	<u>\$ 9,075,500</u>

Library Addition and Remodeling

(1) UW-Milwaukee Library Completion/Remodeling	\$12,888,000
(2) UW-Madison Memorial Library Addition	<u>8,400,000</u>
	\$21,288,000

Health, Physical Education and Recreation

(1) UW-Stout	\$ 4,821,000
(2) UW-River Falls	3,825,000
(3) UW-LaCrosse	3,938,000
(4) UW-Stevens Point	5,285,400
(5) UW-Eau Claire	4,943,500
(6) UW-Oshkosh	2,210,000
	<u>\$25,022,900</u>

(Continued on next page)

Additional Instruction and Research Space

(1) UW-Eau Claire School of Nursing Building Addition	\$ 1,484,000
(2) UW-Madison Computer Sciences Unit III	9,967,000
(3) UW-Platteville Ottensman Hall Remodeling/Addition	3,500,000
(4) UW-Whitewater Planetarium	550,000
(5) UW-River Falls Expansion of Greenhouse Structure	329,200
	<u>\$15,830,200</u>

General Services and Circulation Facilities

(1) UW-Madison Murray Street Pedestrian Conversion (University Avenue to State Street)	\$ 270,000
(2) UW-Stout University Services Building	1,450,000
	<u>\$ 1,720,000</u>
	<u>\$72,936,600</u>

The University of Wisconsin System  
MAJOR PROJECT PRIORITY LIST  
1983-85 Biennium

<u>Priority</u>	<u>Project/University</u>		<u>Estimated Project Cost</u>
1	Pharmacy Building Remodeling	MSN	\$ 1,415,200
2	Library Completion/Remodeling	MIL	12,888,000
3	School of Nursing Building Addition	EAU	1,484,000
4	Goodnight Hall Remodeling	MSN	1,487,500
5	Home Economics Building Remodeling	MSN	1,650,000
6	Physical Education Building Remodeling/Addition	STO	4,821,000
7	Physical Education Building/Karges Hall Remodeling	RVP	3,825,000
8	Computer Sciences Unit III	MSN	9,967,000
9	Physical Education Track/Field and Mitchell Hall Addition and Remodeling	LAC	3,938,000
10	Erlanson Hall Remodeling	SUP	974,000
11	Memorial Library Addition	MSN	8,400,000
12	Hydraulics Building Remodeling Completion	MSN	988,500
13	Ottensman Hall Remodeling/Addition	PLT	3,500,000
14	Chapman Hall Remodeling	MIL	2,053,000
15	Physical Education Building Remodeling/Addition	STP	5,285,400
16	Physical Education Building Remodeling/Addition	EAU	4,943,500
17	Albee Hall Remodeling/Addition	OSH	2,210,000
18	Planetarium	WTW	550,000
19	Expansion of Present Greenhouse Structure	RVP	329,200
20	Wilder Hall Remodeling/Ventilation	LAC	507,300
21	Murray Street Pedestrian Conversion (University Avenue to State Street)	MSN	270,000
22	University Services Building	STO	1,450,000
			<u>\$ 72,936,600</u>

Resolution 2738: That, upon the recommendation of the President of the University of Wisconsin System, the attached System priority list for major general projects (to be funded from general obligation bonding) be approved, along with the attached grouping of those projects by category (which is included for reference purposes and does not alter the project ranking enumerated in the priority list), and that System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget.



The University of Wisconsin System  
MAJOR PROJECT PRIORITY LIST  
1983-85 Biennium

Priority	Project/University	Estimated Project Cost
1	Pharmacy Building Remodeling Remodeling included as 1st priority in 1983-85 capital budget	MSN 1,415,200
2	Library Completion/Remodeling includes major general projects in 1983-85 capital budget	MIL 12,888,000
3	School of Nursing Building Addition Nursing bldg addition & phys ed bldg remodeling/addition included as major general projects in 1983-85 capital budget	EAU 1,484,000
4	Goodnight Hall Remodeling included as major general project in 1983-85 capital budget	MSN 1,487,500
5	Home Economics Building Remodeling included as major general project in 1983-85 capital budget	MSN 1,650,000
6	Physical Education Building Remodeling/Addition & Univ. Service Bldg included as major general projects in 1983-85 capital budget	STO 4,821,000
7	Physical Education Building/Karges Hall Remodeling & expansion of Greenhouse included as major general projects in 1983-85 capital budget	RVP 3,825,000
8	Computer Sciences Unit III Statistics Center Unit 3 included as major general project in 1983-85 capital budget	MSN 9,967,000
9	Physical Education Track/Field and Mitchell Hall Addition and Remodeling & Wilder Hall remodeling/ventilation included as major general projects in 1983-85 capital budget	LAC 3,938,000
10	Erlanson Hall Remodeling included as major general project in 1983-85 capital budget	SUP 974,000
11	Memorial Library Addition included as major general project in 1983-85 capital budget	MSN 8,400,000
12	Hydraulics Building Remodeling Completion included as major general project in 1983-85 capital budget	MSN 988,500
13	Ottensman Hall Remodeling/Addition included as major general project in 1983-85 capital budget	PLT 3,500,000
14	Chapman Hall Remodeling	MIL 2,053,000
15	Physical Education Building Remodeling/Addition included as major general project in 1983-85 capital budget	STP 5,285,400
16	Physical Education Building Remodeling/Addition	EAU 4,943,500
17	Albee Hall Remodeling/Addition included as major general project in 1983-85 capital budget	OSH 2,210,000
18	Planetarium included as major general project in 1983-85 capital budget	WFW 550,000
19	Expansion of Present Greenhouse Structure	RVP 329,200
20	Wilder Hall Remodeling/Ventilation	LAC 587,300
21	Murray Street Pedestrian Conversion - included as major general project (University Avenue to State Street) in 1983-85 capital budget (cx-reg-Murray St.)	MSN 270,000
22	University Services Building	STO 1,450,000
		\$ 72,936,600

The University of Wisconsin System  
MAJOR GENERAL PROJECTS  
1983-85 Biennium

Remodeling and Renovation of Existing Facilities

UW-Madison Pharmacy Building Remodeling	\$ 1,415,200
UW-Madison Goodnight Hall Remodeling	1,487,500
UW-Madison Home Economics Building Remodeling	1,650,000
UW-Superior Erlanson Hall Remodeling	974,000
UW-Madison Hydraulics Building Remodeling Completion	988,500
UW-Milwaukee Chapman Hall Remodeling	2,053,000
UW-LaCrosse Wilder Hall Remodeling/Ventilation	507,300
	<u>\$ 9,075,500</u>

Library Addition and Remodeling

UW-Milwaukee Library Completion/Remodeling	\$12,888,000
UW-Madison Memorial Library Addition	8,400,000
	<u>\$21,288,000</u>

Health, Physical Education and Recreation

UW-Stout	\$ 4,821,000
UW-River Falls	3,825,000
UW-LaCrosse	3,938,000
UW-Stevens Point	5,285,400
UW-Eau Claire	4,943,500
UW-Oshkosh	2,210,000
	<u>\$25,022,900</u>

Additional Instruction and Research Space

UW-Eau Claire School of Nursing Building Addition	\$ 1,484,000
UW-Madison Computer Sciences Unit III	9,967,000
UW-Platteville Ottensman Hall Remodeling/Addition	3,500,000
UW-Whitewater Planetarium	550,000
UW-River Falls Expansion of Greenhouse Structure	329,200
	<u>\$15,830,200</u>

General Services and Circulation Facilities

UW-Madison Murray Street Pedestrian Conversion (University Avenue to State Street)	\$ 270,000
UW-Stout University Services Building	1,450,000
	<u>\$ 1,720,000</u>
	<u><u>\$72,936,600</u></u>

H. UW-STOUT

1. 1982 Four Building Showers-Drying Rooms Safing Repairs (8203-28)

a. General Work

Dell Construction Company, Inc. - Eau Claire

\$ 48,575.00

II. CONTRACT CHANGE ORDERS IN EXCESS OF \$30,000.

There are none to report this month.

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT).

A. ~~The University of Wisconsin - Madison and the Department of Natural Resources have executed an agreement which permits access to the Waterloo Wildlife Area in Jefferson County by University representatives for purposes of drilling core holes for obtaining rock samples. This access will assist student thesis research in the Department of Metallurgical and Mineral Engineering for the period July 1, 1982 through October 15, 1983.~~ (X ~~for DNR~~)

~~B. An agreement has been signed by the Vice Chancellor for Administration and Richard and Marian Kelly whereby they permit representatives of UW-Madison's Small Scale Waste Management Project to enter their property and construct an experimental at-grade septic system. The terms and conditions of this installation are contained in the permit.~~ (X) *agreement by Kelly, Richard & Marian (Darlington) non pers. item B*

C. The University of Wisconsin - Madison's lease of space at 905 University Avenue for the University's Counseling Service (approved by the Board of Regents on December 4, 1981) has been modified to incorporate lease of two additional rooms (211 and 211A) which have been leased by the Center System for its audiovisual program. UW-Madison will assume the lease of this space effective December 1, 1982, for the Division of Academic Services' Academic Advancement program. This additional space would be leased through December 31, 1983, which corresponds with the end of the lease of the Division's space on the first floor.

~~D. The steam sale agreement between UW-Eau Claire and Sacred Heart Hospital, City of Eau Claire, approved by the Board of Regents in October 1981, has been amended to include the hold-harmless clause as requested by the Board.~~ (X) *base of addl. space for Center System, non pers. item C, Ex ref - UW Center System*

~~E. The contractual agreement between the University of Wisconsin - River Falls and the School District of River Falls for the use of the Ramer Field Athletic complex on the UW-River Falls campus, for the period September 1, 1982 through August 31, 1983, has been signed and may be renewed for four additional one-year periods by written mutual consent of both parties. The School District will make payments of \$900 per football game and \$900 for spring track and field with payment to be made no later than June 1st of the contract year.~~ (X) *Steam sale agreement w/ Sacred Heart Hospital to include hold-harmless clause, non pers. item D*

~~F. The contractual agreement between the University of Wisconsin - River Falls and the School District of River Falls for the use of the Ramer Field Athletic complex on the UW-River Falls campus, for the period September 1, 1982 through August 31, 1983, has been signed and may be renewed for four additional one-year periods by written mutual consent of both parties. The School District will make payments of \$900 per football game and \$900 for spring track and field with payment to be made no later than June 1st of the contract year.~~ (X) *UW - River Falls - Bldgs & Land - Contract with River Falls School District for use of Ramer Field, non-pers. item E*

*UW - River Falls - Bldgs & Land - Contract with River Falls School District for use of Ramer Field, non-pers. item E*

- F. An agreement between Abcor, Inc., Wilmington, Massachusetts and the Board of Regents of the University of Wisconsin System for all right, title and interest in proprietary whey-to-alcohol process, including proprietary yeast strain and technical specifications and studies has been accepted November 19, 1982, by the Chancellor, UW-Madison, for the University's Department of Food Science.

(X - ref. Abcor, Inc., Wilmington, Mass.)

- G. To Be Published By UW-Press:

UW-Press agreements

<u>TITLE</u>	<u>AUTHOR</u>
"Le Sacre et le Comique dans <u>Ulysses</u> et <u>Finnegans Wake</u> de James Joyce" ✓	Beryl Schlossman
"A NATION ENSLAVED: Afro-American Slavery in Sociocultural Perspective" ✓	William Van Deburg
"International Council for Bird Preservation, US Section" ✓	(signed by) Stanley A. Temple
"The Final Years of the Trans-Saharan Slave Trade: The Rise and Fall of Dar Al-Kuti" ✓	Dennis D. Cordell
"Catalog of Early American Furniture in the Stanley and Polly Stone Collection"	Oswaldo Rodriguez Roque

SUMMARY MINUTES OF THE REGULAR MEETING  
of the  
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM  
Madison, Wisconsin  
December 10, 1982

This is a summary of major actions taken by the Board of Regents on the above date. Full minutes of the meeting will be available within one month at the main library or archives on each campus of the University of Wisconsin System and the Legislative Reference Bureau of the State Capitol.

<u>Subject Index</u>	<u>Pages</u>
Approval of November 5, 1982 regular meeting minutes	1
A. REPORT OF THE PRESIDENT OF THE BOARD	
1. Presentation of UW-Milwaukee's Year 2000 Master Plan	1
2. Adoption of resolution of the Special Regent Committee to Respond to the Request of the Joint Committee for Review of Administrative Rules	1
3. Report of the December 9 meeting of the Council of Trustees of the UW Hospital and Clinics	2
4. Report of the President of the VTAE Board	2
5. Schedule of Board of Regent meetings for fiscal year 1983-84	2 & EXHIBIT A
6. Plans for a meeting of representatives of the various boards of visitors	2
B. REPORT OF THE PRESIDENT OF THE SYSTEM	
1. Approval of non-personnel actions by administrative officers/informational items	2
2. Status of recruitment for positions of UW-Extension Chancellor and Executive Dean of the UW Centers	2
3. Presentations to the Board on University relationships with business and industry	2
4. Return September 1, 1983, to teaching and research, Dr. Joseph F. Kauffman; Authorization to recruit, Executive Vice President of the UW System	2
5. Report of the United Council of UW Student Governments	3

<u>Subject Index</u>	<u>Pages</u>
C. REPORT OF THE EDUCATION COMMITTEE	
1. Discussion of competency and proficiency programs in the UW System	3
2. Faculty sabbaticals for 1983-84	3
3. Undergraduate teaching improvement grants for 1983-84	3
4. Reappointments to the Scientific Areas Preservation Council	3
5. Five-year review of B.S. in Community Health Education, UW-La Crosse	4
6. Retirement of UW System Assistant Vice President Allen Slagle	4
D. REPORT OF THE BUSINESS AND FINANCE COMMITTEE	
1. Approval of gifts, grants and contracts	4
2. Bequest of Leland P. Brown	4
3. Summer session fee/tuition rates for 1983	4 & EXHIBIT B
4. Report of the Vice President	5
E. REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE	
1. Approval of major project concept and budget reports, UW-Eau Claire, UW-La Crosse, UW-Madison and UW-Milwaukee	5
2. Lease of space, UW-Madison	5 & 6
3. Approval of requests for advanced planning funds, UW-Milwaukee and UW-Oshkosh	6
4. Major project budget increase, UW-Eau Claire	6 & 7
5. Purchase of land, UW-Eau Claire	7
6. Approval of 1982 campus transportation plans, UW-Eau Claire and UW-Superior	7
7. Report of the Vice President	7
8. Systemwide 1983-85 capital budget program requests	8
9. 1983-85 capital budget major general projects priority list	8 & EXHIBIT C
10. 1983-85 capital budget major utility projects	8
11. 1983-85 capital budget major gift/grant/program revenue supported projects	8 & 9
12. 1983-85 capital budget advance planning projects	9
13. 1983-85 capital budget minor projects	9 & 10
14. Approval of minor projects, UW-Madison and UW-Oshkosh	10
F. UNFINISHED AND MISCELLANEOUS BUSINESS	
1. Governor's award to the System for making facilities accessible to handicapped persons	11
2. Discussion regarding scheduling of Regent meetings	11



SUMMARY MINUTES OF THE REGULAR MEETING  
of the  
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM  
Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, December 10, 1982  
8:20 a.m.

- President Beckwith presiding -

PRESENT: Regents Beckwith, Finlayson, Fish, Fitzgerald, Fox, Gerrard,  
Grover, Heckrodt, Knowles, Lawton, O'Harrow, Podlesny,  
Schilling, Veneman and Zirbel

ABSENT: Regent Jesinski

Upon motion by Regent Fish, seconded by Regent Finlayson, it was voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on November 5, 1982, be approved as mailed to the members of the Board.

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A. REPORT OF THE PRESIDENT OF THE BOARD

1. A presentation on the Year 2000 Master Plan for UW-Milwaukee was made by Chancellor Horton.
2. Reporting for the Special Regent Committee to Respond to the Request of the Joint Committee for Review of Administrative Rules, Chairman Knowles moved adoption of the following resolution. The motion was seconded by Regent Fox and carried unanimously.

Resolution 2724: That the Board adopts, as its reply to the May 1982 request of the Legislature's Joint Committee for Review of Administrative Rules (JCRAR), the recommendations of the Special Regent Committee to Respond to the Request of the JCRAR, and further that the Board authorizes the Special Committee to make final preparations of the reply and transmit it to the JCRAR.

(The report of the Special Committee is on file with the papers of this meeting.)

3. Regent Lawton, Chairman of the Council of Trustees of the UW Hospital and Clinics, summarized the Council's December 9 meeting, which focused on reports concerning diagnostic radiology and psychiatry.
4. In her report as President of the State Board of Vocational, Technical and Adult Education, Regent Zirbel emphasized the need for the state's public educational systems to cooperate in retraining of unemployed workers.
5. The schedule of Board of Regent meetings for fiscal year 1983-84 was adopted unanimously, upon motion by Regent Fox, seconded by Regent Veneman. (EXHIBIT A)
6. Responding to a request made by the UW-Milwaukee Board of Visitors, President Beckwith suggested that a meeting be convened for representatives of the various boards of visitors in the System.

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B. REPORT OF THE PRESIDENT OF THE SYSTEM

1. It was moved by Regent Knowles, seconded by Regent Heckrodt and unanimously voted that the following resolution be adopted:

Resolution 2725: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

2. President O'Neil reported on the status of recruitment for the positions of UW-Extension Chancellor and Executive Dean of the UW Centers.
3. Comments were made to the Board by President O'Neil, Chancellor Shain and Chancellor Horton regarding conferences and reports on University relationships with business and industry.
4. It was announced by President O'Neil that Executive Vice President Kauffman had decided to leave his administrative position on September 1, 1983, in order to return to teaching and research.

Adoption of Resolution 2726 was moved by Regent Veneman, seconded by Regent Finlayson and carried unanimously.

Resolution 2726: That, upon the recommendation of the President of the University of Wisconsin System, authorization be granted to recruit for the position of Executive Vice President of the University of Wisconsin System.



5. Mr. Scott Bentley, President of the United Council of UW Student Governments, spoke before the Board in opposition to the federal law requiring all male applicants for financial aid to indicate whether or not they had registered for the draft. He also expressed United Council's support of the UW Madison Teaching Assistants' Association.

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#### C. REPORT OF THE EDUCATION COMMITTEE

The Committee's report was presented by Chairman Schilling.

1. At a portion of the meeting to which all regents were invited, competency and proficiency programs were discussed, as part of the Committee's continuing review of student competencies, admission standards and remedial courses.
2. The Committee received a report on faculty sabbaticals for 1983-84. (A list of recipients is on file with the papers of this meeting.)
3. Announcement of 1983-84 undergraduate teaching improvement grants was made to the Committee. (A list of recipients is on file with the papers of this meeting.)
4. Regent Schilling moved adoption of the following resolution. The motion was seconded by Regent Lawton and unanimously voted.

Resolution 2727: That, upon the recommendation of the President of the UW System, the Board of Regents reappoints the following UW System representatives to the Scientific Areas Preservation Council for the terms indicated:

Robert Engelhard

Professor, University of Wisconsin-Stevens Point  
January 1, 1983 - December 31, 1984

Virginia Kline

Lecturer, University of Wisconsin-Madison  
January 1, 1983 - December 31, 1985

In approving these appointments, the Board of Regents wishes to express its continuing interest in, and support for, the Council's activities and to extend an expression of appreciation to the UW System representatives for the service they are providing to the Council and the state.

5. The Committee discussed the five-year review of the B.S. in Community Health Education at UW-La Crosse.
6. Chairman Schilling expressed appreciation to Dr. Allen Slagle, who was retiring from his position as Assistant Vice President in System Administration, for his long and dedicated service as Secretary of the Education Committee.

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D. REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Veneman presented the Committee's report.

1. Upon motion by Regent Veneman, seconded by Regent Fish, Resolution 2728 was adopted unanimously.

Resolution 2728: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

2. It was moved by Regent Veneman, seconded by Regent Fitzgerald and unanimously carried that the following resolution be adopted:

Resolution 2729: That the bequest of the late Leland P. Brown, Sturgeon Bay, Wisconsin, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison and the University of Wisconsin-Oshkosh.

3. Regent Veneman moved adoption of Resolution 2730. The motion was seconded by Regent Fox and voted unanimously.

Resolution 2730: That, upon recommendation of the President of the System, the 1983 Summer Session fee/tuition rates be approved, as shown in Table I of the memorandum of December 1, 1982, from the Vice President and Trust Officer. (EXHIBIT B)

4. Vice President Lorenz reported to the Committee on allocation of additional fee and tuition income and on delays in payment for service, supply and capital purchases.

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E. REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman O'Harrow reported for the Committee.

1. The following resolution was unanimously adopted, upon motion by Regent O'Harrow, seconded by Regent Fitzgerald:

Resolution 2731: That, upon the recommendation of the UW-Eau Claire, UW-La Crosse, UW-Madison, and UW-Milwaukee Chancellors and the President of the University of Wisconsin System, the following concept and budget reports be approved and authority be granted to plan, bid and construct, at a cost and from the funding sources indicated:

UW-Eau Claire

School of Nursing Building Addition Project  
(1983-85), \$1,484,000, from GPR-supported General  
Obligation Bonding

UW-LaCrosse

Cartwright Center Remodeling and Addition Project,  
\$5,275,000, from non-GPR Program Revenues

UW-Madison

Humanities Building Plaza Restoration project,  
\$1,007,000, from GPR-supported General Obligation  
Bonding - Min. Maint./Health and Safety Allocation

UW-Milwaukee

Downer Buildings Remodeling (Pearse and Garland  
Halls), \$5,670,000, from GPR-supported General  
Obligation Bonding.

2. Adoption of Resolution 2732 was moved by Regent O'Harrow, seconded by Regent Fitzgerald and carried unanimously.

Resolution 2732: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to lease the following space, at the cost indicated, from General Purpose Revenues:

1,699 square feet of basement storage space, 3,200 square feet of second floor office space and 3,417 square feet of third floor office space in a building located at 333 North Randall Avenue

The University of Wisconsin Foundation, Lessor  
337 Wisconsin Center  
702 Langdon Street  
Madison, Wisconsin

The term of the lease will be January 1, 1983 through June 30, 1983 (annual rate: \$48,059; six-month term: \$24,030)

1,699 square feet of basement space at \$2.50/square foot (\$4,248 annually; six-month term: \$2,124)

3,200 square feet of second floor office space at \$6.75/square foot (\$21,600 annually; six-month term: \$10,800)

3,417 square feet of third floor office space at \$6.50/square foot (\$22,211 annually; six-month term: \$11,106)

3. After discussion, the following resolution, moved by Regent O'Harrow and seconded by Regent Finlayson, was unanimously adopted:

Resolution 2733: That, upon the recommendation of the UW-Milwaukee and UW-Oshkosh Chancellors and the President of the University of Wisconsin System, authorization be granted to seek the release of advance planning funds for the preparation of the preliminary plans and specifications and concept and budget reports for the following projects, in the amounts and from the funding sources indicated:

UW-Milwaukee

Student Center Plaza Restoration/Enclosure Project,  
\$40,000, Non-GPR Program Revenues

UW-Oshkosh

Blackhawk Commons Restoration and Addition Project,  
\$44,000, Non-GPR Program Revenues (estimated total project cost: \$2,700,000 from Insurance Proceeds and Program Revenues)

4. It was moved by Regent O'Harrow, seconded by Regent Podlesny and voted unanimously that Resolution 2734 be adopted.

Resolution 2734: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authority be granted to increase the following project budget by the amount and from the funding source indicated:

UW-Eau Claire:

Davies Center Remodeling and Additions project, increase of \$25,000 for a revised total project cost of \$1,263,700 from Non-GPR Program Revenues.

5. Regent O'Harrow moved adoption of the following resolution. The motion was seconded by Regent Podlesny and unanimously carried.

Resolution 2735: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authorization be granted to purchase the following described parcels of land in the City of Eau Claire, at the purchase prices indicated, from Non-GPR Program Revenues:

Parcel "A":

A 0.09 acre parcel located at 221 Second Avenue at a cost of \$50,000, including \$1,000 for appraisal fees and closing costs, and \$5,000 for relocation costs.

Parcel "B":

A .09 acre parcel located at 215 Second Avenue at a cost of \$40,000, including \$1,000 for appraisal fees and closing costs, and \$5,000 for relocation costs.

6. Upon motion by Regent O'Harrow, seconded by Regent Finlayson, Resolution 2736 was adopted unanimously.

Resolution 2736: That, upon the recommendation of the UW-Eau Claire and UW-Superior Chancellors and the President of the University of Wisconsin System, the 1982 Campus Transportation Plans for the University of Wisconsin-Eau Claire and the University of Wisconsin-Superior, prepared in response to Resolution 2222 which directed each campus to base its transportation planning efforts upon Section 291 er. 36.11 (8m), Wisconsin Statutes, be adopted.

7. Vice President Winter's report to the Committee focused on the November meeting of the State Building Commission and the telephone system acquisition policy issued by the State Department of Administration.

At a portion of the meeting to which all regents were invited, six resolutions regarding the 1983-85 capital budget were approved.

8. Adoption of the following resolution was moved by Regent O'Harrow, seconded by Regent Fitzgerald, and carried, with Regent Fish voting "no."

Resolution 2737: That, upon the recommendation of the President of the University of Wisconsin System, the following Systemwide programs be approved from the funding source indicated, and the System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget:

(1) Energy Conservation	\$14,700,000	GOB/SBTF
(2) Heating Plant Coal Burning Capability	5,500,000	GOB
(3) Minimum Maintenance/Health and Safety	11,300,000	GOB/SBTF
(4) Handicapped Access Improvements	2,200,000	GOB/SBTF
(5) Capital Equipment Replacement	10,000,000	GOB
Total	\$43,700,000	

9. Resolution 2738 was modified to make clear that approval of the System priority list of major general projects was the primary intent of the motion. The resolution then was unanimously adopted, upon motion by Regent O'Harrow, seconded by Regent Finlayson.

(Resolution 2738 is attached as EXHIBIT C.)

10. It was moved by Regent O'Harrow, seconded by Regent Fitzgerald and unanimously carried that the following resolution be adopted:

Resolution 2739: That, upon the recommendation of the University of Wisconsin System President, the following Major Utility Projects at UW-Madison be approved, to be funded from General Obligation Bonding, and System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget.

(1) Electrical Distribution-Central Campus	\$ 720,000
(2) Charter Street Plant-Water Treatment System	360,000
(3) Stovall Hall Refrigeration System	448,000
	\$1,528,000

11. Regent O'Harrow moved adoption of Resolution 2740. The motion was seconded by Regent Heckrodt and voted unanimously.



Resolution 2740: That, upon the recommendation of the President of the University of Wisconsin System, the following major Gift/Grant/Program Revenue Supported Projects be approved, and the System Administration be authorized to submit them to the State Building Commission as a part of the 1983-85 capital budget:

UW-Green Bay Addition to University Commons	\$1,310,000
UW-Madison Memorial Union Food Service Remodeling (Phase II and III)	724,500
UW-Madison Music Hall Remodeling	1,000,000
UW-Madison Helen C. White Parking Ramp Repair	650,000
UW-Oshkosh Blackhawk Commons Fire Restoration and Addition	2,700,000
	<u>\$6,384,500</u>

12. Upon motion by Regent O'Harrow, seconded by Regent Finlayson, the following resolution was unanimously adopted:

Resolution 2741: That, upon the recommendation of the President of the University of Wisconsin System, the following requests for Advance Planning funds be approved and the System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget:

(1) UW-Madison Physical Plant Grounds Building	\$ 21,000
(2) UW-Madison Russell Labs Addition	58,000
(3) UW-Madison Law School Addition	66,500
(4) UW-Madison Johnson Street Pedestrian Bridge	17,500
(5) UW-Milwaukee Science Research Building	431,000
(6) UW-Platteville Physical Education Building Addition	85,000
(7) UW-Stevens Point College of Natural Resources Addition	231,000
	<u>\$910,000</u>

13. Adoption of Resolution 2742 was moved by Regent O'Harrow, seconded by Regent Finlayson and voted unanimously.

Resolution 2740: That, upon the recommendation of the President of the University of Wisconsin System, the following listing of Minor Projects, to be funded from GPR-supported State Building Trust Funds, be approved for each unit and the System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget:

(1)	UW-Eau Claire	\$ 815,500
(2)	UW-Green Bay	243,300
(3)	UW-LaCrosse	656,100
(4)	UW-Madison	3,272,700
(5)	UW-Milwaukee	1,335,000
(6)	UW-Oshkosh	310,500
(7)	UW-Parkside	242,800
(8)	UW-Platteville	470,500
(9)	UW-River Falls	445,300
(10)	UW-Stevens Point	480,700
(11)	UW-Stout	227,000
(12)	UW-Superior	637,500
(13)	UW-Whitewater	330,500
(14)	UW Center System	249,700
(15)	UW Extension	86,000
		<u>\$9,803,500</u>

14. It was moved by Regent O'Harrow, seconded by Regent Fitzgerald and unanimously carried that the following resolution be adopted:

Resolution 2743: That, upon the recommendation of the UW-Madison and Oshkosh Chancellors and the President of the University of Wisconsin System, the following minor projects be approved, at the cost and from the funding sources indicated:

UW-Madison

Camp Randall Stadium Repairs (initial test section),  
\$25,000, Min. Maint./Health and Safety Alloc. - Gen.  
Fund Supported Borrowing

Memorial Union Fire Safety Improvements, \$140,000,  
Non-GPR Program Revenues

Veterinary Science Building Heat Recovery Loop,  
\$52,700 - Capital Improvement Fund Earnings - Energy  
Conservation Allocation.

UW-Oshkosh

Albee Hall Gymnasium Floor Replacement Project,  
\$100,000 - Non-GPR Insurance Proceeds

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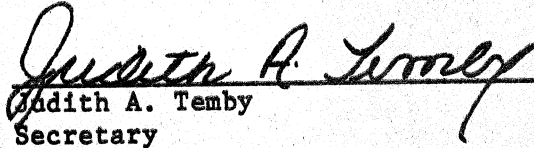


F. UNFINISHED AND MISCELLANEOUS BUSINESS

1. President O'Neil presented to Assistant Vice President Bert Anderson an award given to the UW System by the Governor for making facilities accessible to handicapped persons. It was noted that Mr. Anderson, his staff and colleagues at each institution had been instrumental in these accomplishments.
2. The scheduling of Regent meetings was discussed, with reference made to the desirability continuing to plan facility tours and special presentations. It was agreed that meetings could begin earlier than usual when necessary to accommodate these arrangements or other agenda items.

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There was no closed session of the Board, and the meeting was adjourned at 11:05 a.m.

  
Judith A. Temby  
Secretary

December 20, 1982

- SCHEDULE OF BOARD OF REGENTS MEETINGS -

- 1983-84 -

1983

July 15

August 5

September 9

October 7

November 11

December 9

1984

January 6

February 10

March 9

April 6

May 11

June 8--Annual Meeting

TABLE I

1983 SUMMER SESSION FEE/TUITION SCHEDULE<sup>(1)</sup>  
 BY NUMBER OF CREDITS CARRIED  
 (EXCLUDES SEGREGATED FEES)<sup>(2)</sup>

CREDITS	DOCTORAL CLUSTER				UNIVERSITY CLUSTER				CENTER SYSTEM		LAW SCHOOL	
	RESIDENT		NON-RESIDENT		RESIDENT		NON-RESIDENT		RESIDENT	NON-RESIDENT	RESIDENT	NON-RESIDENT
	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE	UNDER-GRADUATE	GRADU-ATE				
1	\$ 41	\$ 90	\$157	\$285	\$ 35	\$ 61	\$132	\$194	\$ 35	\$132	\$ 60	\$190
2	82	180	314	570	70	122	264	388	70	264	120	380
3	123	270	471	855	105	183	396	582	105	396	180	570
4	164	360	628	1,140	140	244	528	776	140	528	240	760
5	205	360	785	1,140	175	305	660	970	175	660	300	950
6	246	360	942	1,140	210	305	792	970	210	792	360	1,140
7	246	360	942	1,140	210	305	792	970	210	792	360	1,140
8	246	450	942	1,425	210	305	792	970	210	792	360	1,140
9	246	540	942	1,710	210	366	792	1,164	210	792	360	1,140
10	287	" (3)	1,099	" (3)	245	427	924	1,358	245	924	420	1,330
11	328	"	1,256	"	280	" (3)	1,056	" (3)	280	1,056	480	1,520
12	369 (4)	"	1,413 (4)	"	315 (4)	"	1,188 (4)	"	315 (4)	1,188 (4)	540 (4)	1,710 (4)

- (1) The per credit fee for summer session is equivalent to the semester per credit rate for the previous academic year except for rounding to the nearest dollar.
- (2) Segregated fee charges for summer session are established using one-half of the semester rate for the previous academic year as the guideline. The charge per credit and maximum fee are set by the individual campus with review by the Vice President and Trust Officer.
- (3) No additional charge for graduate students taking over 9 credits in Doctoral Cluster and over 10 credits in University Cluster.
- (4) Student taking over 12 credits will be assessed the per credit rate for the additional credits.

Resolution 2738: That, upon the recommendation of the President of the University of Wisconsin System, the attached System priority list for major general projects (to be funded from general obligation bonding) be approved, along with the attached grouping of those projects by category (which is included for reference purposes and does not alter the project ranking enumerated in the priority list), and that System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1983-85 capital budget.

The University of Wisconsin System  
MAJOR PROJECT PRIORITY LIST  
1983-85 Biennium

<u>Priority</u>	<u>Project/University</u>		<u>Estimated Project Cost</u>
1	Pharmacy Building Remodeling	MSN	\$ 1,415,200
2	Library Completion/Remodeling	MIL	12,888,000
3	School of Nursing Building Addition	EAU	1,484,000
4	Goodnight Hall Remodeling	MSN	1,487,500
5	Home Economics Building Remodeling	MSN	1,650,000
6	Physical Education Building Remodeling/Addition	STO	4,821,000
7	Physical Education Building/Karges Hall Remodeling	RVP	3,825,000
8	Computer Sciences Unit III	MSN	9,967,000
9	Physical Education Track/Field and Mitchell Hall Addition and Remodeling	LAC	3,938,000
10	Erlanson Hall Remodeling	SUP	974,000
11	Memorial Library Addition	MSN	8,400,000
12	Hydraulics Building Remodeling Completion	MSN	988,500
13	Ottensman Hall Remodeling/Addition	PLT	3,500,000
14	Chapman Hall Remodeling	MIL	2,053,000
15	Physical Education Building Remodeling/Addition	STP	5,285,400
16	Physical Education Building Remodeling/Addition	EAU	4,943,500
17	Albee Hall Remodeling/Addition	OSH	2,210,000
18	Planetarium	WTW	550,000
19	Expansion of Present Greenhouse Structure	RVP	329,200
20	Wilder Hall Remodeling/Ventilation	LAC	507,300
21	Murray Street Pedestrian Conversion (University Avenue to State Street)	MSN	270,000
22	University Services Building	STO	1,450,000
			<u>\$ 72,936,600</u>



The University of Wisconsin System  
MAJOR GENERAL PROJECTS  
1983-85 Biennium

Remodeling and Renovation of Existing Facilities

UW-Madison Pharmacy Building Remodeling	\$ 1,415,200
UW-Madison Goodnight Hall Remodeling	1,487,500
UW-Madison Home Economics Building Remodeling	1,650,000
UW-Superior Erlanson Hall Remodeling	974,000
UW-Madison Hydraulics Building Remodeling Completion	988,500
UW-Milwaukee Chapman Hall Remodeling	2,053,000
UW-LaCrosse Wilder Hall Remodeling/Ventilation	507,300
	<u>\$ 9,075,500</u>

Library Addition and Remodeling

UW-Milwaukee Library Completion/Remodeling	\$12,888,000
UW-Madison Memorial Library Addition	8,400,000
	<u>\$21,288,000</u>

Health, Physical Education and Recreation

UW-Stout	\$ 4,821,000
UW-River Falls	3,825,000
UW-LaCrosse	3,938,000
UW-Stevens Point	5,285,400
UW-Eau Claire	4,943,500
UW-Oshkosh	2,210,000
	<u>\$25,022,900</u>

Additional Instruction and Research Space

UW-Eau Claire School of Nursing Building Addition	\$ 1,484,000
UW-Madison Computer Sciences Unit III	9,967,000
UW-Platteville Ottensman Hall Remodeling/Addition	3,500,000
UW-Whitewater Planetarium	550,000
UW-River Falls Expansion of Greenhouse Structure	329,200
	<u>\$15,830,200</u>

General Services and Circulation Facilities

UW-Madison Murray Street Pedestrian Conversion (University Avenue to State Street)	\$ 270,000
UW-Stout University Services Building	1,450,000
	<u>\$ 1,720,000</u>
	<u>\$72,936,600</u>