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

Madison, Wisconsin

December 9, 1988

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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 9, 1988
9:00 a.m.

- President Schilling presiding -

PRESENT: Regents Clusen, Davis, DeLong, Doughty Luckhardt, Fish, Flores,
Gerrard, Grover, Gundersen, Hanson, Lyon, Nicholas, Nikolay,
Schilling, Vattendahl and Weinstein

ABSENT: Regent Jarvis

Approval of Minutes

After concurrence on the following amendments, minutes of the regular meeting held on November 11, 1988, were unanimously approved as mailed, upon motion by Regent Fish, seconded by Regent Hanson:

On page 29 of the full minutes, under the heading of Approval of 1989-91 Faculty and Academic Staff Compensation Plan, beginning with the fifth line:

Resolution 5100 was ~~unanimously~~ approved in committee.

Adoption by the Board of Regents of the following resolution was moved by Regent Schilling, seconded by Regent Nikolay and carried, with Regents DeLong and Doughty Luckhardt voting "No."

On page 11 of the summary minutes, item number 2., beginning with the second line:

5100 which was adopted, with Regents DeLong and Doughty Luckhardt voting "No."

REPORT OF THE PRESIDENT OF THE BOARD

VTAE

Report by the President of the Vocational, Technical and Adult Education Board

VTAE Board p. 2

President Schilling noted that Regent DeLong, President of the State VTAE Board, provided a written report which had been distributed to all regents.

Hospital - Council of Trustees - Report on upcoming long range planning committee, p. 2

Report on the UW Hospital and Clinics Council of Trustees

Regent Weinstein, Vice Chairman of the Council of Trustees, reported that a long-range planning committee for the hospital and clinics would soon be appointed by the chairman, in consultation with the UW-Madison chancellor. He commended Chairman Flores for his involvement in that major initiative.

Regent - Minutes - Appendix

1989-91 Board of Regents Meeting Schedule

R 5109, pp 2-3 X EX A

President Schilling presented a proposed meeting schedule for 1989-91, which had been drafted for a two-year period to show how additional meetings outside of Madison would be included. The dates listed in the schedule were in accordance with the provision in the Board of Regents Bylaws, which provided that the meetings of the board will be held on the first Friday following the first Monday of the month, unless otherwise specifically ordered.

While there was no direct conflict with major holidays in the proposed list, President Schilling noted that there might be interest in changing the July 1990 meeting at UW-Superior, which would fall on July 5 and 6, to July 12 and 13.

The following resolution was moved by Regent Nikolay and seconded by Regent Gundersen:

Resolution 5109: That the 1989-91 Board of Regents meeting schedule, dated December 9, 1988, be approved.

Regent Weinstein moved to amend the resolution by changing the 1990 meeting at UW-Superior from July 5 and 6 to July 12 and 13. The motion was seconded by Regent Grover.

Regent Gerrard spoke in opposition to the amendment on the basis that it would be helpful to the economy of the area if those attending the meeting were to spend the July 4 holiday in Superior.

Regent Weinstein noted the tradition of spending the holiday with families.

The question was put on the amendment, and it was adopted on a voice vote.

Put to the vote, the resolution, with the schedule as amended (EXHIBIT A), was unanimously adopted.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Information Items

It was moved by Regent Clusen, seconded by Regent Nikolay and carried unanimously that the following resolution be adopted by the Board of Regents:

Resolution 5110: That the report of nonpersonnel 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.

Teachers

Presentation on Pre-Student Teaching Programs, pp 3-6

Introducing the presentation, President Shaw reported that earlier in the week, the UW System had sponsored a conference on how best to prepare teachers for the twenty-first century. The conference, held at Wingspread, was the first major event of the Strategic Planning in Education effort. The keynote speaker was Ernest L. Boyer, President of the Carnegie Foundation for the Advancement of Teaching. Others who presented papers included Patricia Graham, Dean of the Harvard Graduate School of Education, and Eugene Eubanks, President of the American Association of Colleges for Teacher Education. Participants considered the conference a stimulating and a challenging event.

For this meeting of the Board of Regents, the deans of the UW System schools and colleges of education had prepared a special presentation on pre-student teaching experiences for teacher education students.

Introducing Dean Larry Albertson of UW-River Falls to make the presentation, the president also recognized and thanked Dean Robert Benton, UW-Oshkosh, who served as chair of the education deans this year.

Dean Albertson indicated that professional teacher preparation programs consist of three areas of concentration: a background of basic education courses; preparation in the specific academic content to be taught; and professional preparation.

One segment of the professional preparation program consisted of pre-student teaching field experiences. These field experiences provided a coordinated sequence of learning in which students applied classroom content in elementary and secondary schools. Public school teachers and

administrators worked as colleagues with university faculty in planning field experiences which provided mutual benefits for university faculty, students, public school teachers, administrators and children in the classroom.

Dean Albertson then presented a videotape which included the following content:

One common aspect in all UW System teacher education programs was a commitment to student teaching field experiences for pre-service teachers. Several of these programs had received recognition from leaders in the area of field-based education.

While there were differences among campuses in exactly how field experiences were organized and implemented, there were certain common elements, including placement of students in exemplary educational settings for a substantial portion of their professional preparation experience; university classroom instruction coordinated with in-school experiences in which students applied what they were learning; field experiences sequenced to allow students progressively to assume more professional responsibility in instructional situations; and university and public school personnel cooperatively planning, organizing, implementing and evaluating these experiences.

The benefits of collaborative teacher preparation through field experiences included: tutorial assistance for teachers by university students; individual and small group personalized instruction for children; public school interaction in classrooms for university professors; and university and public school participation in the planning and improvement of teacher education.

Reacting to the pre-student teaching program, one school principal commented that student teachers benefited from experience in day-to-day workings of a classroom, which they learned with the support and assistance of a seasoned teacher. Here, the student teacher could for the first time make practical application of teaching skills learned in the university program. In addition, the program brought to the school new thinking and vitality, often sparking enthusiasm for fresh ideas, new curriculum materials and perhaps a different approach or methodology. Extra help was provided in the classroom by student teachers in tutoring individuals and small groups, preparing bulletin boards or teaching a series of lessons.

Children enjoyed the youth and enthusiasm brought by university students. Sometimes these student teachers were able to renew an individual child's interest in a learning area or use a new technique that caused additional motivation. At other times, they might serve as a special role model for a child.

In conclusion, she stated that the university and the public schools were true partners in the early field experiences of university students to the benefit of all.

It was explained by the narrator that one significant aspect that made the UW System field-based education programs successful was the careful sequencing of developmentally appropriate experiences for pre-service teachers. In field-based experiences, knowledge and skills were learned and practiced in appropriate developmental sequences and then combined into more complex teaching processes.

Field-based students usually would begin with observation and one-on-one activities, such as observing a teaching lesson with young children, interacting with children and observing their language, helping students with assignments, and observing students doing assignments. They then would proceed to working with groups and practicing individual skills, such as encouraging children to talk about experiences related to their assignments and learning to handle children in small groups. During this time, they would begin developing instructional materials and implementing their plans using the appropriate strategy to accomplish objectives. Eventually, field experience students would assume responsibility for full classrooms where they must integrate all of their skills and abilities to guide instruction.

During all of these experiences, both classroom teachers and university personnel would observe, evaluate and provide feedback to the students regarding their performance. Triads, consisting of the university student, the university professor, and public school teacher, would meet regularly to assess progress and plan future experiences for the pre-service teacher. During these field experiences, students would be placed in a variety of settings to experience diversity in classroom environments, teaching styles, age levels, management techniques, subject content areas, and multicultural diversity.

The video concluded with the reactions of three students to the field experience: The first student commented that being in the classroom early in the education program enabled students to find out if they really wanted to teach. It also enabled students to observe master teachers and to see first hand what is effective in working with children. While the second student had initial difficulties because of involvement with problem students, he came to view the situation as a challenging and rewarding experience. The third student remarked that pre-student teaching gave her time to evaluate why she wanted to be a teacher. It also provided an opportunity to test ideas, in order to determine their effectiveness in the actual classroom setting.

Regent Clusen asked how these programs differed from the traditional student teaching experience.

In reply, Dean Albertson explained that pre-student teaching generally began with the student's first class in education and related directly to what was being taught in that class. Students advanced along a continuum whereby they assumed increasing levels of responsibility in the classroom.

Regent Clusen observed that it was helpful for students to have these experiences before the junior or senior year.

Regent Gundersen commented that materials offered at the Wingspread conference were useful for thinking into the future, including information on demographics and technology. In making expenditures on telecommunications technology, he hoped the strategy would be to tie equipment into what the environment would look like in ten to twenty years, so that the technology would not be found incompatible with future trends.

Regent Hanson asked if pre-student teaching programs were in effect at all UW System institutions, and Dean Albertson replied in the affirmative, adding that there were some differences in exactly how they were implemented.

Regent Grover explained that the programs were part of a Department of Public Instruction administrative rule reform requiring a hundred hours of pre-student teaching experience in all 31 teacher training institutions, plus the practice teaching experience. The intent was to give students actual classroom experience early in their educational programs to help them decide whether they wanted to be teachers.

Regent Clusen commended those who had implemented these programs so quickly.

Regent Nikolay asked if student teachers were paid by the school district.

Dean Albertson replied in the negative, adding that there were, however, rare instances in which a teacher, through emergency certification, might have been hired and would receive on-the-job student teacher training.

President Schilling thanked Dean Albertson for the interesting presentation.

UW Stevens Point Staff - *p. 6*
Introduction of Dean of Natural Resources, UW-Stevens Point

President Shaw introduced and welcomed Alan Haney, who had been appointed Dean of Natural Resources at UW-Stevens Point.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Nicholas presented the committee's report.

Approval of Gifts, Grants and U.S. Government Contracts

Vice President Poellnitz reported to the committee that gifts, grants and contracts for the five-month period ending November 18, 1988, totaled \$191 million, or \$21.5 million more than the same period last year. A \$16.3 million increase in student aid, a \$4.9 million increase in research, and a \$2.3 million increase in extension were partially offset by a \$2.9 million decrease in instruction. Of the \$21.5 million total increase, federal funds accounted for \$16.5 million, primarily in student aid.

The non-federal share increased by \$5 million, with a \$2.1 million increase in extension and a \$2 million increase in research being the most significant changes.

Financial Aid - Reporting of Data, p. 7

In response to a question by Regent Fish as to when data would become comparable in reporting financial aid, it was indicated that the institutions began consistent reporting of federal student financial aid in September 1988 and that comparable data would be available in 1989-90.

The committee unanimously approved Resolution 5111.

It was moved by Regent Nicholas, seconded by Regent Fish and carried unanimously that the following resolution be adopted by the Board of Regents.

Resolution 5111: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at 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.

Requests

Request of John Edmond Kierzkowski, R 5112, pp 7-8

Adoption by the Board of Regents of Resolution 5112, which was unanimously approved by the committee, was moved by Regent Nicholas and seconded by Regent Davis:

Kierzkowski, John Edmond - Acceptance of Request, R 5112, pp 7-8

Resolution 5112: That, the distribution of the one-quarter interest in the John Edmond Kierzkowski Trust be accepted from the Trustee for the benefit of the University of Wisconsin-Madison; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer.

(The trust provided that one of four equal shares go "to the University of Wisconsin, at Madison, Wisconsin, from which Trustor graduated in 1928".)

(\$71,840.68 was received from the Trustee, a nephew, who advised that his late uncle had previously indicated in a will that he preferred that the funds be used to acquire books and periodicals for the UW-Madison Chemistry Library. John Edmond Kierzkowski received a B.S. degree in Chemistry on June 18, 1928.)

Regent Flores pointed out that the gift was not specifically conditioned upon use for books and periodicals, although that was the preference of the giver. He asked if adoption of the resolution would determine that the gift would be used for that purpose or if the board's action would simply forward the preference for ultimate decision by the chancellor.

General Counsel Stathas replied that, while the resolution noted the giver's preference, the decision would be made by the chancellor. This was true for all gifts which were not conditioned on use for a specific purpose. Generally, however, preferences of the giver were honored, and in this case books and periodicals were a pressing need.

Put to the vote, Resolution 5112 was unanimously adopted.

Business of the Meeting

Report of the Task Force on Competition with the Private Sector, pp 8-10

Regent Nikolay reported that the committee was advised that the UW System's policy on competition with the private sector would set the tone for the entire nation. President Shaw commended the efforts of the Task Force, calling their report an exceptional document which would bring Wisconsin to the forefront of this national issue.

Three members of the task force then gave their views on the final report. Mr. James Freer, Deputy Assistant Chancellor for Administration at UW-Stout, introduced the report, citing the Board of Regents' resolution of February 1988, which appointed the 14-member task force. The report represented a consensus agreement on the issues by the six private sector and eight UW System members. Mr. Freer highlighted three major aspects of the report: (1) the formation of a competition review committee at each university; (2) the criteria for evaluating new and existing competitive activities; and (3) the pricing principles to be used if the activity is deemed appropriate. He also emphasized that the tone of the report was that of sensitivity to the effect of university activities on the private sector.

Dr. Thomas Ansfield, of Associated Physicians in Madison, described the report as a balanced document. He noted the primary role of the university as one of education and indicated the concerns of the private sector that the university was competing with unfair advantage. From his perspective, the report identified the issues and provided a starting point for the university and the private sector to work out specific problems. He pointed out the need to go beyond sensitivity and move toward cooperation. Issues not adequately answered by the report would become apparent through the process and would need to be revisited.

Professor Burton Weisbrod, of the UW-Madison Economics Department, warned that the problem would not disappear but would remain a dilemma for the university and the private sector, as well as for the entire nonprofit sector. The key elements to be determined were the kinds of activities in which the university should engage and how those activities should be priced. The solution proposed was procedural in nature: a university committee would be established to hear the facts and make a judgment. That judgment would be forwarded to the chancellor for ultimate decision. The chancellor's decision would be appealable. The task force felt the issues were too complex to arrive at a single rule to apply in all situations.

Regent Fish and Regent Nicholas asked about the make-up of the university competition review committees and were assured that the committees would be balanced and include adequate representation from the private sector.

Regent Schilling expressed concern that the question of sensitivity would be addressed only if an activity were not mission-related. He was assured that all activities, regardless of their relationship to mission, were to be considered with sensitivity to the private sector and subject to possible review by the competition review committee.

Regents expressed appreciation to the task force members for their efforts and praised the quality of the report, acknowledging that issues might need to be revisited in the future if the recommendations did not satisfactorily answer the concerns of the university and the private sector.

In discussion at the Board of Regents meeting, Regent Weinstein commented that the task force report was a thoughtful attempt to deal with a very complicated problem. He cautioned, however, that almost any activity could be justified as mission-related if the concept were stretched far enough. The main point should be sensitivity to the private sector. He also cautioned that the review process would not be effective unless the committees were very strong and were regarded as sensitive by the private sector.

Regent Schilling noted that he had expressed a similar concern at the committee meeting and was reassured that the intent was for sensitivity to be a criteria in all cases. Associate Vice President Marnocha had advised him that it was his understanding that the review committees would not simply respond to complaints but could be convened by the chairman or the chancellor to consider an initiative before it was undertaken, in the context of the criteria and sensitivity.

Regent Davis asked to whom the chancellor's decision would be appealable.

Regent Fish replied that it would be appealable to the Board of Regents and that authority could be delegated by the board to any committee the president would choose. He added that the report was unanimously approved by the task force and that it was supported by the private sector members.

Regent Schilling noted that the report recommended a formal review of the success of this approach in no more than three years. If there were serious problems, the Board of Regents would hear about them before that time.

In response to a question by Regent Flores, President Shaw indicated that the report was presented at this meeting for preliminary review and comment. In February, he planned to bring recommendations to the Board of Regents. Stating that he was very pleased with the report, he identified as a strength the setting of criteria for examining issues without attempting to determine how to handle each circumstance. This recognized the possibility that problems might not be the same in different parts of the state and in different communities. Secondly, it offered a way of dealing with pricing issues, which he considered a key element; and third, it provided a process for resolution of problems.

As to remaining questions, he noted the matter of the appeal process and the matter of the chancellor choosing whether or not to take an issue to the committee.

Given the importance on the national level of the issue of competition with the private sector, he commented that he did not agree with much of the legislation that had been submitted and that he viewed higher education's response nationally to this issue to have been insensitive and self-serving. As an effort by the universities and by the private sector to work together, he considered the task force report to be an exceptional document, one that people across the nation would look to as they tried to resolve this problem.

Regent Weinstein pointed out that one additional question concerned the jurisdictional matter of involving the Council of Trustees in issues related to the UW Hospital and Clinics.

Commending the task force for an excellent report, Regent Nicholas stated appreciation of its combination of firmness and flexibility on a very complex subject.

Regent President Schilling observed that the task force, called for in February 1988, submitted a remarkable report in December. Such rapid attention to a very difficult problem was to be commended and appreciated.

Regent Nikolay asked why a regent had not been appointed to the task force.

In reply, President Shaw indicated one reason was that the task force recommendations were to come to the Board of Regents for deliberation. Secondly, there was concern about overextending members of the board, given the already heavy time commitment, particularly in a year when the budget was being formulated.

Athletics
Report on UW-Madison Athletic Funding, pp 10-13

Summarizing committee discussion of the matter, Regent Nicholas indicated that personnel from UW-Madison, UW System Administration and the Legislative Audit Bureau were gathering information to complete a report on intercollegiate athletics throughout the UW System. Because data collection was ongoing, Vice President Poellnitz cautioned against drawing conclusions at this time. The LAB report was to be completed in January and would include comparisons with other Big Ten institutions, a number of which also were experiencing deficits.

Need Budget - (over)
Chancellor Shalala stated that the non-income sports, currently financially dependent upon football, are integral to the university and provide an important part of the educational process of students. She stressed the importance of preserving these sports and maintaining their competitive status.

The chancellor identified the major causes of the athletic department's deficit to be declining attendance at football games since 1985 and the decision to build an indoor practice facility to make the football program more competitive. To help alleviate the financial problem, close to \$1 million in cuts had been made. A balanced budget would be essential for

1989-90, at which time work would begin to reduce the accumulated deficit. These fiscal changes, combined with management changes, would move intercollegiate athletics toward a more sound financial position. Chancellor Shalala emphasized that UW-Madison had no official position on the imposition of a segregated fee. She said that students would have to discuss the fee possibility and that a decision was not needed until February.

In the lengthy discussion which followed, Regent Fish confirmed that there was no intent to reduce or eliminate any of the non-income sports. He expressed concern over football carrying financial responsibility for all non-income sports and pointed out that football was generating a profit, although not as much profit as desired. He also stated his opposition to a segregated fee and his support for requesting GPR funding for the non-income sports.

Regents supported the chancellor's commitment to excellence in athletics as well as academics. They were concerned over the accumulated deficit and the reductions in expenditures. Regent Lyon indicated he would support a student fee but feared further controls if GPR support were requested. Regent Nicholas also was opposed to requesting GPR at this time as it might send a message to the Athletic Department that they did not have to produce results. Regent Vattendahl thought that GPR should be requested for the non-income sports and Title IX compliance, since they were part of the educational program.

Representatives from the Wisconsin Student Association, the Segregated University Fee Allocation Committee, and United Council spoke in favor of maintaining the non-income sports but against the implementation of a student segregated fee. Yasmin Farooq, a student representative on the Athletic Board, spoke in favor of the segregated fee to support non-income sports.

Regent Nicholas concluded the presentation by reiterating the commitment of the UW System to excellence in athletics as well as in academics and the desire to maintain all of the athletic programs, but always maintaining the academic program first.

In discussion at the Board of Regents meeting, Regent Weinstein asked when the board would take action on this matter.

President Schilling replied that any additional segregated fee would have to be approved at the June meeting but that final recommendations on the athletic funding matter would come to the Board of Regents before that time.

President Shaw added that each month provided a clearer picture of current revenues and revenue projections. By the end of January, there would be an LAB report which would be of some help in terms of policy issues. With regard to the fee issue, students would have had the opportunity to review the question by February. In late winter and early spring, they would have extended conversations with the chancellor and her staff regarding all segregated fee matters, and by late April or early May, it would be known if there were issues not supported by all parties. At

that point, the protocol permitting the president's involvement as a mediator would come into play. Any issues not resolved would come to the Board of Regents in June. With that time frame, the regents would know most of the issues by late April.

Regent Weinstein then asked that the following information be provided before the board was asked to make decisions:

- First, the specific recommendations of the 1985 Legislative Audit Bureau report, and what actions were taken to address those recommendations;
- Second, the policy that permitted buildings such as the McClain facility, to be built before being fully funded, so that the Board of Regents could review the implications of that policy;
- Third, a concise income/expense statement for each of the sports, including allocations to each, for supportive services and any other categories not separated by sport on the current statement;
- Fourth, a comparison of segregated fees at UW-Madison with segregated fees charged elsewhere in the UW System--by category, rather than in total;
- Fifth, information as to what was being done, not only in terms of solving the financial problem, but in terms of marketing studies focused on the attendance problem.

Regent Fish requested evaluation and comparison with other Big Ten schools on the financial relationship between revenue-producing sports and non-income sports. He did not believe other athletic endeavors should be held hostage to revenue from football, hockey and basketball.

President Schilling directed that these information requests be noted in the minutes and that they also be confirmed in a separate memorandum.

Regent Gerrard commented that the athletic program was important, not only to the university and the students, but also to the entire state. Noting that the Governor's budget would be formulated before the end of this month, he considered it a mistake not to ask for GPR funding which he felt was the only way to solve the problem. While he was not suggesting that the entire deficit be funded with GPR dollars, he thought that funding source must be made part of the solution.

Noting that regents would have differing views as to the propriety of using GPR for sports, Regent Schilling commented that to consider a special GPR request for this budget would cause a dilemma, since the biennial request already had been submitted. To advance a new request now would raise questions about the board's overall priorities, which were salary catch-up and a list of other matters. As supportive as he was of sports, he felt a request for athletic funding would be far down the priority list.

Regent Nicholas thought it would be premature to consider such a request. However, the deficit was substantial and it was appropriate to begin thinking about what should be done to reduce it. Secondly, he thought it important to consider the matter of revenue enhancement. While undue pressure should not be put on coaches, he felt they should be expected to produce competitive teams. This would bring in much more revenue, not only by filling seats, but from bowl games, hockey and basketball tournaments, as well as the donations generated by a winning atmosphere. As in any business, he thought both revenues and expenses needed to be considered.

With respect to the immediacy of the situation, Regent Nikolay asked to whom money was owed and how urgently they were trying to collect it.

Replying that there was no imminent crisis, President Schilling said that, while there was no failure to meet obligations, there was a severe deficit problem that had to be addressed.

While there were no large creditors, Chancellor Shalala added that the budget for 1989-90 must be balanced in order to handle the cash flow. Further, it would be necessary to start reducing the accumulated deficit. The \$1 million in budget cuts already made would have an impact in beginning to reduce obligations.

Report of the Vice President for Business and Finance

Vice President Poellnitz reported to the Business and Finance Committee that the systemwide reserve for revenue shortfall and other contingencies was \$1,391,000.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

UW-River Falls, Approval of Design Report for 1987-89 Hagestad Student Center Addition and Remodeling Project

R 5113, p. 13

The committee unanimously approved the design report for the Hagestad Student Center addition and remodeling project at UW-River Falls. This project involved remodeling approximately 30,767 gross square feet of space and construction of 7,792 gross square feet of new space.

Regent Nikolay moved and Regent Doughty Luckhardt seconded the following resolution which was adopted unanimously by the Board of Regents:

Resolution 5113: That, upon the recommendation of the UW-River Falls Chancellor and the President of the University of Wisconsin System, the Design Report, including a reduction in scope, be approved for the Hagestad Student Center Addition and Remodeling project and authority granted to prepare final plans, bid and construct, at a total cost of \$2,810,000 from the following funding sources:

Program Revenue Supported Borrowing	\$2,423,000
Program Revenues	387,000
Total	\$2,810,000

Body + Card

UW-Stevens Point Approval of Design Report for 1987-89 Physical Education, Health Promotion and Human Development Facilities Remodeling and Addition Project, R 5114, p. 14

Regent Nikolay reported unanimous committee approval of the design report for the Physical Education building remodeling and addition project at UW-Stevens Point, which involved construction of a 95,500 gross-square-foot addition to the west side of the existing building. Remodeling of 16,613 gross square feet of space would occur in the existing Berg/Quandt Gymnasium area, and an additional exitway from the Quandt Gymnasium had been added to the project.

Resolution 5114 was adopted unanimously by the Board of Regents, upon motion by Regent Nikolay and seconded by Regent Gundersen.

Resolution 5114: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the Design Report be approved for the Physical Education, Health Promotion and Human Development Facilities Remodeling and Addition project, including a budget increase of \$43,000 from \$6,820,000 to \$6,863,000, and authority granted to prepare final plans, bid and construct at a revised total budget of \$6,863,000, from the following funding sources:

General Fund Supported Borrowing	\$5,760,000
Program Revenue Supported Borrowing	1,060,000
Statewide Health, Safety and Environment	<u>43,000</u>
Total	\$6,863,000

Roof Problems - 2

UW System Approval of GPR and PR Funded Roof Repair/Replacement Projects at

The committee unanimously approved Resolution 5115, authorizing a series of roof repair and replacement projects at ten locations in the system. The request involved ten GPR-funded projects and seven PR-Funded projects.

Upon motion by Regent Nikolay, seconded by Regent Doughty Luckhardt, Resolution 5115 was unanimously adopted by the Board of Regents.

Resolution 5115: ~~That, upon the recommendation of the UW-Eau Claire, Green Bay, Madison, Milwaukee, Oshkosh, Platteville, River Falls, Stevens Point, Stout and Whitewater, Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following roof repair/replacement projects at a total estimated cost and from the funding sources as follow:~~ *R 5115 PP14-16*

General Fund Supported Borrowing	
- Maintenance Program	\$1,268,450
Program Revenues	<u>883,100</u>
	\$2,151,550

UW-Eau Claire - Bldg & Land - Approval of

→ McIntyre Library Addition Roof Replacement, ~~\$122,700~~, Maintenance Program Funds

→ McPhee Physical Education Building - North Section Roof Replacement, ~~\$130,500~~, Maintenance Program Funds *end*

→ School of Nursing Building Roof Repair/Replacement, ~~\$45,200~~, Maintenance Program Funds, R 5115, pp 14-16

UW-Green Bay - Bldg & Land - Approval of

→ Studio Arts Building Roof Replacement, ~~\$194,350~~, Maintenance Program Funds

→ *and* University Village Apartments Roof Replacement, R 5115, pp 14-16, ~~\$177,000~~, Program Revenues

UW-Madison

*Bldg & Land - Approval of
x ref Vilas Hall - (same)*

Vilas Communication Arts - Lower Level Roof Replacement, ~~\$163,000~~, Maintenance Program Funds, R 5115, pp 14-16

UW-Milwaukee - Bldg & Land - Approval of

→ Student Union - Stage II Roof Replacement, ~~\$223,000~~, Program Revenue, R 5115, pp 14-16

UW-Oshkosh - Bldg & Land - Approval of

→ Stewart Hall Roof Replacement, ~~\$51,700~~, Program Revenues, R 5115, pp 14-16

UW-Platteville - Bldg & Land - Approval of

→ Doudna Hall Roof Replacement, ~~\$102,500~~, Maintenance Program Funds, R 5115, pp 14-16

UW-River Falls - Bldg & Land - Approval of

→ Ag Science Building Roof Replacement, ~~\$185,200~~, Maintenance Program Funds

→ McMillan Residence Hall Roof Replacement, ~~\$56,000~~, Program Revenues, *and*

→ Grimm Residence Hall Roof Replacement, ~~\$56,000~~, Program Revenues, R 5115, pp 14-16

UW-Stevens Point - Bldg Fund - Approval

Physical Education Building Addition Roof Replacement, ~~\$120,000, Maintenance Program Funds~~

→ and Debot Center Roof Replacement, ~~\$142,000, Program Revenues~~ R 5115, pp 14-16

UW-Stout - Bldg Fund - Approval

→ South Hall Roof Replacement, ~~\$77,400, Program Revenues~~ R 5115, pp 14-16

UW-Whitewater - Bldg Fund - Approval

→ Anderson Library First and Second Addition Roof Replacements, ~~\$125,000/\$80,000, Maintenance Program Funds~~ R 5115, pp 14-16

Telecommunications

→ UW-Green Bay, UW-La Crosse, UW-Madison and UW-Oshkosh Approval to Execute Contracts to Award Telecommunications Bids at R 5116, p. 16

Regent Nikolay reported unanimous approval by the Physical Planning and Development Committee of authority to execute contracts to award telecommunications bids for UW-Green Bay, UW-La Crosse, UW-Madison and UW-Oshkosh. This would involve installing fiber optic networks to connect the various buildings on the campus, plus wiring inside the buildings to accommodate electronic media needs which could not be handled by the existing systems. The total amount of \$18,074,161 would be funded from an allocation of \$20 million provided by the Legislature.

UW-Green Bay - Approval for telecommunications, R 5116, p. 16

It was moved by Regent Nikolay, seconded by Regent DeLong and unanimously carried that the following resolution be adopted by the Board of Regents:

ref UW-LaCrosse - (same)

Resolution 5116: That, upon the recommendation of the UW-Green Bay, UW-LaCrosse, UW-Madison and UW-Oshkosh Chancellors and the President of the University of Wisconsin System, approval be granted to sign contracts for Communications Cabling Systems on the campuses at UW-Green Bay, UW-LaCrosse, UW-Madison and UW-Oshkosh, at a total estimated cost of \$18,074,161 (\$17,607,095 1987-89 General Fund Supported Borrowing and \$467,066 Program Revenues).

ref UW-Oshkosh - (same)

UW-Madison: Approval of Change in Scope for Clinical Sciences Center Radiology/Medical Records and Surgical Science Research/Management Services Additions

The committee unanimously approved a change in scope for the four-module addition project at the UW-Madison Clinical Science Center, to provide a rooftop helipad on the E-1 module currently under construction.

Regent Nikolay moved and Regent Gundersen seconded adoption by the Board of Regents of the following resolution:

Resolution 5117: That, upon the recommendation of the Hospital Council of Trustees, the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted to modify the program and scope of the CSC Four Module Addition project, to include the design and construction of a rooftop helipad at an estimated cost of \$319,000 of Program Revenue funds, within the authorized budget of \$14,020,000.

*Hospital - Approval
of rooftop helipad,
R 5117, pp 16-18*

Regent Flores reported that the Council of Trustees of the UW Hospital and Clinics unanimously approved the project.

Regent Davis - (same, but add "at UW Hospital")

Regent Davis asked if the second helipad would cause any environmental impact or additional noise and if there had been any community discussion on that point.

Vice Chancellor Noren replied that the Village of Shorewood Hills had been notified of the proposal.

Chancellor Shalala said her belief was that the village had not commented because there would not be a change in the noise level or flight pattern and therefore the village was not concerned about the project.

Regent Fish stated that, although he intended to vote for the project, he had a major concern about fueling the helicopter on the roof of the hospital, even though he recognized that the tank was on the ground and that the helicopters would be fueled through a hose system with proper fire suppression devices. Nevertheless, he was very uneasy about having high-octane gas, even flowing through a hose, at the top of a hospital. Therefore, he urged investigation of the possibility of refueling the helicopter on the ground. If that proved impossible, he urged going beyond normal channels, to make absolutely certain that there was no risk in bringing high-octane fuel to the top of the hospital.

Vice Chancellor Noren replied that this was a concern he also had in initially reviewing the project. When the hospital investigated the matter, it was found that there was no alternative to fueling on top of the hospital. The tank, however, would be buried so that the source of fuel would be under concrete. In investigation, it was found that fueling was done on rooftop heliports in hospitals across the country and that 48 percent of the helicopter services had rooftop helipads. The hospital worked with the Madison Fire Department in developing the plans for the helipad, and the fire department provided a written report approving the plans from a fire-protection standpoint.

Regent Fish pointed out that if a disaster occurred, these assurances would be of little consolation. He urged consideration of the two points he had made.

In response to a question by Regent Gerrard, Dr. Noren indicated that of the 160 total hospital helicopter services, 77 had rooftop helipads. Fueling arrangements were similar to the plans for this project. The jet fuel used for the UW-Madison helicopter, he added, actually was less ignitable than automobile gasoline.

Regent Gundersen asked if there were applicable FAA guidelines which were being followed, and Dr. Noren replied in the affirmative.

Put to the vote, Resolution 5117 was adopted by the board, with Regent Hanson voting "No."

Approval of Minor Projects

Regent Nikolay reported unanimous approval by the Physical Planning and Development Committee of 14 minor projects--four for UW-Madison, three for UW-Eau Claire, two for UW-Superior and one each for UW-Milwaukee, UW-Oshkosh, UW-River Falls, UW-Stout and for UW Center-Washington County.

Adoption by the Board of Regents of Resolution 5118 was moved by Regent Nikolay and seconded by Regent Gerrard.

Resolution 5118: That, upon the recommendation of the UW-Eau Claire, Madison, Milwaukee, Oshkosh, River Falls, Stout, Superior and Centers Chancellors and the President of the University of Wisconsin System, the following minor projects totalling \$2,074,000 be approved and authority granted to plan, bid and construct, at the budgets and from the funding sources indicated:

Health, Safety and Environment Allocation	\$ 304,500
Program Revenues	954,400
Gift/Grant Funds	297,200
General Fund Supported Borrowing	51,260
Removal of Architectural Barriers	23,424
Maintenance Program	228,500
Minor Projects	<u>214,716</u>
Total	\$2,074,000

UW-Eau Claire - Bldg + Land - Approval

- Crest Commons Kitchen Remodeling project, ~~\$36,000, Program Revenues~~
- 1988 Davies University Center Bookstore Remodeling project, ~~\$60,000, Program Revenue funds and~~
- Towers Parking Lot Development project, ~~\$92,000, Program Revenues~~

R 5118, pp 18-20

Parking Areas - Approval

Parking lot project at UW-Eau Claire, R 5118, p. 18

Bldg & Land - Approval

UW-Madison

- 1988 Memorial Union Theater Lobby Remodeling project, ~~\$180,000, (\$50,000 Gift funds and \$130,000 Program Revenue funds)~~
- 1988 University Houses Drive Renovation - Phase 2 project, ~~\$157,400, Program Revenue funds~~
- 1988 Witte Hall Water Softener Replacement project, ~~\$80,000, Program Revenue funds~~ and
- 1988 1410 Johnson Drive Remodeling - Phase I project, ~~\$247,200, Federal Grant funds~~ R 5118, pp 18-20

UW-Milwaukee - Bldg & Land - Approval

- 1987-89 Fine Arts Center Complex Asbestos Abatement/Reinsulation project, ~~\$162,000, 1987-89 General Fund Supported Borrowing~~ Health, Safety and Environment Program funds → R 5118, pp 18-20

UW-Oshkosh - Bldg & Land - Approval

- 1987-89 Clow Classroom/Nursing Education Breezeway Enclosure and Handicapped Access project, ~~\$78,000 (\$54,576 of 1987-89 General Fund Supported Borrowing - Minor Project funds and \$23,424 of 1987-89 General Fund Supported Borrowing - Remove Architectural Barriers Program funds)~~ → R 5118, pp 18-20

UW-River Falls - Bldg & Land - Approval

- 1987-89 Kleinpell Fine Arts Building Theatre Lighting Control System Replacement project, ~~\$150,000, 1987-89 General Fund Supported Borrowing~~ Maintenance Program funds R 5118, pp 18-20

UW-Stout - Bldg & Land - Approval

- 1988 Residence Halls Handicapped Accessibility project, ~~\$151,000, Program Revenue funds~~ → R 5118, pp 18-20

UW-Superior - Bldg & Land - Approval

- 1987-89 Old Main Water Line Replacement and Asbestos Removal/Reinsulation project, ~~\$221,000, General Fund Supported Borrowing (\$78,500 Maintenance Program funds and \$142,500 Health, Safety and Environment Program funds)~~ and
- 1988 Hawkes Residence Hall Handicapped Accessibility project, ~~\$248,000, Program Revenue Supported Borrowing~~ R 5118, pp 18-20

Handicapped Access - Approval of Asbestos removal/reinsulation project at UW-Superior, R 5118, pp 18-20

UW Centers - Bldg & Land -

Approval of movable equipment in UWC-Washington County, R 5118, pp 15-20

UWC-Washington County - Approval

- Movable equipment, ~~\$211,400 (\$51,260 1987-89 General Fund Supported Borrowing; \$160,140 UW System Minor Project funds)~~ R 5118, pp 18-20

In discussion at the board meeting, Regent Gundersen questioned use of the term "minor" for projects at these cost levels.

Regent Fish explained that minor and major projects were terms defined under statute and employed by the State Building Commission. The definition of a minor project was dollar-related, and Board of Regent resolutions were written to conform to that definition.

Put to the vote, Resolution 5118 was adopted unanimously.

Report of the Vice President

The Physical Planning and Development Committee received a report on bid openings and the status of projects.

Bldg + Land
UW-Madison: Approval of Change in Scope and Design, Memorial Library Addition, R 5119, pp 20-22

Summarizing discussion of this agenda item, Regent Nikolay reported that a series of slides was presented, depicting the present view from Bascom Hall to the State Capitol and from the State Capitol to Bascom Hall. A photo also was displayed which depicted the anticipated visual impact of the new addition as originally presented and the actual impact once construction was under way. Vice President Brown provided a detailed chronology relating to the project's history, and Chancellor Shalala responded to a series of questions which had been raised by Regent Weinstein. At the conclusion of discussion, and because of the chancellor's assurance that the compromise solution would have no programmatic impact on library operations, the committee indicated its concurrence with the alternative recommended by unanimously approving Resolution 5119.

Library Memorial - (same)
Regent Nikolay moved and Regent Gundersen seconded adoption by the Board of Regents of the following resolution:

Resolution 5119: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to change the scope and the design of the Memorial Library Addition project to minimize the obstruction of the view of the State of Wisconsin Capitol Building, as follows:

- a) Eliminate one floor, resulting in a height reduction of 14 feet, and construction credits of \$250,000. The construction credits, plus \$20,000 from the project contingency, will be used to make the following changes:

- b) \$150,000 will be needed to reinforce the structural systems in the new Rare Books floor to accommodate the weight of future compact shelving.
- c) \$120,000 will be needed to remodel portions of the fourth floor of the existing library to accommodate the East Asian Collection that would have been housed in the floor proposed for elimination.

Regent Weinstein stated that, although he intended to vote for the resolution, he wanted to express his frustration with the seeming disinterest in finding accountability for the errors which had occurred.

Presenting two photographs of the project, Regent Weinstein indicated that the first photograph showed a picture taken by the architect employed by the State of Wisconsin, Strang and Partners, in which the architect superimposed a line showing where the building would be in horizon when completed. The second photograph showed the actual location once the construction started. The line shown by the architect in the first photograph had been placed 24 feet too low. In the compromise solution, the building would be lowered 14 feet, to re-expose a part of the Capitol dome. While it had been said that this change would not result in additional cost, the resolution before the board identified at least \$20,000 of additional cost to lower the building and install compact shelving.

Stating outrage that the responsible party might not be made to pay for the error, he pointed out that the contingency money from which the \$20,000 was to be obtained ultimately would be paid by the taxpayers.

Regent Weinstein urged that those responsible for the error be required to pay all additional costs of the project and that the additional cost not be paid from any contingency. He also requested that President Shaw provide assistance to the Board of Regents in thinking through the relationship between the campus planning units and state-hired architects. If the campus planning units signed off on projects once the state architects were brought in, he felt thought should be given to whether it was a good policy for no one at the university to be involved in monitoring the projects. In his view, it would be preferable for the campus planning units to have an ongoing involvement in the projects.

Regent Nikolay noted that the Board of Regents was not in a position to direct the Attorney General to sue the architect.

While he was aware of the legal limitation, Regent Weinstein stated that it was proper, however, to express outrage about what had occurred and to urge that there be accountability for the error.

Regent Nikolay observed that he often had been frustrated by the fact that, although architects often clearly were responsible for problems that required roof repairs, no legal actions were taken against them.

While he did not wish to encumber the resolution with an amendment, Regent Weinstein suggested expressing encouragement, as a sense of the board, that the state hold its hired contractors accountable for errors.

Regent Fish explained that once a project is accepted by the Building Commission, the UW System or any other agency retains only consultive rights with the architect, who is actually selected by the Bureau of Facilities Management. While legal actions had been filed on a variety of occasions, they often were not successful. In the case of roofing companies, the firms frequently went out of business before the warranty expired. There had, however, been some successful suits, and it was his understanding that suits were brought when there was reasonable expectation of positive results.

President Schilling suggested that the Physical Planning and Development Committee review areas of concern and that a meeting be scheduled with Division of State Facilities Management officials to discuss what might be done to avert such problems in the future.

Put to the vote, Resolution 5119 then was adopted unanimously by the board.

President Schilling asked that the minutes reflect his suggestion that this might be a suitable policy topic for the Physical Planning and Development Committee in the future, and that the minutes reflect the concerns stated by Regent Weinstein.

Regent Weinstein suggested that a copy of the minutes be sent to the Division of State Facilities Management.

President Schilling indicated that he would wish first to discuss the matter with Division officials. He thought it likely that they shared the regents' sense of frustration.

UW-Milwaukee: Authorization to Execute Construction Easement

Regent Nikolay reported that the Physical Planning and Development Committee unanimously approved authority to grant a construction easement to the Milwaukee Metropolitan Sewerage District. The easement was needed because a portion of the district's "deep tunnel sewer" would run below the Great Lakes Research Facility at UW-Milwaukee.

Adoption by the Board of Regents of Resolution 5120 was moved by Regent Nikolay and seconded by Regent Gerrard.

Resolution 5120: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board be authorized to execute an underground easement between the Board and the Milwaukee Metropolitan Sewerage District. This underground easement is needed in conjunction with the construction, maintenance, repair and reconstruction of an intercepting sewer in a tunnel (the Deep Tunnel Sewer Project), a portion of which will run beneath the university-owned Great Lakes Research Facility. The easement covers the following described right of way owned by the Board:

*UW-Milwaukee - Bldg + Land -
 Authorization for underground
 easement with Milwaukee
 Metropolitan Sewerage
 District, R 5120 pp 22-24*

A strip of land 60 feet wide, lying below an elevation of 338 feet, Mean Sea Level, 1929 Adjustment, approximately 256 to 258 feet beneath existing ground surface, through that part of Government Lot 6 in the Southwest 1/4 section of Section 33, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee and State of Wisconsin, said strip of land lying 30 feet each side of a reference line described as follows:

Commencing at the Southeast corner of said Southwest 1/4 Section; thence North $00^{\circ}33'34''$ West along the East line of said Southwest 1/4 Section 1208.82 feet; thence South $88^{\circ}30'24''$ West 427.00 feet to the point of beginning of said reference line; thence South $47^{\circ}17'05''$ West 1326.55 feet to the Centerline of the Greenfield Slip and the point of beginning of said strip of land; thence continuing South 431.73 to the North line of East Greenfield Avenue and the point of termination of said strip of land; thence continuing South $47^{\circ}17'05''$ West 75.87 feet to the South line of said Southwest 1/4 Section and the point of termination of said reference line; thence South $88^{\circ}30'24''$ West along said South line 796.49 feet to the Southwest corner of said Southwest 1/4 Section.

The sidelines of said strip of land to be extended or shortened to terminate at the Centerline of the Greenfield Slip and the North line of East Greenfield Avenue.

In reply to a question by Regent Flores, Vice President Brown explained that the Metropolitan Sewerage District would construct a tunnel about 300 feet below ground to handle surplus rain water, with part of the tunnel running under the Great Lakes Research Facility. The easement also provided that the Great Lakes Research Facility's well for the fish program be constructed a minimum of 300 feet from the easement.

Put to the vote, Resolution 5120 was adopted unanimously by the board.

Capital Budget Request

The committee, with all regents invited to participate, acted on the following resolutions concerning the 1989-91 capital budget request:

Budgets, Capital
Deferral of Major Projects, 1989-91 Capital Budget, R 5121, p. 24

Resolution 5121, which was unanimously approved in committee, was moved by Regent Nikolay, seconded by Regent Nicholas and adopted unanimously by the Board of Regents.

Resolution 5121: That, upon the recommendation of the President of the University of Wisconsin System, the following listing of major projects requested by the various universities for potential funding in the 1989-91 biennium using General Fund Supported General Obligation Bonding be deferred, and not submitted to the Department of Administration or State Building Commission for consideration as part of the 1989-91 capital budget. These projects will not be reconsidered unless resubmitted by the respective universities as a part of a subsequent biennial capital budget request. This recommendation to defer reduces the requests received from the various campuses by \$42.1 million and is based on a combination of fiscal constraints, Systemwide priorities, and planning considerations.

GPR MAJOR PROJECTS RECOMMENDED FOR DEFERRAL (Listed Alphabetically)

<u>PROJECT</u>	<u>GPR REQUEST</u> (\$ Millions)
EAU Central Heating Plant Modifications	2.9
LAC Student Life Center (also \$6.7 PR)	2.9
MSN Lecture Halls Remodeling	1.0
MSN Charter Street Make-up Water	.3
MSN Agricultural Engineering - Phase 2	3.7
MSN Law Building Addition/Remodeling	4.5
MIL Concert Hall Facility	12.2
OSH Clow Faculty Remodeling	1.1
OSH Radford Hall Remodeling	2.7
PKS Physical Education Facility Addition	4.3
STO Relocate Health Center to Price Commons	.7
SUP Gates PE Addition/Remodeling	4.4
SUP Jim Dan Hill Library Basement Remodeling	1.0
SYS Great Lakes Research Facility Remodeling	.4
TOTAL	\$42.1

Budget, Capital -

Approval of Major Project Priority List, 1989-91 Capital Budget

R 5122,

pp 25-26

Summarizing review in committee of the GPR-funded major projects priority list, Regent Nikolay reported that, after discussion and action defeating an amendment and with action to eliminate the Wisconsin Center addition project, since the gift funding portion was no longer available, Resolution 5122 was approved with Regents Doughty Luckhardt and Gerrard voting "No." In addition to a revision stating understandings associated with planning funds for UW-Madison, language was added to state the intent to assure retention of the Board of Regents' priorities as listed.

Adoption by the Board of Regents of the following resolution was moved by Regent Nikolay, seconded by Regent Davis and carried by the board, with Regents Doughty Luckhardt and Gerrard voting "No":

Resolution 5122: That, upon the recommendation of President of the University of Wisconsin System, the following listing of major projects and the System priority ranking for these projects, funded by General Fund Supported General Obligation Bonding, be approved and the System Administration be authorized to submit the requests to the State Department of Administration and the State Building Commission as a part of the 1989-91 capital budget.

This is with the understanding that the Planning Funds approved for the two projects in Category IV carry the expectation that federal and private funding will constitute the major amount needed to construct them. Further, the Board approval of these Planning Funds implies no commitment to priority ranking of these Capital projects in future biennia.

Furthermore, it is understood that the list of projects is submitted with an awareness of the fiscal constraints facing the State which may necessitate reductions in the request. Therefore, the Board of Regents directs System President Shaw and his staff to work with the Department of Administration and members of the Legislature, to make it clear that it is the Board of Regents desire that funding made available to the System be applied to the projects in accordance with the Regents' priorities.

Table 7 (Revised)
1989-91 GPR MAJOR PROJECT PRIORITIES
System Administration Ranking of University Requests

<u>Priority Univ.</u>	<u>Project Name</u>	<u>GPR</u>	<u>Cumulative</u>
I. <u>FULFILL PRIOR COMMITMENTS</u>			
1	MSN Memorial Library Compact Shelving	\$ 2.4	\$ 2.4
2	MSN Central Chilled Water System Phase 2	6.2	8.6
3	PLT Dairy Center Redevelopment - Phase IV	.3	8.9
4	CTR Movable & Special Equipment	.3	9.2
Category I Total		\$9.2	
II. <u>PROJECTS TO MEET BASIC PROGRAM NEEDS</u>			
5	MSN Electrical & Signal Distribution Improv.	1.8	11.0
6	MIL Architecture & Urban Planning	21.0	32.0
7	LAC Murphy Library Addition	9.5	41.5
8	EAU Information & Technology Resource Center	13.7	55.2
9	STO Fryklund Hall Remodeling	2.9	58.1
10	OSH Albee Hall Addition	3.0	61.1
11	WTW Multipurpose Auditorium (1.0 PR, 2.0 Gifts)	6.0	67.1
12	STP College of Natural Resources Addition	8.4	75.5
13	MIL School of Business Administration (1.6 PR)	22.2	97.7
14	RVF South Hall Remodeling	5.0	102.7
15	MSN Lathrop Hall Remodeling (.6 G, 1.7 All-A)	1.0	103.7
Category II Total		\$94.5	
III. <u>PROJECTS TO ENHANCE FUNDING AND ECONOMIC DEVELOPMENT OPPORTUNITIES</u>			
	GBY Performing Arts Center (5.0 Gifts)	5.0	
	SYS GLRF Additional Space for Fisheries Research	.6	
	SYS WHA-TV Tower Replacement (2.0 PR)	2.0	
		\$7.6	
IV. <u>PROJECTS RECOMMENDED FOR PLANNING</u> (Future construction costs in parentheses)			
	MSN Biotechnology/Genetics (\$26.3 M)	1.2	
	MSN Chemistry Building Addition (\$16.2 M)	.6	
		\$ 1.8	

Budget, Capital

Approval of Major Gift/Grant/Program Revenue Supported Projects,
1989-91 Capital Budget, R 5123, pp 26-27

With the technical adjustment of removing the program revenue funded portion of the Wisconsin Center addition project, the committee unanimously approved Resolution 5123.

Upon motion by Regent Nikolay, seconded by Regent Gerrard, Resolution 5123 was adopted unanimously by the Board of Regents.

Resolution 5123: That, upon the recommendation of the President of the University of Wisconsin System, the attached listing of major Gift/ Grant/Program Revenue Supported projects be approved, and System Administration be authorized to submit the requests to the State Department of Administration and the State Building Commission as part of the 1989-91 Capital Budget.

Table 9 (Revised)
Recommended Major Projects
GIFTS/GRANTS/PROGRAM REVENUE

	<u>CAMPUS/PROJECT</u>	<u>GIFTS/GRANTS</u>	<u>PROGRAM REVENUE</u>	
			<u>BONDING</u>	<u>CASH</u>
EAU	Davies Center Remodeling			\$2,516,000
GBY	* Center for Performing Arts	\$ 5,000,000		
MAD	* Lathrop Hall Remodeling	\$ 600,000		
	CSC Eye Research/Cancer Res	6,626,000		
	CSC Operating Rm/ Recovery Rm Expansion		897,000	
	CSC Trauma & Life Support Center/Burn Center		7,875,000	
	Parking Ramp - Univ Ave		3,500,000	
	Primate Center Remodeling	1,000,000		
MIL	* School of Business Parking		1,600,000	
	Kunkle Parking Structure		6,400,000**	
	Sandburg Res Hall Addition		17,300,000	
	Student Center Plaza			315,000
PLT	* East Campus/Pine Street Parking Development		260,000	
RVF	Horse Center Complex	499,000		
STP	Debot Food Service Addition/Remodeling		1,600,000	1,004,000
STO	Price Commons Addn/Remodel		750,000	1,104,000
WTW	* Multipurpose Auditorium	\$ 2,000,000	1,000,000	
SYS	* WHA Tower Relocation		2,000,000	
TOTALS	GIFTS/GRANTS	\$15,725,000		
	PR BORROWING		\$43,237,000	
	PR CASH			\$4,884,000
	GRAND TOTAL		\$63,846,000	

* Project also uses GPR funds

** Includes \$2,515,000 existing borrowing authority.

Budget, Capital
Approval of Minor Projects, 1989-91 Capital Budget, R 5124, p. 28

Resolution 5124, which was unanimously approved in committee, was adopted unanimously by the Board of Regents upon motion by Regent Nikolay and seconded by Regent Gerrard.

Resolution 5124: That, upon the recommendation of the President of the University of Wisconsin System, the following amounts for Minor projects, funded from GPR-supported State Building Trust Funds, be approved for each unit and System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as part of the 1989-91 capital budget:

UW-Eau Claire	\$ 388,000
UW-Green Bay	490,000
UW-LaCrosse	840,000
UW-Madison	3,471,000
UW-Milwaukee	1,087,000
UW-Oshkosh	922,000
UW-Parkside	575,000
UW-Platteville	605,000
UW-River Falls	253,000
UW-Stevens Point	791,000
UW-Stout	449,000
UW-Superior	566,000
UW-Whitewater	640,000
UW Centers	100,000
UW Extension	<u>593,000</u>
Total	\$13,663,000

Budget, Capital
Approval of Statewide Programs, 1989-91 Capital Budget, R 5125, pp 28-29

Upon motion by Regent Nikolay, seconded by Regent Gerrard, the following resolution, which was unanimously approved in committee, was adopted unanimously by the Board of Regents.

Resolution 5125: That, upon the recommendation of the President of the University of Wisconsin System, the following Statewide program allocation requests be approved, and System Administration be authorized to submit them to the State Department of Administration and the State Building Commission as a part of the 1989-91 Capital Budget.

	<u>CASH</u>	<u>BORROWING</u>	<u>TOTAL</u>
Minimum Maintenance	\$34,374,000	\$14,150,000	\$48,524,000
Health/Safety/ Environment	4,294,000	10,434,000	14,728,000
Energy Conservation		14,937,000	14,937,000
Removal of Arch.		1,824,000	1,824,000
Statewide Land Acquisition		2,000,000	2,000,000
Telecommunications/ Capital Equipment	<u>6,345,500</u>		<u>6,345,500</u>
Total Request	\$45,013,500	\$43,345,000	\$88,358,500

Budget, Capital - Approval of

Program Revenue Funded "Statewide" Projects, 1989-91 Capital Budget, R 5126

The following resolution, which was unanimously approved in committee, was moved by Regent Nikolay, seconded by Regent Gerrard and adopted unanimously by the Board of Regents:

p. 29

Resolution 5126: That, upon the recommendation of the President of the University of Wisconsin System, authorization be granted to submit to the State Department of Administration and the State Building Commission a request for authority to establish the following Program Revenue funded "Statewide Project Categories" in the University of Wisconsin System's 1989-91 Capital Budget to enable eligible projects which exceed \$250,000 to be constructed:

Removal of Architectural Barriers	\$ 860,000
Health, Safety and Environment	962,000
Land Acquisition	230,000
Minimum Maintenance	<u>9,949,300</u>
Total	\$12,231,300

Budget, Capital -

Approval of Borrowing Authority for Program Revenue Projects, 1989-91 Capital Budget, R 5127, PP 29-30

In committee, Resolution 5127 was approved, with Regent DeLong voting "No."

Adoption by the Board of Regents of the following resolution was moved by Regent Nikolay, seconded by Regent Hanson and carried, with Regents DeLong and Doughty Luckhardt noting "No."

Resolution 5127: That, upon the recommendation of the President of the University of Wisconsin System, authority be granted to include in the 1989-91 Capital Budget \$10 million in Program Revenue Borrowing Authority to be used to fund needed minor projects and "statewide program" activities where sufficient cash resources are not available to make needed modifications in Program Revenue supported facilities.

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REPORT OF THE EDUCATION COMMITTEE

The committee's report was presented by Chairman Grover.

Report of the Vice President

Request from United Council of UW Student Governments - *System report*

** request from United Council, p. 30*

At the November meeting, the United Council of UW Student Governments appeared before the Education Committee to ask that the UW System publish a brochure, to be made available to all members of the university community, which would outline the commitment of the UW System to educational opportunities and describe the nature of campus racism. Vice President Trani advised the committee that three UW institutions already had published such brochures and those publications were shared with all chancellors to consider as they implement the *Design for Diversity*.

Engineering → Engineering and Technology Strategic Planning Task Force Report, p. 30

Vice President Trani reported that the Engineering and Technology Strategic Planning Task Force had submitted its final report. Copies were sent to all regents, and a presentation was planned for the April meeting.

New Strategic Planning Processes

A strategic planning process for libraries was now being instituted and was to be followed by strategic planning studies of agriculture and natural resources.

Awards → Fulbright Scholar Program Awards, p. 30

A listing of those faculty members who received awards under the Fulbright Scholar Program was distributed.

New Administrative Associates in the Office of Academic Affairs

Dr. Trani announced the selection of four administrative associates, to work in the Office of Academic Affairs in the 1989-90 school year.

vet school
Report on Options for Use of Satellite Veterinary Facility at
UW-River Falls, R 5128, pp 31-33

Regent Grover reported that President Shaw reviewed with the committee the background of this issue and summarized his recommendations which would: first, transfer control of the clinic facility with monies for maintenance, educational materials and equipment from UW-Madison to UW-River Falls; second, increase services in animal health through the Agricultural Resources Center for educational planning; and third, transfer funds and positions to accomplish that objective.

The committee unanimously approved Resolution 5128.

UW-River Falls - (same, but drop "at UW-River Falls")
Adoption by the Board of Regents of Resolution 5128 was moved by Regent Grover and seconded by Regent Davis.

Resolution 5128: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the following recommendations of the President of the University of Wisconsin System regarding the following actions:

- 1) Control of the Satellite Food Animal Clinical facility will be transferred from UW-Madison to UW-River Falls July 1, 1989. UW-Madison will transfer \$15,000 for building maintenance and \$3,000 for educational materials and equipment to UW-River Falls. The facility will be used as a Agricultural Resources Center for educational programming for the Agriculture/Agribusiness community in northwestern Wisconsin. Responsibility for plans to remodel the building (Phase I and Phase II) and the funds to support remodeling will be assigned to UW-River Falls and will be dependent on the new plan for the facility. That Phase I be completed as soon as possible after July 1, 1989 using existing resources and that any capital budget request for remodeling associated with Phase II be delayed until the 1991-93 biennial budget.
- 2) The UW System will greatly increase its services in the area of animal health. Currently there is one faculty FTE in the Department of Veterinary Science at UW-Madison serving that function. In addition, UW-Madison will identify the equivalent of one faculty FTE in the School of Veterinary Medicine to participate in the statewide planning of the extension function in collaboration with the Agricultural/Agribusiness program area. This activity will include representation on the major interdisciplinary animal health committees of this program area.

UW-Madison will also fill two existing vacant positions with faculty having expertise in food animal health. Thus, this program area will be able to respond to the priority needs of producers, producer organizations and veterinarians.

This commitment to animal health programs is part of a reordering of priorities by the School of Veterinary Medicine in its effort to provide needed services to the public and to integrate their planning and programming activities with UW-Extension in order to better serve the needs of the State.

- 3) Funds and position authority for two extension faculty FTE's will be located at UW-River Falls. One will be reallocated by UW-Madison from the School of Veterinary Medicine. The other will be an internal reallocation within the UW System. In addition, a .5 classified FTE and \$4,000 in support for travel and supplies will be transferred from the UW-Madison School of Veterinary Medicine to UW-River Falls. As part of the Agricultural Resources Center at UW-River Falls, these resources will support extension programs in agriculture and be integrated with the statewide extension structure in the Agriculture/Agribusiness Program Area. Consistent with the recommendations of the internal study committee, the program priorities for these positions will be herd health, agricultural profitability, farm management, and special agricultural problems, such as stray voltage and groundwater/natural resource management.

In response to a question by Regent Lyon, Vice President Trani said that four faculty positions were provided in the resolution.

Regent Gundersen asked if the transfer of positions from Madison to River Falls would result in a lack of teaching capacity at UW-Madison. It was his understanding that, of the 27 veterinary schools in the United States, UW-Madison ranked 20th in number of teaching staff.

President Shaw replied that inevitably there would be some impact on teaching and research, although there also should be savings from reconfiguration of the clinical experience.

Regent Gundersen asked if there was assurance that the proposed program was needed.

Replying in the affirmative, President Shaw explained that, in review of the matter, it was made clear that legislative intent was not being met and that the River Falls facility was being greatly underutilized. A

committee, which was formed to talk with interested people in that area of the state and identify needs, reported that service was needed in the areas of whole herd health, animal nutrition and profitability. The proposed solution was designed to meet those needs and secondarily to make good use of the building. He assured the board that the program would address bonafide needs, but added that it probably could not entirely satisfy those needs.

Regent Lyon pointed out that, prior to establishment of the School of Veterinary Medicine, there were three extension veterinary positions in the state. That number was later reduced to one. This proposal would move toward that previous level. He concurred with President Shaw about the need for extension positions in northwestern Wisconsin and believed that, for all the producers of the state, this solution would better serve the public than what had been done in the past.

Put to the vote, Resolution 5128 was unanimously adopted.

Rewards -)
Announcement of 1989-90 Sabbatical Awards, p. 33

Regent Grover reported that the names of the 166 recipients of sabbaticals for 1989-90 and a summary of their projects were included with the regent agenda materials.

In response to a question at the board meeting by Regent Doughty Luckhardt, Vice President Trani explained that prior to 1984, the number of sabbatical leaves could not exceed three percent of the eligible faculty. Under those conditions, a total of 141 sabbaticals were possible. In the 1983-84 legislative session, the Governor and the State Legislature recognized the need to expand the sabbatical program and lifted the three percent limitation. The current numbers were slightly lower than three percent. Much treasured by faculty, sabbaticals provided an opportunity to have time out of the classroom to renew both their research and teaching skills. There were many more applications for sabbatical leaves than were eventually granted through a competitive process at the departmental level, at the college level and the university level. The duties of faculty members on sabbatical leaves were covered by reallocations from institution base budgets, by salary savings from those on partial leave, and by colleague coverage.

Regent Fish asked if a faculty member on sabbatical experienced any kind of salary differential as compared to being on campus.

Vice President Trani replied that there was no salary differential for one-semester sabbaticals, but for full-year sabbaticals, the maximum was 65 percent of salary.

Regent Fish asked if salaries of those on sabbatical when pay raises were granted would be increased to that level when they returned, and Vice President Trani responded in the affirmative.

UW-Milwaukee

- Vice President Lyon presiding -

Amendment to s. 1.01(1)(b), UW-Milwaukee Faculty Policies and Procedures, R 5129, p. 34

Resolution 5129, which was unanimously approved in committee, was moved by Regent Grover, seconded by Regent DeLong and adopted unanimously by the Board of Regents.

Resolution 5129: That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the amendment to s. 1.01(1)(b) of the University of Wisconsin-Milwaukee Faculty Policies and Procedures be approved.

UW-Parkside

Revisions to UWPF 7.07-7.14, UW-Parkside Faculty Policies and Procedures, R 5130, p. 34

Resolution 5130, which was unanimously approved by the committee, was moved by Regent Grover, seconded by Regent Hanson and adopted unanimously by the Board of Regents.

Resolution 5130: That, upon the recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the amendments to UWPF 7.07-7.14 of the University of Wisconsin-Parkside Faculty Policies and Procedures be approved.

Appointment of UW System Representative to the Natural Areas Preservation Council *Reappointment of*

Upon motion by Regent Grover, seconded by Regent Hanson, the following resolution, which was unanimously approved in committee, was adopted unanimously by the board:

Resolution 5131: That, upon the recommendation of President of the University of Wisconsin System, the Board of Regents, acting pursuant to legislative direction, reappoints Virginia M. Kline to a new three year term (January 1, 1989 to December 31, 1991) as a University of Wisconsin System representative to the Natural Areas Preservation Council. *Council* R 5131, p. 34

X ref Kline, Virginia M. - Reappointed to Natural Areas Preservation Council for term ending 12/31/91, R 5131, p. 34

UW-Parkside Administrative Reorganization, R 5132, p. 35

It was moved by Regent Grover and seconded by Regent DeLong that Resolution 5132, which was unanimously approved by the committee, be adopted by the Board of Regents.

Resolution 5132: That, upon the recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the Board of Regents, acting pursuant to s. 36.09(1)(gm)(3.), Wis. Stats., approves the following academic reorganization for the University of Wisconsin-Parkside: elimination of the College of Science and Society and the School of Modern Industry; reorganization of the current eight academic divisions into the School of Liberal Arts, the School of Science and Technology, the School of Business, and the School of Education, effective July 1, 1989.

Regent Davis asked that the minutes reflect assurances given to the Education Committee by Chancellor Kaplan that this reorganization, particularly as it affected the School of Science and Technology, was not a precursor to a request for a School of Engineering.

In response to a question by Regent Fish, Chancellor Kaplan indicated that the reorganization was approved by the Faculty Senate with only one dissenting vote.

Put to the vote, Resolution 5132 was adopted unanimously by the Board of Regents.

Authorizations to Recruit

Authorization to Recruit: Dean of Liberal Arts, UW-Parkside, R 5133, p. 35

Regent Grover moved and Regent Weinstein seconded adoption by the Board of Regents of Resolution 5133, which was unanimously approved by the committee.

UW-Parkside staff - (same, but drop "UW-Parkside")

Resolution 5133: That, upon the recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of Liberal Arts be approved.

With regard to Resolutions 5133 and 5134, Regent Davis noted that the total dollar cost for the reorganization would be less than the present dollar cost and that these two resolutions were recruitments to fill positions, consistent with that organizational structure. The Education Committee recommended them strongly on that basis.

Put to the vote, Resolution 5133 was adopted unanimously by the board.

Authorization to Recruit -

Authorization to Recruit: Dean of Science and Technology, UW-Parkside, R 5134, p. 36

Upon motion by Regent Grover, seconded by Regent Nicholas, the following resolution, unanimously approved by the committee, was adopted unanimously by the board:

X ref UW-Parkside still same, but drop "UW-Parkside"

Resolution 5134: That, upon the recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of Science and Technology be approved.

Authorization to Recruit -

Authorization to Recruit: Dean, UW Center-Washington County, R 5135, p. 36

Resolution 5135, which was unanimously adopted by the committee, was adopted unanimously by the Board of Regents, upon motion by Regent Grover, seconded by Regent Davis.

X ref UW Centers - still - (same)

Resolution 5135: That, upon the recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the University of Wisconsin Center-Washington County be approved.

X ref UW Center-Washington County (same, but drop "UW-C-Wash. County")

Academic Programs -

Information Report on Program Review and Program Planning, p. 36

Regent Grover reported that Dr. Trani discussed with the Education Committee the report on program review and program planning, which included an executive summary and seven appendices. It was indicated that this new reporting format would be used for similar combined reports to the Board of Regents on an annual basis.

Authorization to Recruit -

Authorization to Recruit: Director, Wisconsin Regional Primate Center, UW-Madison, R 5136, pp 36-37

In committee review of this matter, questions were raised concerning the proposed salary range, and the committee was assured that such a salary was necessary to be competitive with the seven regional primate laboratories in the country. The committee then unanimously approved Resolution 5136.

Adoption by the Board of Regents of Resolution 5136 was moved by Regent Grover and seconded by Regent DeLong.

Resolution 5136: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Director of the Wisconsin Regional Primate Center be approved.

In response to a question by Regent Gundersen, Chancellor Shalala said the proposed salary would be competitive and had been established in accordance with salaries of the small number of experts at that level.

Put to the vote, Resolution 5136 was adopted unanimously by the Board of Regents.

UW Centers

Report on Transfer Relationships, p. 37

At the committee meeting, Regent Weinstein suggested, and other committee members concurred, that a written report be provided for the February meeting describing for each university transfer relationships with the UW Centers and other system institutions, in order to determine whether current transfer relationships accorded with the regent policy set forth in *Planning the Future*.

Professors, Distinguished

George Perdikaris

Appointment of Distinguished Professor, UW-Parkside, R 5137, p. 37

Regent Grover presented Resolution 5137 which was unanimously approved by the Education Committee in closed session.

UW-Parkside - (same, but drop "UW-Pkisd.")

Upon motion by Regent Grover, seconded by Regent Nicholas, the following resolution was unanimously adopted by the Board of Regents:

Resolution 5137: That, upon recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the status of George Perdikaris, Professor of Applied Science, University of Wisconsin-Parkside, be changed to Wisconsin Distinguished Professor of Applied Science, effective January 1, 1989.

ADDITIONAL RESOLUTION

Admin Code

Promulgation of Rules, Chapters UWS 14 and 17, Wis. Admin. Code, R 5138,

Vice President Lyon noted that these rules were approved by the Board of Regents at the September meeting and were then submitted to the Legislature for review, as required by Ch. 227, Wis. Stats. PP 37-38

In the Senate, the rules were referred to the Education Committee and in the Assembly, to the Committee on Colleges and Universities. All deadlines for legislative committee review had now passed, with no action taken and no objection made by either committee. Therefore, the rules were ready for promulgation at this time.

It was moved by Regent Weinstein and seconded by Regent Fish that Resolution 5138 be adopted by the Board of Regents.

Resolution 5138: That, upon recommendation of the President of the University of Wisconsin System, the Board adopts and approves the creation of Chapter UWS 14, *Wisconsin Administrative Code*, and amendments to Chapter UWS 17, *Wisconsin Administrative Code* (Legislative Council Clearinghouse Rule 88-118), relating to student academic misconduct, as indicated in the attachment accompanying this resolution; and further directs that the Secretary of the Board shall cause a certified copy of these rules to be filed with the Secretary of State and the Office of the Revisor of Statutes, as required by s. 227.20, Wisconsin Statutes.

Senior Counsel Hodulik indicated that the rules would be in effect as soon as published by the Revisor of Statutes, probably by late January or early February 1989.

Put to the vote, Resolution 5138 was unanimously adopted by the board.

Regent Meeting Scheduling of January 1989 meeting
pp 38-39

ADDITIONAL BUSINESS

January 1989 Meeting

Vice President Lyon noted that the current schedule included a Board of Regents meeting on January 6, 1989. While January meetings often were cancelled, this year there was need to make an appointment to the UW-Stevens Point chancellorship. The Special Regent Committee, chaired by Regent Flores, was to conduct interviews on December 27, which was the earliest date the committee was able to meet. The Board of Regents then could act on the resulting recommendation at the January 6 meeting.

The secretary of the board had contacted all regents and found no opposition to a January 6 meeting, and a majority of regents said they could attend. She further inquired as to whether regents preferred to limit the agenda to that one issue or if they preferred to take up other matters that might remain after this meeting or that might lighten the agenda for the February session. Opinion on that question was divided, and many thought it would depend on whether there were items from the December meeting which had to be deferred or whether other matters might arise which should be addressed before February.

If there were other items for the January agenda, the hope was to limit the meeting schedule to one day, with any necessary committee meetings being held prior to the Board of Regents meeting on January 6. At this time, it appeared that the agenda would be a short one. Those who would find it difficult to be in Madison could participate in the meeting by telephone conference.

Based on past comments from regents, President Schilling noted the desirability of personal attendance at the meeting by as many regents as possible, particularly given the importance of selecting a chancellor. The plan was to schedule the meeting for late morning, so that those who wished could come to Madison and return home the same day.

Vice President Lyon said that materials regarding the chancellor appointment would be provided to all regents in time for review prior to the meeting.

President Shaw added that it would not appear necessary to have committee meetings, since the vice presidents had indicated that work in progress would not be completed in time for board review in January.

Regents Davis and Fish inquired as to whether telephone participation in the meeting contributed to a quorum.

President Schilling replied in the affirmative, adding that it would be necessary to comply with the open meeting law requirement of listing telephone participants on the meeting notice.

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- President Schilling presiding -

At 11:25 a.m., the following resolution, moved by Regent Lyon, and seconded by Regent Davis, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Fish, Gerrard, Grover, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 5139: That the Board of Regents recess into closed session to consider personnel matters and possible action on a UW-Milwaukee salary adjustment, as permitted by s. 19.85(1)(c), *Wis. Stats.*, to consider honorary degrees at UW-Madison and UW-Milwaukee, as permitted by s. 19.85(1)(f), *Wis. Stats.*, and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

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CLOSED SESSION ACTION

~~Compensation~~
Base Salary Adjustment: Dean, UW-Milwaukee School of Architecture and Urban Planning, R 5140, p. 40

The board arose from closed session at 12:50 p.m., having adopted the following resolution:

Resolution 5140: That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, an annual base salary adjustment for Carl Patton, Dean of the School of Architecture and Urban Planning, University of Wisconsin-Milwaukee, from \$80,000 to \$90,000 be approved effective January 1, 1989.

X ref Salaries - (same)

X ref UW-Milwaukee - Staff - Base salary adjustment for Carl Patton, Dean of School of Architecture & Urban Planning, R 5140, p. 40

The meeting was adjourned at 12:50 p.m.

Patton, Carl - Base salary adjustment as UW-Milwaukee Dean, School of Architecture & Urban Planning, R 5140, p. 40

Judith A. Temby
Judith A. Temby
Secretary

December 28, 1988

0178X

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. ENVIRONMENTAL PROTECTION AGENCY
CHICAGO, IL
REGIONAL INDIAN LANDS SPECIAL PROJECT FOR
UNDERGROUND STORAGE TANKS (UST) AND LEAKING
UNDERGROUND STORAGE TANKS (LUST) PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AWARD # L005047-01
MSN ENGR ENGR PRFSNL DVLP (144-AR37) 100,000.00
2. MULTIPLE DONORS
MECHANICAL SCIENCES 4-H
MSN AG&LSC AG ENGINEERING (133-L132) 200.00
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED FUND FOR ENGINEERING PROFESSIONAL
DEVELOPMENT DEPARTMENT
MSN ENGR ENGR PRFSNL DVLP (133-L682) 8,500.00

GIFT-IN-KIND

1. PHYLLIS AND ELLIS WALDRON
MADISON, WI
BOOK
MSN LAW LIBRARY
2. APPLE COMPUTER, INC.
CUPERTINO, CA
ONE MACII WITH 80 MG INTERNAL DRIVE, VIDEO CARD,
VIDEO EXPANSION CARD, APPLE KEYBOARD, COLOR
MONITOR, AND HYPERCARD
MSN ENGR ADMINISTRATION
3. HUGHES AIRCRAFT COMPANY
ENGLEWOOD, CA
MCIDAS WORKSTATION
MSN GRAD SPACE SCI&ENG CT
4. IBM
HOPEWELL JUNCTION, NY
GAS CHROMATOGRAPH
MSN L&S CHEMISTRY
5. PHILIP A. PERRONE
MIDDLETON, WI
RESEARCH BOOKS FOR THE REFERENCE LIBRARY
MSN EDUC COUNS PSYCH & ED

INSTRUCTION

1. WEISS, JOHN W. M.D.
GLENCOE, IL
MEYER, O.O.--CLINICAL TEACHING
MSN HS-MED MEDICINE (TRUST) 100.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- | | | | |
|----|--|------------|-----------|
| 2. | COOPERATIVE EDUCATIONAL SERVICE AGENCY NO. 7
GREEN BAY, WI
PRIME CONTRACTOR WITH DED
ADMINISTRATIVE TRAINING PROJECT FOR WISCONSIN
SPECIAL EDUCATION ADMINISTRATORS
FOR THE PERIOD 08-24-88 THROUGH 06-30-89
AWARD # AGR DTD 11/09/88
MSN EDUC EDUC ADMIN | (144-AS02) | 32,988.00 |
| 3. | DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
UNIVERSITY AFFILIATED PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AT A TOTAL COST OF \$363,234.00
AWARD # MCJ-000915-20-0, MOD. 1
MSN GRAD WAISMAN CENTER | (144-AK42) | 27,000.00 |
| 4. | DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | ONCOLOGY EDUCATION: SUMMER RESEARCH AND
PREVENTION
FOR THE PERIOD 09-01-88 THROUGH 03-31-89
AT A TOTAL COST OF \$23,055.00
AWARD # 1 R25 CA47785-01, MOD. 1
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY | (144-AK77) | 6,217.00 |
| 2) | ONCOLOGY EDUCATION: SUMMER RESEARCH AND
PREVENTION
FOR THE PERIOD 09-01-88 THROUGH 03-31-89
AT A TOTAL COST OF \$50,649.00
AWARD # 1 R25 CA47785-01, MOD. 2
MSN HS-MED HUMAN ONCOLOGY PREV ONCOL | (144-AL59) | 6,538.00 |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GM FACULTY PROFESSIONAL DEVELOPMENT GRANT
MSN ENGR OPERATIONS | (133-K197) | 2,000.00 |
| 6. | EDGEWOOD COLLEGE
MADISON, WI
EDGEWOOD ETHICS EDUCATION PROJECT
MSN HS-MED PEDIATRICS | (133-N508) | 2,000.00 |
| 7. | NATIONAL CONFECTIONERS ASSOCIATION
CHICAGO, IL
DEFRAY COST OF CONDUCTING THE ANNUAL
CONFECTIONER'S SHORT COURSE
MSN AG&LSC FOOD SCIENCE | (133-8131) | 7,000.00 |

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE LIBRARY TECHNOLOGY AND COOPERATION
GRANTS PROGRAM - JOINT USE
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AWARD # R197A80235
MSN LIBR ADMINISTRATION (144-AR47) 127,815.00
2. MULTIPLE DONORS
SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S
BOOK CENTER
MSN L&S LIB&INF ST (133-D098) 50.00
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PURCHASE OF LIBRARY MATERIALS AND SUPPLIES
MSN LIBR GEN OPERATIONS SUPP & EQ (133-F543) 150.00
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED FUND FOR ENGINEERING PUBLICATIONS
MSN ENGR PUBLICATIONS OFF (133-H271) 5,000.00
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PURCHASE OF MATERIALS IN THE HISTORY OF BOOKS
AND PRINTING AND THE HISTORY OF SCIENCE
MSN LIBR GEN OPERATIONS LIB ACQSTN (133-L236) 2,751.00
6. MUTUAL SERVICE FUND
ARDEN HILLS, MN
BOOK PURCHASE FOR U.C.C. LIBRARY
FOR THE PERIOD 11-01-88 THRU 12-31-89
MSN AG&LSC COOPTVS, U CTR (133-N555) 6,500.00

MISCELLANEOUS

1. EARNINGS ON MISC. INVESTMENTS
DAVIS, JEFFERSON--AWARD IN CONSTITUTIONAL LAW
MSN LAW LAW SCHOOL (TRUST) 175.00
2. EARNINGS ON MISC. INVESTMENTS
DAVIS, JEFFERSON--AWARD IN POLITICAL SCIENCE
MSN L&S POLITICAL SCI (TRUST) 175.00
3. VON HUMBOLDT, ALEXANDER FOUNDATION
NEW YORK, NY
AGRICULTURE AND LIFE SCIENCES--GENERAL INSTRUCTION
AND RESEARCH IMPROVEMENT
MSN AG&LSC ADMIN-DEAN & DIR (TRUST) 2,500.00
4. UPJOHN COMPANY
KALAMAZOO, MI \$ 3000.00
AGRACETUS
MIDDLETON, WI \$ 20.00
DEPARTMENT OF BACTERIOLOGY--DISCRETIONARY FUND
MSN AG&LSC BACTERIOLOGY (TRUST) 3,020.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

5.	XEROX FOUNDATION STAMFORD, CT COMPUTER SCIENCES DEPARTMENT--FACULTY DEVELOPMENT FUND #3 MSN L&S COMPUTER SCI	(TRUST)	7,500.00
6.	KELAB, INC MADISON, WI HILLDALE FUND MSN G E A UNIVERSITY ADMIN CHANCELLOR	(TRUST)	235,000.00
7.	FIRST WISCONSIN-MADISON MADISON, WI SCHORGER, A.W. TRUST SCHORGER, A.W.--WILDLIFE ECOLOGY MSN AG&LSC N R-WILDLIF ECOL	(TRUST)	11,226.96
8.	ROUNDS, WAYNE & JOAN MADISON, WI JUHL, JOHN H.--VISITING PROFESSORSHIP MSN HS-MED RADIOLOGY	(TRUST)	300.00
9.	LEAKE, CHAUNCEY D., JR. NEW YORK, NY LEAKE, CHAUNCEY D. AND ELIZABETH W.--LECTURE AND AWARD MSN HS-MED HIST OF MEDICINE HIST OF MD	(TRUST)	250.00
10.	SOWINSKI, JAMES & CAROLYN BLOOMINGTON, IN BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(TRUST)	25.00
11.	SOWINSKI, JAMES & CAROLYN BLOOMINGTON, IN RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(TRUST)	25.00
12.	SNYDER, LUCILE B. ESTATE WILMINGTON, DE SIMON, HOWARD SNYDER, HOWARD H.--CHEMISTRY DEPARTMENT MSN L&S CHEMISTRY	(TRUST)	12,000.00
13.	SMITH BARNEY OAKLAND, CA	\$ 4423.04	
	PETTIS, JOHN A. TRUSTEE OAKLAND, CA	\$ 1366.68	
	GRAY, JUNE ESTATE GRAY, NELLE JUNE--ECONOMIC POLICY MSN L&S	(TRUST)	5,789.72
14.	AGRICULTURE, DEPT OF WASHINGTON, DC TC110-5 DEVELOPMENT OF AGRICULTURAL EXTENSION PROGRAMS-SEC I AND SEC II FOR THE PERIOD 03-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$76,034.37 AWARD # 53-319R-6-053, MOD. 2 MSN AG&LSC INTL AG PRGS-ADM	(144-AF23)	1,333.94

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15.	DOD, ARMY VICKSBURG, MS INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 11-18-88 THROUGH 09-30-89 AWARD # AGR DTD 11-11-88 MSN AG&LSC PLANT PATHOLOGY	(144-AR94)	36,255.20
16.	VETERANS ADMIN MADISON, WI RADIOTHERAPY SERVICES FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # CONTRACT #V607P-1536 MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(144-AQ66)	120,980.00
17.	MULTIPLE DONORS DEPARTMENT OF ANATOMY CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED ANATOMY	(133-A377)	5.00
18.	C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	17,759.25
19.	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)	700.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY	(133-B291)	1,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR	(133-B430)	30,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM	(133-B663)	8,316.84
23.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-C796)	30,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-C932)	6,000.00

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25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAD/CAM PROGRAM MSN ENGR MECHANICAL ENGR	(133-D807)	13,000.00
26.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	2,351.22
27.	MULTIPLE DONORS WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	1,500.00
28.	MULTIPLE DONORS RESTOR PROGRAM (RESPIRATORY EDUCATION AND SERVICE THROUGH ORGANIZED RESOURCES) MSN HS-HSP ADMINISTRATION ADMIN	(133-F875)	90.00
29.	FRIENDS OF UNIVERSITY HOSPITAL & CLINICS MADISON, WI PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN	(133-G047)	3,627.61
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING PROGRAM SUPPORT MSN ENGR OPERATIONS	(133-G622)	2,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR CAREER P&P	(133-J393)	1,000.00
32.	WAUSAU INSURANCE COMPANIES WAUSAU, WI DEAN'S DISCRETIONARY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS	(133-J620)	5,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST	(133-J687)	1,500.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR DEPARTMENT OF BOTANY MSN L&S BOTANY	(133-J710)	1,500.00
35.	UNRESTRICTED FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-J718)	
	7,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	500.00 DONOHUE & ASSOCIATES, INC. SHEBOYGAN, WI		
			7,500.00

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36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS (133-J724)	1,000.00
37.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,000.00
38.	MULTIPLE DONORS CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS (133-J859)	100.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR WOMEN IN ENGINEERING MSN ENGR PRE-ENGINEERING (133-K067)	300.00
40.	MULTIPLE DONORS DISCRETIONARY ACCOUNT FOR LANDSCAPE DESIGN MSN AG&LSC NR-LANDSCAP ARCH (133-K394)	30.00
41.	DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	
	40.00 MULTIPLE DONORS	
	640.00 BASIC AMERICAN FOODS HANFORD, CA	
		680.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB (133-K748)	2,500.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLADYS B BASSETT FUND MSN EDUC PHYS ED & DANCE PHYS EDUC (133-K970)	341.00
44.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995)	345.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROSPECTIVE GRADUATE STUDENT HONORARIUMS MSN L&S CHEMISTRY (133-L057)	6,800.41
46.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN (133-L094)	155.00

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47.	MULTIPLE DONORS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	550.00
48.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	39,496.82
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MYERS & UYEHARA ENGINE FUND MSN ENGR ENGR EXPER STA I COMBUSTN	(133-L437)	1,000.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-L567)	8,000.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-L568)	15,000.00
52.	WISCONSIN RURAL DEVELOPMENT CENTER, INC. BLACK EARTH, WI RESEARCHING WAYS TO MEASURE THE SOCIAL AND ECONOMIC IMPACTS OF THE EMERGING BIOTECHNOLOGIES MSN AG&LSC RURAL SOCIOLOGY	(133-M085)	150.00
53.	LMCL COMMUNICATIONS, INC. WASHINGTON, D.C. HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY	(133-M109)	1,500.00
54.	DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION MSN L&S HISTORY	(133-M255)	
	5.55 MULTIPLE DONORS 13,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		13,005.55
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	70,000.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-M566)	130,000.00

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57.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	4,761.64
58.	C.D.O. UNIVERSITY PSYCHIATRY GROUP MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	1,152.99
59.	MULTIPLE DONORS PERITONEAL DIALYSIS PROGRAM FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-M786)	450.00
60.	INTERNATIONAL DEVELOPMENT PROGRAMS OF AUSTRALIAN UNIVERSITIES AND COLLEGES CANBERRA, AUSTRALIA AUSTRALIAN UNIVERSITIES SHORT TERM TRAINING COSTS OF PHILIPPINE SCHOLARS MSN G E A INTL STU & PROGS	(133-M835)	428.00
61.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-M860)	1,860.00
62.	MADISON CIVIC MUSIC ASSOCIATION MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS	(133-N344)	5,000.00
63.	RETRUM (JO JEAN) DANCE COMPANY MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS	(133-N345)	3,450.00
64.	URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN	(133-N411)	
	815.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	865.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			1,680.00
65.	MULTIPLE DONORS SUPPORT FOR GERIATRIC TRAINING MSN HS-MED MEDICINE GEN INT MD	(133-N505)	100.00
66.	COMPANY OF BIOLOGISTS LIMITED CAMBRIDGE, UNITED KINGDOM JOURNAL OF CELL SCIENCE, AMERICAN EDITOR MSN GRAD MOLECULAR BIOL	(133-N517)	6,000.00

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67.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI FRANK LLOYD WRIGHT & MADISON MSN L&S ELVJM MUSEUM ART	(133-N546)	3,500.00
68.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-O179)	
	58,000.00 GRADUATE SCHOOL OF BANKING MADISON, WI		
	12,288.00 CENTER FOR ADVANCED STUDIES IN BUSINESS, INC. MADISON, WI		
	500.00 HEWLETT PACKARD PALO ALTO, CA		
	7,448.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			78,236.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC	(133-O199)	10,000.00
70.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS	(133-4575)	2,000.00
71.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR	(133-5930)	3,000.00
72.	COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR OPERATIONS	(133-6370)	
	400.00 MULTIPLE DONORS		
	7,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			7,400.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH	(133-7849)	450.00
74.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM	(133-7854)	100.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-8366)	26,000.00

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76. UNIVERSITY ANESTHESIOLOGY ASSOCIATES
MADISON, WI
DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION
FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC
MSN HS-MED ANESTHESIOLOGY (133-8682) 7,425.00

PHYSICAL PLANT

1. UNIVERSITY RESEARCH PARK, INC.
MADISON, WI
RESEARCH PARK INFRASTRUCTURE
MSN GRAD ADMINISTRATION ADMIN (133-N460) 87,200.00

RESEARCH

1. ANTIOQUIA (UNIVERSITY OF)
MEDELLIN, COLUMBIA
RESEARCH AND TRAINING AGREEMENT
MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF

2. AGRIGENETICS CORPORATION
MADISON, WI
COLLABORATIVE RESEARCH AGREEMENT
MSN AG&LSC AGRONOMY

3. EARNINGS ON MISC. INVESTMENTS
PHANEUF, DUANE--MEDICAL RESEARCH
MSN HS-MED (TRUST) 70.15

4. MERCK & CO, INC
RAHWAY, NJ
STEENBOCK, HARRY AND EVELYN--CAREER ADVANCEMENT
AWARDS IN BIOCHEMISTRY
MSN AG&LSC BIOCHEMISTRY (TRUST) 10,000.00

5. MULTIPLE DONORS
COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATOLOGY (TRUST) 100.00

6. HYPERTHERMIA STUDIES RESEARCH FUND
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (TRUST)

1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
425.00 MULTIPLE DONORS

1,425.00

7. TEXAS INSTRUMENTS
DALLAS, TX
COMPUTER SCIENCES DEPARTMENT--RESEARCH ACTIVITIES
MSN L&S COMPUTER SCI (TRUST) 20,000.00

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RESEARCH

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| 8. | AMERICAN CHEMICAL SOCIETY
WASHINGTON, DC
COPE, ARTHUR C.--SCHOLAR GRANT
MSN L&S CHEMISTRY | (TRUST) | 15,000.00 |
| 9. | ACADEMIC PRESS
NEW YORK, NY
SCHOOL OF EDUCATION--WISCONSIN CENTER FOR
EDUCATION RESEARCH
MSN EDUC GENERAL ADMIN DEAN'S OFF | (TRUST) | 27.50 |
| 10. | MCARDLE LABORATORY FOR CANCER RESEARCH--
DISCRETIONARY FUND
MSN HS-MED ONCOLOGY | (TRUST) | |
| | 752.00 KESSENICH, EUNICE C. ESTATE
MIDDLETON, WI | | |
| | 500.00 UPJOHN COMPANY
KALAMAZOO, MI | | |
| | 400.00 KRUEGER, EDWARD L.
JANESVILLE, WI | | |
| | | | 1,652.00 |
| 11. | MULTIPLE DONORS
WISCONSIN CLINICAL CANCER CENTER--RESEARCH
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 1,867.00 |
| 12. | IOWA STATE UNIVERSITY
AMES, IA
PRIME CONTRACTOR WITH AGRIC
BASIC DEMOGRAPHIC METHODS: SELF INSTRUCTIONAL
PROGRAMS FOR MICROCOMPUTERS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # AGR DTD 11-08-88
MSN AG&LSC RURAL SOCIOLOGY | (144-AR16) | 19,775.00 |
| 13. | UNIVERSITY OF ILLINOIS
URBANA, IL
PRIME CONTRACTOR WITH AGRICCSRS
SYNTHETIC DEDYOIGONUCLEOTIDE-DIRECTED ANALYSIS OF
GENE CONTROL IN PHOTOSYNTHESIS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 88-37262-3384 WIS
MSN AG&LSC BACTERIOLOGY | (144-AR80) | 17,500.00 |
| 14. | AGRIC, FOREST SERVICE
MADISON, WI
ECONOMIC ANALYSIS AND FORECASTING OF CHANGES OF
PRODUCTION CAPACITY IN THE PULP AND PAPER INDUSTRY
FOR THE PERIOD 10-26-88 THROUGH 03-31-89
AWARD # FP-89-1126
MSN AG&LSC N RSRCS-FORESTRY | (144-AR76) | 8,908.00 |
| 15. | AGRIC, FOREST SERVICE
ST PAUL, MN
DEVELOPING TECHNIQUES FOR PROMOTING EARLY FLOWER-
ING IN JACK PINES
FOR THE PERIOD 04-11-88 THROUGH 09-30-91
AT A TOTAL COST OF \$37,700.00
AWARD # 23-88-05, MOD. 1
MSN AG&LSC N RSRCS-FORESTRY | (144-AG33) | 17,700.00 |

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| 16. | AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, DC
EGYPTIAN INSTRUMENTATION TECHNOLOGY AND EQUIPMENT
MANAGEMENT
FOR THE PERIOD 06-14-82 THROUGH 12-31-86
AT A TOTAL COST OF \$3,098,913.00
AWARD # NEB-0016-C-00-2036-00, MOD. 1
MSN ENGR INSTRUM SYST CTR | (144-S187) | 21,888.00 |
| 17. | MICHIGAN STATE UNIVERSITY
EAST LANSING, MI
PRIME CONTRACTOR WITH AID
WOMEN IN DEVELOPMENT TECHNICAL ASSISTANCE PROGRAM
FOR THE PERIOD 09-01-88 THROUGH 04-30-89
AWARD # AGR DTD 10-18-88
MSN AG&LSC INTL AG PRGS-ADM | (144-AQ03) | 16,279.00 |
| 18. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
LONGITUDINAL FOLLOW-UP OF VTAE GRADUATES USING
INCOME TAX DATA
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-803-150-299
MSN EDUC WIS VOC STU CTR W VOC ST C | (144-AG71) | 37,699.00 |
| 19. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
VOCATIONAL EQUITY CENTER
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-802-150-159
MSN EDUC WIS VOC STU CTR W VOC ST C | (144-AG72) | 57,986.00 |
| 20. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
ENCOURAGING NON-TRADITIONAL CAREER SELECTIONS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-807-150-159
MSN EDUC WIS VOC STU CTR W VOC ST C | (144-AG73) | 11,986.00 |
| 21. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
VOCATIONAL EDUCATOR MAGAZINE - WBVTAE 1988-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-801-150-299
MSN EDUC WIS VOC STU CTR W VOC ST C | (144-AG74) | 28,464.00 |
| 22. | WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
SINGLE PARENT PROGRAMS: TNT
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P.O. #PAI 01270
MSN EDUC WIS VOC STU CTR W VOC ST C | (144-AK79) | 50,000.00 |

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23. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
PREVOCATIONAL LITERACY
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-150-150-299
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AP19) 18,153.00
24. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
VOCATIONAL EQUITY CURRICULUM UPDATE
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-804-150-159
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AP91) 17,155.00
25. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
EFFECTS OF STRUCTURAL CHANGES AND LABOR SUPPLY
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-810-150-299
MSN AG&LSC AG ECONOMICS (144-AQ52) 27,502.00
26. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS CDC
ERGONOMIC RESEARCH
FOR THE PERIOD 09-30-88 THROUGH 05-30-89
AWARD # PO #FAI-O1744
MSN ENGR INDUSTRIAL ENGR (144-AR40) 12,000.00
27. TULANE UNIVERSITY SCHOOL OF MEDICINE
NEW ORLEANS, LA
PRIME CONTRACTOR WITH DHHS PHS HRSA
INTRAVENOUS ANTIBIOTIC STUDY: HOME VS. HOSPITAL
(PATIENT ENROLLMENT OVERESTIMATED FOR PROJECT
PERIOD)
FOR THE PERIOD 05-01-87 THROUGH 04-30-89
AT A TOTAL COST OF \$18,256.50
AWARD # AGR DTD 11/07/88, MOD. 1
MSN HS-MED PEDIATRICS (144-Z976) 28,849.50-
28. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 11-01-88 THROUGH 10-31-89
AWARD # 5 F32 CA08397-02
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AR51) 30,500.00
- 2) NMR AND MONTE CARLO STUDIES OF CATION-DNA
INTERACTIONS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 5 R01 GM34351-05
MSN L&S CHEMISTRY (144-AR87) 101,321.00

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- 3) INTERNATIONAL FELLOWSHIPS
FOR THE PERIOD 11-07-88 THROUGH 11-06-89
AWARD # 1 FO5 TWO4051-01
MSN HS-MED ONCOLOGY (144-AS03) 29,000.00
29. UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, NC
PRIME CONTRACTOR WITH DHHS PHS NIH
DEVELOPMENT NEUROBIOLOGY OF DOPAMINE SYSTEMS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # NO. 33516
MSN L&S PRIMATE RES CTR (144-AQ62) 97,856.00
30. RENSSELAER POLYTECHNIC INSTITUTE
TROY, NY
PRIME CONTRACTOR WITH DHHS PHS NIH
AGING EFFECTS ON HUMAN CRYSTALLINE LENS
PROPERTIES
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # SUBCONTRACT 5-22170(A)
MSN HS-MED OPHTHALMOLOGY (144-AR19) 31,157.00
31. DOD, AIR FORCE
BOLLING AFB, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ADDITIVITY AND AUDITORY PATTERN ANALYSIS
FOR THE PERIOD 10-01-88 THROUGH 10-31-89
AWARD # AFOSR-87-0240
MSN GRAD WAISMAN CENTER (144-AQ77) 109,933.00
- 2) CHEMICAL REACTIONS AND PROPERTIES OF ORGANOSILICON
COMPOUNDS RELATED TO NEW MATERIALS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # AFOSR-89-0004
MSN L&S CHEMISTRY (144-AR28) 243,930.00
- 3) STATE-RESOLVED COLLISIONAL ENERGY TRANSFER IN
HIGH VIBRATIONALLY EXCITED POLYATOMIC MOLECULES
FOR THE PERIOD 11-01-88 THROUGH 10-31-89
AWARD # AFOSR-89-0028
MSN L&S CHEMISTRY (144-AR53) 125,776.00
- 4) INELASTIC COLLISIONAL PROCESSES OF MOLECULES
FOR THE PERIOD 11-01-88 THROUGH 10-31-89
AWARD # AFOSR-89-0006
MSN L&S PHYSICS (144-AR54) 159,838.00
- 5) COMPUTATION AND THEORY IN NONLINEAR OPTIMIZATION
FOR THE PERIOD 11-15-88 THROUGH 11-14-89
AWARD # AFOSR-89-0058
MSN L&S CTR MATH SCI (144-AR72) 44,800.00
- 6) VORTICES IN LONG JOSEPHSON JUNCTIONS
FOR THE PERIOD 11-15-88 THROUGH 11-14-91
AWARD # AFOSR-89-0052
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AR75) 99,000.00

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32. DOD, AIR FORCE
HANSCOM AFB, MA
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF ALGORITHMS TO MEASURE
ATMOSPHERIC QUANTITIES FROM AIRCRAFT BORNE AND
GROUND BASED LIDAR
FOR THE PERIOD 04-21-88 THROUGH 09-30-89
AT A TOTAL COST OF \$150,000.00
AWARD # F19628-87-K-0056, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-AG84) 100,000.00
 - 2) CAT FORECASTING USING TRANSILIENT TURBULENCE
THEORY
FOR THE PERIOD 02-20-87 THROUGH 05-20-89
AT A TOTAL COST OF \$37,675.00
AWARD # F19628-87-K-0035, MOD. 2
MSN L&S METEOROLOGY (144-Z087) 5,050.00
33. DOD, ARMY
FREDERICK, MD
IN SUPPORT OF THE FOLLOWING:
- 1) ARMY MEDICAL IMAGING SYSTEM
FOR THE PERIOD 10-15-87 THROUGH 03-20-90
AT A TOTAL COST OF \$734,039.00
AWARD # DAMD17-88-C-8058, MOD. 2
MSN HS-MED MEDICAL PHYSICS (144-AB69) 312,586.00
 - 2) EFFECTS OF HIGH ALTITUDE HYPOXIA ON LUNG AND
CHEST WALL FUNCTION DURING EXERCISE AND SLEEP
FOR THE PERIOD 06-30-88 THROUGH 06-30-90
AT A TOTAL COST OF \$304,513.00
AWARD # DAMD17-88-C-8053, MOD. 1
MSN HS-MED PREVENTIVE MED (144-AK82) 109,448.00
 - 3) IMMUNOLOGICAL TECHNIQUES FOR DETECTION OF
FUNGAL AND DINOFLAGELLATE TOXINS
FOR THE PERIOD 05-01-86 THROUGH 04-30-89
AT A TOTAL COST OF \$509,681.00
AWARD # DAMD17-86-C-6173, MOD. 4
MSN AG&LSC FOOD MICRO&TOXIC (144-X997) 75,565.00
34. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
PHASE SELECTION AND PROCESSING OF HIGH TEMPERATURE
INTERMETALLIC ALLOYS
FOR THE PERIOD 10-01-86 THROUGH 09-30-89
AT A TOTAL COST OF \$739,860.00
AWARD # DAALO3-86-K-0164, MOD. 5
MSN ENGR MET & MIN ENGR (144-Y666) 134,600.00
35. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:

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- 1) SOME PROBLEMS IN NONLINEAR ANALYSIS
FOR THE PERIOD 12-01-87 THROUGH 11-30-89
AT A TOTAL COST OF \$100,000.00
AWARD # NO0014-88-K-0134, MOD. 1
MSN L&S CTR MATH SCI (144-AC28) 50,000.00
- 2) ELECTRON SPECTROSCOPY STUDIES OF
METAL-SEMICONDUCTOR INTERFACES AND HIGH
TEMPERATURE SUPERCONDUCTORS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # NO0014-89-J-2079
MSN L&S PHYSICS (144-AQ89) 74,766.00
- 3) STUDIES OF NUCLEATION AND GROWTH AT SEMICONDUCTOR-
SEMICONDUCTOR AND SEMICONDUCTOR-METAL INTERFACES
FOR THE PERIOD 06-01-81 THROUGH 09-30-89
AT A TOTAL COST OF \$748,414.00
AWARD # NO0014-81-K-0718, MOD. 9
MSN ENGR MET & MIN ENGR (144-R284) 103,000.00
36. UNIVERSITY OF CALIFORNIA - SANTA BARBARA
SANTA BARBARA, CA
PRIME CONTRACTOR WITH DOD NAVY
HIGH TEMPERATURE NIOBIUM ALLOYS
FOR THE PERIOD 03-15-88 THROUGH 03-14-89
AWARD # VB55107-0
MSN ENGR MET & MIN ENGR (144-AR55) 65,091.00
37. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) EXPERIMENTAL INVESTIGATION OF ICRF EFFECTS
FOR THE PERIOD 10-16-88 THROUGH 10-15-89
AWARD # DE-FG02-88ER53264
MSN ENGR NUC ENGR&E PHYSC (144-AN46) 1,735,000.00
 - 2) EXPERIMENTAL AND THEORETICAL
HIGH ENERGY PHYSICS
FOR THE PERIOD 04-01-60 THROUGH 12-31-88
AT A TOTAL COST OF \$60,601,876.00
AWARD # DE-AC02-76ERO0881, MOD. 42
MSN L&S PHYSICS (144-E164) 1,070,000.00
 - 3) LIQUID HELIUM FLUID DYNAMICS STUDIES
FOR THE PERIOD 09-01-86 THROUGH 05-31-89
AT A TOTAL COST OF \$450,000.00
AWARD # DE-AC02-86ER40306, MOD. 3
MSN ENGR NUC ENGR&E PHYSC (144-Y503) 70,000.00
38. FERMI NATIONAL ACCELERATOR LABORATORY
BATAVIA, IL
PRIME CONTRACTOR WITH DOE
FERMILABS SUPERCONDUCTING WIRE PROGRAM
FOR THE PERIOD 10-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$97,349.65
AWARD # PO #898300, MOD. 1
MSN ENGR ENGR EXPER STA SUPERCONDT (144-AB54) 57,399.65

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39. LAWRENCE LIVERMORE NATIONAL LABORATORY
LIVERMORE, CA
PRIME CONTRACTOR WITH DOE
INERTIAL CONFINEMENT FUSION TECHNOLOGY
FOR THE PERIOD 10-01-86 THROUGH 09-30-89
AT A TOTAL COST OF \$124,655.00
AWARD # 1456003, MOD. 2
MSN ENGR ENGR EXPER STA FUSION TEC (144-Z170) 50,000.00
40. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH INTER
ANALYSIS OF WET-SIDE ACID DEPOSITION SAMPLES FOR
DNR-NADP PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # PD #NRI 91709
MSN L&S LIMNOLOGY CTR (144-AR96) 3,000.00
41. UNIVERSITIES SPACE RESEARCH ASSOCIATION
HOUSTON, TX
PRIME CONTRACTOR WITH NASA
UNIVERSITY ADVANCED DESIGN PROGRAM
FOR THE PERIOD 08-15-88 THROUGH 06-15-89
AWARD # AGR DTD 09/08/88
MSN ENGR ENGR MECHANICS (144-AR84) 22,484.00
42. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 04-15-89
AT A TOTAL COST OF \$10,414,601.00
AWARD # NAS5-24487, MOD. 54
MSN GRAD SPACE SCI&ENG CT (144-L324) 450,000.00
- 2) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER
FOR THE PERIOD 03-10-80 THROUGH 08-06-89
AT A TOTAL COST OF \$5,983,372.00
AWARD # NAS5-26078, MOD. 23
MSN GRAD SPACE SCI&ENG CT (144-P296) 193,000.00
43. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE
CONSTITUTION AND THE BILL OF RIGHTS
FOR THE PERIOD 07-01-87 THROUGH 06-30-89
AT A TOTAL COST OF \$105,000.00
AWARD # RE-20632-87, MOD. 4
MSN L&S HISTORY (144-Z264) 2,500.00
- 2) THE CREATION OF A DICTIONARY OF OLD SPANISH:
THE COMPLETION OF THE DICTIONARY OF
ALFONSINE PROSE
FOR THE PERIOD 07-01-87 THROUGH 06-30-89
AT A TOTAL COST OF \$277,959.00
AWARD # RT-20804-87, MOD. 1
MSN L&S SPANISH & PORT (144-Z480) 11,000.00

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44. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) A STUDY OF TISSUE- ONTOGENETIC- AND ENVIRONMENTAL SPECIFICITY OF GIBBERELLIN BIOSYNTHESIS MUTANTS IN PISUM SATIVUM FOR THE PERIOD 05-01-88 THROUGH 10-31-89
AWARD # DCB-8718540
MSN AG&LSC AGRONOMY (144-AG29) 98,000.00
 - 2) HIGH FIELD NMR RELAXATION STUDIES OF MOLECULAR STRUCTURE AND DYNAMICS IN SOLUTION FOR THE PERIOD 04-15-88 THROUGH 09-30-89 AT A TOTAL COST OF \$116,300.00
AWARD # CHE-8802373, MOD. 1
MSN L&S CHEMISTRY (144-AG53) 25,000.00
 - 3) PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AT A TOTAL COST OF \$55,000.00
AWARD # DCB-8857124, MOD. 1
MSN GRAD MOLECULAR BIOL (144-AM54) 30,000.00
 - 4) SCALE INTERACTION OF DEEP CUMULUS WITH CONVECTIVELY DRIVEN WEATHER SYSTEMS FOR THE PERIOD 10-15-88 THROUGH 03-31-90
AWARD # ATM-8805460
MSN L&S METEOROLOGY (144-AN44) 65,250.00
 - 5) HISTORY OF CARTOGRAPHY FOR THE PERIOD 11-15-88 THROUGH 10-31-89
AWARD # SES-8812674
MSN L&S GEOGRAPHY (144-AQ01) 60,000.00
 - 6) U.S.-SPAIN PROGRAM IN COMPLEX ANALYSIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # INT-8619492
MSN L&S MATHEMATICS (144-AR38) 7,200.00
 - 7) DNA/DNA HYBRIDIZATION STUDIES OF MARSUPIALS FOR THE PERIOD 11-15-88 THROUGH 10-31-89
AWARD # BSR-8808150
MSN L&S ZOOLOGY (144-AR57) 70,000.00
 - 8) BIOCHEMICAL AND MOLECULAR ANALYSIS OF MUTATIONS CAUSED BY TRANSPOSABLE ELEMENT INSERTIONS IN THE BZ LOCUS OF MAIZE FOR THE PERIOD 10-15-88 THROUGH 09-30-89
AWARD # DMB-8811036
MSN AG&LSC GENETICS (144-AR73) 90,108.00
 - 9) DOCTORAL DISSERTATION RESEARCH FOR THE PERIOD 11-15-88 THROUGH 10-31-90
AWARD # BSR-8815173
MSN L&S BOTANY (144-AR74) 15,225.00

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- 10) CONTINUED INVESTIGATION OF LOW INTENSITY EMISSION
LINES FROM THE INTERSTELLAR MEDIUM
FOR THE PERIOD 11-15-88 THROUGH 10-31-90
AWARD # AST-8813467
MSN L&S PHYSICS (144-AR99) 190,000.00
- 11) SYNTHETIC AND MECHANISTIC STUDIES OF
ORGANOMETALLOIDS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # CHE-8814876
MSN L&S CHEMISTRY (144-AS01) 102,536.00
- 12) HIGH PRECISION RADIAL VELOCITY STUDY OF YOUNG
STARS
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AWARD # AST-8814986
MSN L&S ASTRONOMY (144-AS04) 97,800.00
- 13) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
FOR THE PERIOD 07-01-86 THROUGH 12-31-89
AT A TOTAL COST OF \$144,940.00
AWARD # MSM-8552486, MOD. 5
MSN ENGR ENGR MECHANICS (144-Y095) 20,000.00
- 14) STUDIES OF ELECTROGENERATIVE PROCESSES OF PROMISE
FOR THE PERIOD 12-01-86 THROUGH 05-31-90
AT A TOTAL COST OF \$257,760.00
AWARD # CBT-8612866, MOD. 3
MSN ENGR CHEMICAL ENGR (144-Y725) 79,800.00
- 15) STRUCTURE AND DYNAMICS OF POLYATOMIC GAS
PHASE MOLECULE PLUS METAL REACTIONS
FOR THE PERIOD 05-01-87 THROUGH 10-31-89
AT A TOTAL COST OF \$242,750.00
AWARD # CHE-8703076, MOD. 2
MSN L&S CHEMISTRY (144-Z303) 30,000.00
- 16) INTER- AND INTRA-ANNUAL VARIABILITY IN AN
INTERACTIVE OCEAN-ATMOSPHERIC CLIMATE SYSTEM
FOR THE PERIOD 07-15-87 THROUGH 12-31-89
AT A TOTAL COST OF \$185,800.00
AWARD # ATM-8709552, MOD. 1
MSN L&S METEOROLOGY (144-Z699) 92,900.00
45. VETERANS ADMIN
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED
FLUOROMETHANE
FOR THE PERIOD 01-24-83 THROUGH 12-31-88
AWARD # 607/D4C398, MOD. 23
MSN HS-MED MEDICAL PHYSICS (144-S852) 5,200.63
- 2) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT
FOR THE PERIOD 10-01-86 THROUGH 12-21-88
AT A TOTAL COST OF \$48,317.05
AWARD # AGR DTD 10-14-86, MOD. 5
MSN HS-MED MEDICINE GEN INT MD (144-Y695) 5,215.48

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46.	VETERANS ADMIN MILWAUKEE, WI SENSORY SUBSTITUTION IN INSENSATE HANDS AND FEET FOR THE PERIOD 10-01-86 THROUGH 12-31-88 AT A TOTAL COST OF \$245,975.00 AWARD # V695P-2906, MOD. 3 MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Y844)	29,775.00
47.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CANCER SURGERY-RESEARCH EQUIPMENT FOR THE PERIOD 10-01-88 THROUGH 06-30-91 MSN GRAD MEDICAL SCHOOL SURGERY (135-0011)	30,000.00
48.	WISCONSIN ALUMNI RESEARCH FOUNDATION WISCONSIN CLINICAL CANCER CENTER SUPPORT MSN HS-MED HUMAN ONCOLOGY UWCC CENTE (135-0038)	10,000.00
49.	ROGERS FOODS TURLOCK, CA DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE (133-A103)	960.00
50.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	110.00
51.	PRINCETON ONE FUND INCORPORATED PRINCETON, WI HEART RESEARCH MSN HS-MED (133-A252)	1,100.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY NUCL MED (133-A529)	98,800.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REHABILITATION MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED REHABIL MEDICINE (133-A535)	5,000.00
54.	UNIROYAL CHEMICAL COMPANY CHAMPAIGN, IL POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC HANCOCK RES STA (133-C235)	1,000.00
55.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA SOLAR ENRG (133-C535)	100.00
56.	MULTIPLE DONORS PHYSIOLOGICAL ASPECTS OF WEED GROWTH AND CONTROL MSN AG&LSC AGRONOMY (133-DO44)	231.94

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57.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	1,850.00	RORER FORT WASHINGTON, PA	
	1,372.82	ABBOTT LABORATORIES NORTH CHICAGO, IL	
			3,222.82
58.	TECHNICON INSTRUMENTS CORPORATION MIDDLETOWN, VA DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	3,761.00
59.	INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE	INFECT DIS (133-D837)	
	250.00	MULTIPLE DONORS	
	500.00	GLAXO PHARMACEUTICALS RESEARCH TRIANGLE PARK, NC	
			750.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-E273)	33,000.00
61.	THE UPJOHN COMPANY KALAMAZOO, MI STUDY SELECTED WISCONSIN CALF HOUSING SYSTEMS AND MANAGEMENT MSN AG&LSC DAIRY SCIENCE	(133-E364)	3,350.00
62.	MULTIPLE DONORS HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-E770)	40.00
63.	ABLEX PUBLISHING CORPORATION NORWOOD, NJ EDITORIAL SUPPORT FOR "LIBRARY RESEARCH": AN INTERNATIONAL JOURNAL MSN L&S LIB&INF ST	(133-E910)	1,500.00
64.	MARK F. CONRAD MILWAUKEE, WI ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE	HEMATOLOGY (133-E923)	500.00
65.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	10.00

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66.	MERCK SHARPE AND DOHME RAHWAY, NJ DESIGNING AND SYNTHESIZING NEW CLASSES OF COMPOUNDS THAT INHIBIT THERAPEUTICALLY IMPORTANT ENZYMES BY TRANSITION STATE ANALOG MECHANISMS MSN HS-PHR PHARMACY (133-E965)	25,000.00
67.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S (133-FO69)	450.00
68.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-F119)	2,535.62
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRACTICAL REACTION ENGINEERING MSN ENGR CHEMICAL ENGR (133-F201)	1,000.00
70.	FOXBORO COMPANY FOXBORO, MA MICROSENSOR TECHNOLOGY MSN ENGR ELEC & COM ENGR ELEC&COMP (133-F261)	22,000.00
71.	FOUNDATION FOR INTERNATIONAL SCIENTIFIC COOPERATION MADISON, WI PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED (133-F298)	4,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ASSISTANCE MSN L&S ECONOMICS (133-F325)	1,000.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 3M POLYMER RESEARCH MSN ENGR CHEMICAL ENGR (133-F377)	4,000.00
74.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY (133-F535)	1,000.00
75.	MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI (133-F663)	
	1,500.00 EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY	
	11,495.00 SYNTROVET LENEXA, KS	
		12,995.00

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76.	MULTIPLE DONORS PROPHYLAXIS OF RECURRENT URINARY TRACT INFECTIONS IN ELDERLY MEN MSN HS-MED MEDICINE	GEN INT MD	(133-F701)	200.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN		(133-F778)	9,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAY C. LYONS MEMORIAL FUND FOR GRADUATE STUDENT RESEARCH MSN HS-PHR PHARMACY		(133-F933)	10,000.00
79.	RMT, INC. MADISON, WI APPLIED WATER POLLUTION RESEARCH CONSORTIUM MSN ENGR CIVIL & ENV ENGR		(133-F935)	2,000.00
80.	ROBERT M. BURTON CINCINNATI, OH PLASMA RESEARCH MSN L&S PHYSICS		(133-F966)	970.53
81.	MULTIPLE DONORS ANATOMICAL RESEARCH MSN HS-MED SURGERY		(133-G101)	300.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	CARDIOLOGY	(133-G105)	20,000.00
83.	AMERICAN LUNG ASSOCIATION OF WISCONSIN MILWAUKEE, WI PLASMA AND TISSUE FIBRONECTIN IN ACUTE LUNG INJURY FOR THE PERIOD 07-01-83 THRU 06-30-89 (REDUCTION REFLECTS MUTUAL AGREEMENT BETWEEN AGENCY AND PROJECT DIRECTOR) MSN HS-MED MEDICINE	PULMON MED	(133-G368)	2,070.00-
84.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY		(133-G648)	2,167.53
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISTRIBUTED AMPLIFIERS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP		(133-G655)	4,000.00
86.	BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE		(133-G729)	
	3,125.00	NOBA, INC. TIFFIN, OH		
	12,025.00	21ST CENTURY GENETICS SHAWANO, WI		
				15,150.00

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87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G813)	1,200.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HUMAN ONCOLOGY DEVELOPMENT MSN HS-MED HUMAN ONCOLOGY	(133-G829)	56.61
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLIMATE FORECAST PROJECT MSN ENV ST CTR FOR CLIM RES	(133-G844)	22,850.00
90.	MULTIPLE DONORS CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	54.00
91.	MADISON METROPOLITAN SEWERAGE DISTRICT MADISON, WI EFFECT OF FIELD-SCALE LAND APPLIED SLUDGE CONTAINING PCB'S ON CROPS AND SOILS MSN AG&LSC SOIL SCIENCE	(133-H383)	15,400.00
92.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIOTHORACIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY THORACIC S	(133-H761)	39,535.00
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY GEN SURG	(133-H762)	109,493.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY NEUROSURG	(133-H763)	12,355.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY DENT&P SRG	(133-H766)	22,263.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY GENERAL EXPENDITURES MSN HS-MED PSYCHIATRY	(133-H770)	8,394.00
97.	MULTIPLE DONORS OBESITY STUDY: PHASE II MSN VET M MEDICAL SCIENCES	(133-H778)	1,500.00

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98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUNDS FOR ENGINEERING MINORITY PROGRAM MSN ENGR MINORITIES ENGR (133-H821)	4,000.00
99.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY (133-H856)	5,791.83
100.	STERLING-WINTHROP RESEARCH INSTITUTE RENSSELAER, NY PROSPECTIVE, THREE MONTH RANDOMIZED PHASE III INVASIVE HEMODYNAMIC STUDY OF ORAL MILRINONE AND DIGOXIN IN PATIENTS WITH MODERATE CONGESTIVE HEART FAILURE "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-H914)	6,675.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THIN FILM DEPOSITION AND APPLICATIONS PROGRAMS MSN ENGR ENGR EXPER STA MATERLS SC (133-H916)	9,000.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OCULAR COMPLICATIONS OF DIABETES RESEARCH MSN HS-MED OPHTHALMOLOGY (133-H924)	4,000.00
103.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY (133-H941)	1,125.00
104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR ENGR MECHANICS (133-J102)	8,000.00
105.	MULTIPLE DONORS RESEARCH DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-J688)	396.25
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ENGR EXPER STA PLASMA ERC (133-J808)	25,000.00
107.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ EVALUATION OF SAFETY AND EFFICACY OF PY108-068, COMPOUND WITH PLACEBO, IN PATIENTS WITH STABLE BRONCHIAL ASTHMA AT REST AND DURING EXERCISE- INDUCED BRONCHOSPASM MSN HS-MED MEDICINE ALLRGY&IMM (133-J877)	15,133.00

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108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS	(133-J931)	2,000.00
109.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE	(133-J974)	8,000.00
110.	DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	
	120.00 MULTIPLE DONORS 2,000.00 CITY OF COLBY COLBY, WI		
			2,120.00
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NUCLEAR REACTOR SAFETY MSN ENGR NUC ENGR&E PHYSC	(133-K166)	8,000.00
112.	AMERICAN CYANAMID COMPANY PRINCETON, NJ EFFICACY OF RECOMBINANT BOVINE SOMATOTROPIN INJECTED DAILY IN LACTATING DAIRY COWS AT THREE DOSAGE LEVELS "CLIN" MSN AG&LSC DAIRY SCIENCE	(133-K206)	11,612.00
113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	528.18
114.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF AZELASTINE, CONTROLLED RELEASE THEOPHYLLINE AND COMBINED AZELASTINE-THEOPHYLLINE THERAPY IN THE MANAGEMENT OF PATIENTS WITH NONSTERIOD DEPENDENT BRONCHIAL ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-K437)	6,250.00
115.	WEYERHAEUSER COMPANY TACOMA, WA A MODEL FOR THE TENSILE STRENGTH BEHAVIOR OF WOOD CONTAINING NONIDEALIZED GROWTH CHARACTERISTICS MSN ENGR CIVIL & ENV ENGR	(133-K502)	5,000.00
116.	AMOCO CORPORATION NAPERVILLE, IL METHANE MONOOXYGENASE: KINETICS AND REACTION MECHANISM MSN GRAD ENZYME INSTITUTE	(133-K509)	126,975.00

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117.	WILLIAM E. MCGUIRK JR. MADISON, WI CANINE ORTHOPEDIC RESEARCH MSN VET M SURGICAL SCI	(133-K816)	1,000.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR	(133-K849)	20,000.00
119.	INTERNATIONAL UNION FOR THE SCIENTIFIC STUDY OF POPULATION LIEGE, BELGIUM SOCIAL STRATIFICATION RESEARCH FUND FOR THE PERIOD MSN L&S SOCIOLOGY	(133-K855)	672.00
120.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ ENALAPRIL VS PLACEBO IN CHRONIC CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE	CARDIOLOGY (133-L054)	60,000.00
121.	BRISTOL-MYERS EVANSVILLE, IN EFFICACY OF TRANZODONE IN THE TREATMENT OF FIBROSITIS "CLIN" MSN HS-MED NEUROLOGY	(133-L224)	4,700.00
122.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC COMPARISON OF SEVERAL INHALER COMBINATIONS IN ADULTS WITH CHRONIC ASTHMA AWARD # SAL-503 MSN HS-MED MEDICINE	ALLRGY&IMM (133-L243)	3,375.00
123.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PATIENTS WITH PERIPHERAL SYMMETRICAL POLYNEUROPATHY "CLIN" AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	(133-L250)	63,000.00
124.	WINSTON FOUNDATION FOR WORLD PEACE BOSTON, MA WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL MSN LAW LAW SCHOOL	(133-L291)	15,000.00
125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "PILOT PET SCANNING IN OBSESSIVE-COMPULSIVE DISORDER" MSN HS-MED PSYCHIATRY	(133-L307)	5,000.00
126.	ELIZABETH ELSEER DOOLITTLE CHARITABLE TRUST MILWAUKEE, WI ASPECTS OF EXPERIMENTAL MYELINATION OF THE SPINAL CORD AND ITS RELATIONSHIP TO MULTIPLE SCLEROSIS MSN VET M MEDICAL SCIENCES	(133-L333)	15,000.00

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127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS	(133-L386)	17,000.00
128.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY "CLIN" MSN AG&LSC BIOCHEMISTRY	(133-L488)	525.00
129.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAVE) FOLLOWING MYOCARDIAL INFARCTION: EFFECT OF CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE	CARDIOLOGY (133-L626)	25,000.00
130.	XOMA CORPORATION BERKELEY, CA MULTICENTER TRIAL TO DETERMINE THE SAFETY AND EFFICACY OF ANTIENDOTOXIN ANTIBODY XMMEN-OES IN THE TREATMENT OF PATIENTS WITH SUSPECTED GRAM- NEGATIVE BACTEREMIA OR ENDOTOXEMIA "CLIN" MSN HS-MED MEDICINE	PULMON MED (133-L811)	750.00
131.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESPONSE STUDY COMPARING THE EFFICACY AND SAFETY OF 2.5 MG, 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVEN ONCE DAILY IN PATIENTS WITH STABLE ANGINA PECTORIS DUE TO CORONARY HEART DISEASE (P 57 P 5 T 10) "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-L892)	13,598.00
132.	BASIC AMERICAN FOODS HANFORD, CA PLANT BREEDING MSN AG&LSC HORTICULTURE	(133-L903)	15,360.00
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPARATIVE EVALUATION OF MRI IMAGING AND ULTRASOUND MSN HS-MED RADIOLOGY	DIAGNOSTIC (133-L961)	2,000.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L969)	5,000.00
135.	STUART PHARMACEUTICALS WILMINGTON, DE ICI 176, 334 IN PATIENTS WITH ADVANCED PROSTATIC CARCINOMA "CLIN" MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-L975)	10,500.00

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136.	ADRIA LABORATORIES COLUMBUS, OH TOREMIFENE: PHASE 1 TOLERANCE, PHARMACODYNAMICS, PHARMACOKINETICS "CLIN" AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-M018)	32,445.13
137.	DUPONT WILMINGTON, DE UW BIOPROCESS AND METABOLIC ENGINEERING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR ENGR BIOTE (133-M124)	10,000.00
138.	MULTIPLE DONORS LARGE ANIMAL SURGERY MSN VET M SURGICAL SCI (133-M234)	200.00
139.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI WORLDWIDE INFORMATION AND TECHNOLOGY EXCHANGE PROGRAM FOR THE PERIOD 07-01-87 THRU 06-30-89 AWARD # 2751/075 MSN AG&LSC DAIRY RESEARCH,C (133-M259)	100,000.00
140.	SANDOZ PHARMACEUTICALS CORPORATION EAST HANOVER, NJ INTERNATIONAL HEMATOLOGY CONFERENCE MSN HS-MED PEDIATRICS (133-M271)	3,000.00
141.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRIC CARDIOLOGY MSN HS-MED PEDIATRICS (133-M276)	7,000.00
142.	DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI POLYMER PROCESSING CONSORTIUM MSN ENGR MECHANICAL ENGR (133-M280)	3,500.00
143.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF THE SAFETY AND EFFICACY OF CONTROLLED-RELEASE NAPROXEN 500 MG BID IN PATIENTS WITH OSTEOARTHRITIS "CLIN" MSN HS-MED MEDICINE RHEUMATOL (133-M288)	4,500.00
144.	HOECHST-ROUSSEL PHARMACEUTICALS INC. SOMERVILLE, NJ ENDOCRINE PATIENT CARE, TEACHING, AND RESEARCH FUND AWARD # HOE 766 MSN HS-MED PEDIATRICS (133-M301)	2,000.00
145.	APPLE COMPUTER CORPORATION CUPERTINO, CA APPLE COMPUTER 1988 CONSULTATION PROJECT MSN GRAD WAISMAN CENTER (133-M380)	15,000.00

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146.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IN VIVO SODIUM MRI IN A CANINE MODEL OF STATUS EPILEPTICUS MSN HS-MED RADIOLOGY	DIAGNOSTIC (133-M388)	4,300.00
147.	CIBA-GEIGY CORPORATION BASEL, SWITZERLAND A RANDOMIZED STUDY TO EVALUATE MLV-MTP-PE COMBINED WITH SURGERY AND CHEMOTHERAPY IN CANINE OSTEOSARCOMA MSN VET M MEDICAL SCIENCES	(133-M515)	18,917.00
148.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN NIZATIDINE VS. CIMETIDINE (Q.I.D.) IN ACUTE DUODENAL ULCER DISEASE (PROTOCOL B5Q-MC-NBAY (A), IND 18975 "CLIN" MSN HS-MED MEDICINE	GASTROENT (133-M575)	470.00
149.	BOEHRINGER INGELHEIM PHARMACEUTICALS THE WOODLAND, TX A 90-DAY PARALLEL GROUP COMPARISON OF INHALED IPRATROPIUM (ATROVENT) AND PLACEBO IN THE MAINTENANCE TREATMENT OF PATIENTS WITH ASTHMA "CLIN" MSN HS-MED MEDICINE	ALLRGY&IMM (133-M759)	10,200.00
150.	SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-M792)	
	1,000.00 KRAFT ASHEVILLE, NC		
	2,000.00 WISCONSIN AGRICULTURAL & LIFE SCIENCES ALUMNI ASSOCIATION INC. MADISON, WI		
			3,000.00
151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF SURGICAL ONCOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ONCOLOGY (133-M810)	6,384.00
152.	SOIL FERTILITY STUDIES MSN AG&LSC SOIL SCIENCE	(133-M834)	
	6,700.00 WISCONSIN POWER AND LIGHT COMPANY MADISON, WI		
	3,000.00 WISCONSIN POWER AND LIGHT CO. MADISON, WI		
			9,700.00

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153.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED DOSE-RANGING STUDY OF THE EFFICACY AND SAFETY OF TWICE-DAILY INTRANASAL ADMINISTRATION OF AQUEOUS FLUTICASON PROPIONATE IN ADULT PATIENTS WITH SEASONAL ALLERGIC RHINITIS "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM (133-M956)	16,646.25
154.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRIC REHABILITATION MSN HS-MED PEDIATRICS (133-M961)	899.00
155.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI STUDY OF STATE EFFORTS TO PROMOTE LONG TERM CARE INSURANCE FOR THE PERIOD 01-01-88 THRU 06-30-89 MSN ENGR ENGR EXPER STA HLTH SYS'S (133-M988)	35,792.00
156.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BADGER CHEMIST FUND MSN L&S CHEMISTRY (133-N003)	6,200.00
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOIS G. NEMEC DISTINGUISHED ALUMNI AWARD MSN EDUC GENERAL ADMIN DEAN'S OFF (133-N060)	28.00
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATHAN SMITH FELLOWSHIP IN ADOLESCENT/SPORTS MEDICINE MSN HS-MED PEDIATRICS (133-N073)	3,152.19
159.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI ECONOMIC BENEFITS OF INCREASING THE QUALITY OF MILK USED FOR CHEESE IN WISCONSIN FOR THE PERIOD 07-01-88 THRU 06-30-90 AWARD # WMMB 88-50 MSN AG&LSC AG ECONOMICS (133-N086)	171,500.00
160.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS FOR THE PERIOD 07-14-88 THRU 12-31-88 AT A \$2,430 LEVEL AWARD # NRH97212 MSN L&S BOTANY (133-N118)	1,620.00
161.	TRITON BIOSCIENCES, INC. ALAMEDA, CA CLINICAL INTERFERON RESEARCH FOR THE PERIOD 08-01-88 THRU 07-31-89 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-N128)	380,046.00

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| 162. | RIKER LABORATORIES, INC.
ST PAUL, MN
SINGLE-DOSE DURATION OF ACTION COMPARATIVE STUDY
OF PIRBUTEROL AND PLACEBO "CLIN"
MSN HS-MED MEDICINE ALLRGY&IMM (133-N130) | 36,140.20 |
| 163. | ICI AMERICAS, INC.
WILMINGTON, DE
PHARMACOLOGY OF CARDIOPULMONARY TISSUES
MSN HS-MED ANESTHESIOLOGY (133-N239) | 5,000.00 |
| 164. | MARION LABORATORIES INC.
KANSAS CITY, MO
"DOSE RANGING EVALUATION OF DILTIAZEM
HYDROCHLORIDE SUSTAINED RELEASE CAPSULES VERSUS
PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA
PECTORIS" "CLIN"
MSN HS-MED MEDICINE CARDIOLOGY (133-N277) | 29,376.00 |
| 165. | INTERNATIONAL CLINICAL RESEARCH CORPORATION
LA MESA, CA
THE USE OF ALPIDEM IN PATIENTS WITH GENERALIZED
ANXIETY DISORDER
MSN HS-PSY PSYCHIATRIC INST (133-N297) | 16,980.00 |
| 166. | AMERICAN COLLEGE OF VETERINARY SURGEONS
UNIVERSITY OF ILLINOIS
URBANA, IL
INVESTIGATION OF THE USE OF SUPEROXIDE DISMUTASE
(SOD) AND POLYETHYLENE GLYCOL - SOD FOR THE
PREVENTION OF REPERFUSION INJURY FOLLOWING
GASTRIC DILATATION/VOLVULUS IN THE DOG FOR THE
PERIOD OF 09-15-88 THROUGH 09-15-89
MSN VET M SURGICAL SCI (133-N435) | 7,515.00 |
| 167. | ONTARIO CENTRE FOR MATERIALS RESEARCH
LONDON, ONTARIO, CANADA
DESIGN AND BUILD DOUBLE CRYSTAL MONOCHROMATOR
FOR THE PERIOD 03-06-88 THRU 12-31-89
AWARD # P.O. 746297
MSN GRAD PHY SCIENCES LAB (133-N444) | 207,725.00 |
| 168. | LILLY RESEARCH LABORATORIES
INDIANAPOLIS, IN
TESTING THE EFFECT OF LY163502 ON MALE SEXUAL
BEHAVIORAL IN RHESUS MONKEY'S
MSN L&S PRIMATE RES CTR (133-N479) | 30,067.00 |
| 169. | SOLVAY VETERINARY, INC.
PRINCETON, NJ
DEVELOPMENT OF A LIPOSOME-CPV-2 VACCINE FOR ACTIVE
IMMUNIZATION OF PASSIVELY IMMUNE DOGS
MSN VET M PATHOBIOLOGCL SCI (133-N489) | 10,000.00 |
| 170. | CYSTIC FIBROSIS FOUNDATION
BETHESDA, MD
DEMONSTRATION EDUCATION OUTREACH PROGRAM GRANT
FOR THE PERIOD 09-01-88 THRU 08-31-89
AWARD # Z47-9-1
MSN HS-MED MEDICINE PULMON MED (133-N494) | 5,000.00 |

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171.	BOOTS COMPANY (USA), INC. LINCOLNSHIRE, IL BP1-919-A MULTI-CENTER, DOUBLE-BLIND, PLACEBO- CONTROLLED STUDY OF FLOSEQUINAN IN CONGESTIVE HEART FAILURE PATIENTS MSN HS-MED MEDICINE	CARDIOLOGY (133-N498)	12,116.67
172.	COUNCIL ON LIBRARY RESOURCES WASHINGTON, DC MEASUREMENT AND EVALUATION OF LIBRARY REFERENCE SERVICE FOR THE PERIOD 10-07-88 THRU 10-01-89 AWARD # CLR 4046 MSN L&S LIB&INF ST	(133-N502)	5,605.00
173.	HOECHST CELANESE RESEARCH DIVISION SUMMIT, NJ INVISCID MELT SPINNING OF OUR PROPRIETARY CERAMIC OXIDE COMPOSITION MSN ENGR CHEMICAL ENGR	(133-N503)	1,802.00
174.	LI-COR, INC. LINCOLN, NE MEASUREMENTS AND MODELING IN ENVIRONMENTAL BIOPHYSICS MSN AG&LSC SOIL SCIENCE	(133-N504)	5,000.00
175.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-N506)	400.00
176.	SPENCER FOUNDATION CHICAGO, IL INCREASING THE SCHOOL ACHIEVEMENT OF LOW-INCOME MINORITY CHILDREN THROUGH IMPROVED HOME-SCHOOL- UNIVERSITY COLLABORATION MSN EDUC WIS CTR EDUC RES	(133-N514)	272,000.00
177.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRESIDENTIAL YOUNG INVESTIGATOR AWARD MATCHING FUNDS MSN ENGR CHEMICAL ENGR	(133-N515)	10,000.00
178.	PLOUGHSHARES FUND SAN FRANCISCO, CA WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL FOR THE PERIOD 08-16-88 THRU 08-15-89 MSN LAW LAW SCHOOL	(133-N516)	15,000.00
179.	PFIZER, INC. NEW YORK, NY MODERN APPROACH TO THE TREATMENT OF HYPERTENSION MULTICENTER STUDY MSN HS-MED PHARMACOLOGY	(133-N521)	11,500.00

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180.	WISCONSIN EDUCATION ASSOCIATION COUNCIL MADISON, WI WISCONSIN EDUCATION ASSOCIATION COUNCIL-PROJECT ASSISTANTSHIP FOR THE PERIOD 10-16-88 THRU 08-31-89 MSN L&S IND REL RES INST (133-N525)	8,785.00
181.	TROUT UNLIMITED VIENNA, VA THE MANAGEMENT OF "SPECIAL" TROUT STREAM SYSTEMS IN THE U.S. - AN ANALYSIS OF STATE EXPERIENCE MSN L&S URBAN & REG PLAN (133-N526)	500.00
182.	WTVT TELEVISION TAMPA, FL MAN-COMPUTER INTERACTIVE DATA ACCESS SYSTEM AWARD # P.O. 6524 MSN GRAD SPACE SCI&ENG CT (133-N527)	327,801.00
183.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UTILIZATION OF PINE CONES MSN AG&LSC N RSRCs-FORESTRY (133-N529)	20,000.00
184.	AMERICAN ECONOMIC ASSOCIATION NASHVILLE, TN COMMISSION ON GRADUATE EDUCATION IN ECONOMICS MSN L&S ECONOMICS (133-N531)	48,310.00
185.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 10-17-88 THRU 12-31-89 AWARD # 88-11 SCHELLER MSN ENGR CIVIL & ENV ENGR (133-N532)	1,050.00
186.	MULTIPLE DONORS LIVESTOCK-INTERNATIONAL DEVELOPMENT MSN VET M ADM-RES& GRAD TR ADM-RES&GR (133-N533)	100.00
187.	CYSTIC FIBROSIS FOUNDATION BETHESDA, MD PULMONARY BENEFITS OF CYSTIC FIBROSIS NEONATAL SCREENING FOR THE PERIOD 08-01-88 THRU 07-31-89 AWARD # A025 9-1 MSN HS-MED PEDIATRICS (133-N534)	138,393.00
188.	PACKARD (DAVID AND LUCILE) FOUNDATION LOS ALTOS, CA DAVID AND LUCILE PACKARD FOUNDATION FELLOWSHIP FOR THE PERIOD 11-01-88 THRU 10-31-93 MSN L&S COMPUTER SCI (133-N536)	500,000.00
189.	MALLINCKRODT INSTITUTE OF RADIOLOGY ST. LOUIS, MO SALARY SUPPORT FOR UW MEDICAL PHYSICS GRADUATE STUDENT FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN HS-MED MEDICAL PHYSICS (133-N537)	12,498.00

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190.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY MDA-SPONSORED CLINIC-CLINICAL SERVICE GRANT FOR THE PERIOD 10-01-88 THRU 09-30-89 MSN HS-MED NEUROLOGY	(133-N538)	32,000.00
191.	BRADLEY (LYNDE AND HARRY) FOUNDATION MILWAUKEE, WI THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION FOR THE PERIOD 10-25-88 THRU 10-24-89 MSN L&S HISTORY	(133-N539)	25,000.00
192.	ZAPATA HAYNIE CORPORATION HAMMOND, LA FISH MEAL PROTEIN FOR LACTATING DAIRY COWS MSN AG&LSC DAIRY SCIENCE	(133-N544)	3,500.00
193.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI ENERGY CONSERVATION IN MILK COOLING THROUGH USE OF A WELL WATER PRECOOLER MSN AG&LSC AG ENGINEERING	(133-N545)	15,119.00
194.	DENSE-PAC MICROSYSTEMS, INC. GARDEN GROVE, CA MANAGEMENT ENGINEERING SYSTEMS AND INTERNATIONAL MARKETING MSN BUS SCH OF BUSINESS	(133-N551)	14,375.00
195.	PLANT CELL RESEARCH INSTITUTE, INC. DUBLIN, CA BIOCHEMICAL AND MOLECULAR CHARACTERIZATION OF ARCELIN VARIANTS MSN AG&LSC AGRONOMY	(133-N561)	10,000.00
196.	HOWELL (ETTA H) ESTATE LONG BEACH, CA ETTA H HOWELL CANCER RESEARCH FUND MSN HS-MED ONCOLOGY	(133-0555)	4,750.00
197.	QUAKER OATS COMPANY CHICAGO, IL DEVELOPMENT OF HIGH QUALITY AND DISEASE RESISTANT OATS MSN AG&LSC AGRONOMY	(133-0829)	60.70
198.	MULTIPLE DONORS WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	100.00
199.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	55,000.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

200.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT MEDICAL PHYSICS PROGRAM MSN HS-MED MEDICAL PHYSICS	(133-5448)	3,000.00
201.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	205.00
202.	ADULT NEPHROTIC SYNDROME STUDY MSN HS-MED MEDICINE NEPHROLOGY	(133-8979)	
	500.00 E.R. SQUIBB PRINCETON, NJ		
	250.00 MULTIPLE DONORS		
	400.00 HOFFMAN-LAROCHE NUTLEY, NJ		
			1,150.00
203.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY	(133-9268)	45,000.00

STUDENT AID

1.	EARNINGS ON MISC. INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	(TRUST)	171.88
2.	VERGERONT, ROBERT J. MADISON, WI VERGERONT, ELIZABETH VANDENBERG--AWARD FOR 4-H CLUB LEADERSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	100.00
3.	PI ETA CHAPTER OF PHI BETA MADISON, WI PHI BETA AWARD OF MERIT MSN L&S COMMUN DISORDERS	(TRUST)	20.00
4.	AT THE REQUEST OF THE DONOR, PRIZES ARE FOR THE BEST WORK IN THE UNDERGRADUATE COURSES. INGERSOLL, L.R.--AWARDS MSN L&S PHYSICS	(TRUST)	
5.	HORNIST'S NEST MADISON, WI BARROWS, JOHN--MEMORIAL SCHOLARSHIP MSN L&S SCHOOL OF MUSIC	(TRUST)	26.10
6.	GENERAL MOTORS CORPORATION DETROIT, MI GENERAL MOTORS SCHOLARSHIP PLAN MSN ENGR	(133-B280)	15,430.00

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STUDENT AID

7.	WISCONSIN CHAPTER SOCIETY OF CHARTERED PROPERTY & CASUALTY UNDERWRITERS MILWAUKEE, WI SCHOLARSHIP FUND-RISK MANAGEMENT & INSURANCE MSN BUS SCH OF BUSINESS (133-B603)	1,000.00
8.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&NSM SC ADMIN (133-B967)	1,640.55
9.	EASTMAN KODAK COMPANY ROCHESTER, NY ENGINEERING UNDERGRADUATE SCHOLARSHIPS MSN ENGR (133-C484)	6,533.50
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F608)	2,000.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F609)	5,000.00
12.	UNISYS CORPORATION DETROIT, MI COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR (133-F731)	10,000.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCELVAIN OUTSTANDING ACHIEVEMENT AWARDS TO GRADUATE STUDENTS MSN L&S CHEMISTRY (133-F784)	12,226.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NURSING ALUMNI SCHOLARSHIP MSN HS-NUR (133-G468)	8,500.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPECIAL SUMMER PROGRAMS SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-G930)	8,000.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR ENGR EXPER STA I COMBUSTN (133-J551)	13,000.00
17.	CIGNA CORPORATION PHILADELPHIA, PA CIGNA SCHOLARSHIP (ACTUARIAL SCIENCE PROGRAM) MSN BUS SCH OF BUSINESS (133-J586)	4,000.00

GIFTS, GRANTS AND CONTRACTS
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STUDENT AID

18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS	(133-J797)	2,081.10
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. N. ALLEN GRADUATE FELLOWSHIP FUND MSN L&S BOTANY	(133-K719)	11,691.00
20.	FARMERS GROUP, INC. LOS ANGELES, CA FARMERS INSURANCE GROUP OF COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L061)	1,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	5,350.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC MERIT SCHOLARSHIP MSN L&S ECONOMICS	(133-L290)	750.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHORT COURSE CENTENNIAL AWARD MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L451)	1,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THEODORE D. TIEMANN MEMORIAL FUND MSN ENGR MET & MIN ENGR	(133-M327)	1,000.00
25.	NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION MCLEAN, VA STUDENT SCHOLARSHIPS - COLLEGE OF ENGINEERING MSN ENGR	(133-M542)	4,000.00
26.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL CIC MINORITIES FELLOWSHIP PROGRAM MSN GRAD	(133-N137)	47,286.00
27.	BRANDT (JOHN) MEMORIAL FOUNDATION MINNEAPOLIS, MN SCHOLARSHIP FOR GRADUATE STUDENT IN DAIRY SCIENCE MSN AG&LSC DAIRY SCIENCE	(133-N520)	12,600.00
28.	GRADUATE OPPORTUNITIES FOR ADVANCED LEVEL STUDIES DEARBORN, MI GOALS FELLOWSHIP MSN L&S IND REL RES INST	(133-N524)	2,000.00

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STUDENT AID

29.	FOUNDRY EDUCATIONAL FOUNDATION CLEVELAND, OH SCHOLARSHIP PROGRAM IN METALS CASTING MSN ENGR MET & MIN ENGR	(133-0767)	5,000.00
30.	STANDARD OIL COMPANY OF CALIFORNIA SAN FRANCISCO, CA CHEMICAL ENGINEERING FELLOWSHIP MSN ENGR CHEMICAL ENGR	(133-0814)	15,000.00
31.	3M STAFFING & CAREER RESOURCES DEPARTMENT ST. PAUL, MN MINNESOTA MINING AND MANUFACTURING COMPANY ACCOUNTANCY FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-3632)	2,500.00
32.	LAKE GENEVA GARDEN CLUB FOUNDATION, INC LAKE GENEVA, WI HELEN MCDONALD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-5665)	1,000.00
33.	WISCONSIN LIVESTOCK & MEAT COUNCIL MADISON, WI UNDERGRADUATE SCHOLARSHIPS TO STUDENT PURSUING COURSES OF STUDY RELATED TO MEAT AND ANIMAL SCIENCE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-6385)	7,500.00
34.	OSCAR MAYER FOOD CORPORATION MADISON, WI STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS UNRESTRICTED FUND MSN G SERV FELLOWS & SCHOLS	(133-8892)	3,600.00

UNRESTRICTED

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING FACULTY ACTIVITIES MSN L&S URBAN & REG PLAN	(133-N530)	475.00
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TOTAL MADISON	12,807,485.64 =====
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EXTENSION AND PUBLIC SERVICE	108,700.00
INSTRUCTION	83,843.00
LIBRARIES	142,266.00
MISCELLANEOUS	1,024,353.15
PHYSICAL PLANT	87,200.00
RESEARCH	11,149,642.36
STUDENT AID	211,006.13
UNRESTRICTED	475.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

EXTENSION AND PUBLIC SERVICE

1. UWM OVERHEAD
MILWAUKEE, WI
INSTITUTE OF WORLD AFFAIRS
MIL DOCE CURR IS-PBLC POL IWA (133-N501) 6,000.00

GIFT-IN-KIND

1. AMPCO METAL DIVISION
CARL DRALLE, VICE PRESIDENT MARKETING
MILWAUKEE, WI
A GIFT OF A AMSLER WEAR TEST MACHINE
MIL ENG&AS MATERIALS
2. UWM FOUNDATION, INC.
(DONALD M. LEVY, M.D.)
MILWAUKEE, WI
A GIFT OF (4) 18TH CENTURY ENGRAVINGS
MIL F ARTS UWM ART MUSEUM ART MUSEUM

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D. C.
ADAPTATION PROGRAM FOR TEACHING HIGH SCHOOL
PHYSICS
FOR THE PERIOD 10-15-88 THROUGH 03-31-92
AWARD # TPE-8850494
MIL L&S PHYSICS (144-AR26) 271,738.00
2. NORBERT BEIHOFF
SPECIAL PROGRAMS ACCT. #279
MILWAUKEE, WI
SALE OF STOCK TO BE USED BY DIRECTOR OF BANDS
FOR BAND MUSIC
MIL F ARTS MUSIC (133-D747) 604.97
3. UWM FOUNDATION
MILWAUKEE, WI
CEAS-GATEWAY TO ENGINEERING, SCIENCE AND TECH
(GEST)
MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-G404) 2,000.00
4. MILWAUKEE FOUNDATION (VIA UWM FOUNDATION
ACCOUNT 232)
MILWAUKEE, WI
THE INTERDISCIPLINARY REHABILITATION CLINIC
MIL A H P AH MAJOR (133-N500) 7,500.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

1.	WISCONSIN ARTS BOARD MADISON, WI PRIME CONTRACTOR WITH NEA P.A.N. WISCONSIN PROGRAM APPLICATION - 1988-89 FOR THE PERIOD 09-24-88 THROUGH 04-30-89 AWARD # CHECK #A8775434 MIL F ARTS METRO ARTS PROG F ARTS PRG (144-AR46)	5,000.00
2.	ARTS MIDWEST MINNEAPOLIS, MN PRIME CONTRACTOR WITH NEA ARTS MIDWEST PROJECT SUPPORT ROADSIDE THEATER FOR THE PERIOD 10-07-88 THROUGH 04-30-89 AWARD # 89-61 CHECK NO. 021929 MIL F ARTS METRO ARTS PROG F ARTS PRG (144-AR09)	950.00
3.	NATIONAL SCIENCE FOUNDATION WASHINGTON, D. C. IPA ASSIGNMENT AGREEMENT FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # DMR 8818273-A1 MIL L&S PHYSICS (144-AL89)	87,377.00
4.	UWM FOUNDATION MILWAUKEE, WI WORLD CITIES COMPETITION MIL ARC&UP ADMINISTRATION ADMIN (133-L783)	2,759.00
5.	UWM OVERHEAD MILWAUKEE, WI INTERNATIONAL RELATIONS PROGRAM MIL L&S INTL RELATIONS INTL RELAT (133-N499)	15,000.00
6.	UWM FOUNDATION, INC. MILWAUKEE, WI MENTAL HEALTH COUNSELING AWARD # CK. #13782 MIL STU AF STUDENT HEALTH PSYCH SVCS (133-N540)	500.00
7.	WISCONSIN EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PROVIDE TECHNICAL OPERATIONS CENTER (TOC) SERVICE FOR ECB MIL ED COM PROJECTS SP3-ECB,IT (133-N548)	3,750.00
8.	LIPPINCOTT (J B) COMPANY CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SCHOOL OF NURSING MIL NURS ADMIN DEAN (133-7653)	7,032.45

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

PHYSICAL PLANT

- | | |
|---|-------------------|
| <p>1. HOUSING AND URBAN DEVELOPMENT, DEPT OF
WASHINGTON, DC
1988/89 INSTALLMENT, INTEREST SUBSIDY GRANT FOR
CONSTRUCTION OF THE STUDENT UNION ADDITION.
FOR THE PERIOD 12/01/71 THROUGH 06/01/99
AWARD # CH WIS 134 (S)
MIL ADM AF ASST CHAN OFFICE</p> | <p>114,744.50</p> |
|---|-------------------|

RESEARCH

- | | |
|---|------------------------------|
| <p>1. DHHS, PHS, CENTER FOR DISEASE CONTROL
CINCINNATI, OHIO
SYNTHESIS OF CHEMICAL COMPOUNDS
AWARD # CHECK NO. 2088 27588094
MIL L&S CHEMISTRY</p> | <p>(144-AR41) 2,048.00</p> |
| <p>2. DHHS PHS NIH
WASHINGTON, DC
EFFECTS OF PATIENT EDUCATION AND PSYCHOSOCIAL
SUPPORT
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 5 RO1 NRO1539-02
MIL NURS FNDTNS OF NURS'G FNDT NURS'</p> | <p>(144-AR83) 65,807.00</p> |
| <p>3. UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN
URBANA, IL
PRIME CONTRACTOR WITH DHHS PHS NIH
SPIN LABELS IN LIVING CELLS DISTRIBUTION AND
REACTIONS
FOR THE PERIOD 06-01-86 THROUGH 03-31-89
AWARD # 86-126
MIL L&S CHEMISTRY</p> | <p>(144-YO13) 7,897.00</p> |
| <p>4. ARGONNE NATIONAL LAB, UNIVERSITY OF
CHICAGO
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
RESEARCH ASSISTANTSHIP AT ARGONNE NATIONAL
LAB
FOR THE PERIOD 10-14-88 THROUGH 07-31-89
AWARD # 8274201
MIL L&S PHYSICS</p> | <p>(144-AR25) 14,356.00</p> |
| <p>5. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:</p> | |
| <p>1) ACQUISITION OF A 500 MHZ NMR SPECTROMETER
FOR THE PERIOD 05-15-88 THROUGH 10-31-89
AWARD # DIR-8719808
MIL L&S CHEMISTRY</p> | <p>(144-AH70) 40,000.00</p> |
| <p>2) THE BIOGEOCHEMISTRY OF MANGANESE IN THE
GREAT LAKES
FOR THE PERIOD 10-15-88 THROUGH 03-31-90
AWARD # OCE-8812694
MIL GRAD GT LKS ST, CTR F</p> | <p>(144-AQ55) 103,429.00</p> |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

- 3) DETERMINATION OF SURFACE AND INTERFACE STRUCTURES
BY LOCAL AND LONG-RANGE ORDER DIFFRACTION
TECHNIQUES
FOR THE PERIOD 11-15-88 THROUGH 04-30-90
AWARD # DMR-8805938
MIL L&S PHYSICS (144-AS06) 75,000.00
6. WISCONSIN DEPARTMENT OF TRANSPORTATION
GREEN BAY, WI
PRIME CONTRACTOR WITH TRANS
TRANSPLANTING AND PRESERVING A POPULATION OF
FORKED ASTER (ASTER FURCATUS) A THREATENED
PLANT OF WISCONSIN
FOR THE PERIOD 09-16-88 THROUGH 12-01-89
AWARD # 4010-3-77
MIL L&S FIELD STATION (144-AQ40) 30,000.00
7. WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
TARGUM BIBLIOGRAPHY VOLUME III
AWARD # CHECK NO. 1045
MIL L&S HEBREW STU (133-C663) 118.00
8. ARCHAEOLOGICAL SURVEY OF PROPOSED NEXRAD
STATION, JEFFERSON COUNTY, WISCONSIN
WISCONSIN
MIL L&S ANTHROPOLOGY (133-E567)
- 672.00 NANKIN & ASSOCIATES
MILWAUKEE WI
688.00 SRI INTERNATIONAL
MENLO PARK, CA
- 1,360.00
9. W.H. BRADY CO.
MILWAUKEE, WI
CONSULTATION AND EQUIPMENT SUE
(AUGER SPECTROMETER)
AWARD # P.O. 880-0414
MIL L&S PHYSICS (133-E596) 400.00
10. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AMBIENT AIR MONITORING COOPERATORS PROGRAM
AWARD # P.O. NRH 95695
MIL ENG&AS MECHANICAL ENGR (133-H618) 3,390.00
11. SCIRE CORPORATION
FONTANA, WI
JET CUTTING SAMPLE
AWARD # CHECK NO 3662
MIL ENG&AS MECHANICAL ENGR (133-L540) 2,000.00
12. CAROLYN MORSE
SHOREWOOD, WI
IMPULSIVITY AND ALCOHOL AN INVESTIGATION
OF THEIR RELATIONSHIP
MIL L&S PSYCHOLOGY (133-M838) 608.50

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RESEARCH

13.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA SOLIDIFICATION PROCESSING OF METAL MATRIX - FLYASH PARTICLE COMPOSITES FOR THE PERIOD 05/04/88 THROUGH 0731/92 AWARD # EPRI RP2422-18 MIL ENG&AS MATERIALS	(133-M885)	29,000.00
14.	UWM FOUNDATION #809 MILWAUKEE, WI STRUCTURAL TESTING RESEARCH #809 AWARD # CHECK NO. 215296 MIL ENG&AS CIVIL ENGINEER'G	(133-N384)	566.83
15.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI RESEARCH FOR LAKE TERRACE FACILITY MIL ARC&UP ARCH&U P RES CTR	(133-N510)	7,000.00
16.	MEMORIAL FOUNDATION FOR JEWISH CULTURE NEW YORK, NY BIBLIOGRAPHY OF TARGUM LITERATURE, VOLUME III AWARD # CHECK # 11900 MIL L&S HEBREW STU	(133-N511)	3,500.00
17.	LEN E. IVARSON, INC. MILWAUKEE, WI DESIGN OF BOX FEEDING MACHINE MIL ENG&AS MECHANICAL ENGR	(133-N549)	13,821.19
18.	REXNORD MILWAUKEE, WI FACILITY USAGE FEES AWARD # CHECK NO. 13824 MIL ENG&AS MATERIALS	(133-N550)	400.00
19.	MEDICAL AND SCIENTIFIC AFFAIRS, (ADRDA) ALZHEIMER'S DISEASE AND RELATED DISORDERS ASSOCIATION, INC. CHICAGO, IL THE SOCIAL CONTEXT OF SELF TRANSFORMATION IN ALZHEIMER'S DISEASE AWARD # PRG-88-023 MIL GRAD URBAN RESRCH CTR	(133-N562)	19,986.00
20.	KELLEY COMPANY MILWAUKEE, WI TRUCK RESTRAINT TESTS AWARD # CHECK #250213 MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	750.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1) PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802948 MIL STU AF FINANCIAL AID PROV'L&SUP (148-B088)		56,151.00-
2) PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO63P87122 MIL STU AF FINANCIAL AID PROV'L&SUP (148-B089)		2,123,376.00
2. WAUSAU INSURANCE COMPANIES WAUSAU, WI OCCUPATIONAL HEALTH NURSING SCHOLARSHIP MIL NURS ADMIN DEAN (133-D725)		5,000.00
	TOTAL MILWAUKEE	3,018,618.44 =====
EXTENSION AND PUBLIC SERVICE	6,000.00	
INSTRUCTION	281,842.97	
MISCELLANEOUS	122,368.45	
PHYSICAL PLANT	114,744.50	
RESEARCH	421,437.52	
STUDENT AID	2,072,225.00	

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

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|----|---|------------|-----------|
| 1. | EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | PREPARATION OF SPECIAL EDUCATORS IN
LEARNING DISABILITIES
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # HO29B80043 | | |
| | EAU EDUC SPECIAL EDUC | (144-8041) | 28,914.00 |
| 2) | PREPARATION OF SPECIAL EDUCATORS
IN EARLY CHILDHOOD-HANDICAPPED
FOR THE PERIOD 09-01-88 THROUGH 05-31-89
AWARD # HO29B0062 | | |
| | EAU EDUC SPECIAL EDUC | (144-8042) | 64,374.00 |
| 2. | VARIOUS GOVERNMENTAL AGENCIES
WASHINGTON, DC
TEACHER INSTITUTE ON THE CONSTITUTION
FOR THE PERIOD 08-01-88 THROUGH 11-01-89
AWARD # 88-CBC-0261 | | |
| | EAU ART&SC POLITICAL SCI | (144-8079) | 50,708.00 |
| 3. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
WORK EXPERIENCE JOB TRAINING
FOR THE PERIOD 08-01-88 THRU 12-31-88 | | |
| | EAU G AC A EDUCATIONL OPPOR | (133-9018) | 8,500.00 |
| 4. | CHIPPEWA/EAU CLAIRE SCHOOL DISTRICTS
CHIPPEWA FALLS, WI
CHIPPEWA/EAU CLAIRE SCHOOL DISTRICTS
MATH PROJECT
FOR THE PERIOD 07-01-88 THRU 06-30-89 | | |
| | EAU ART&SC MATHEMATICS | (133-9024) | 29,592.00 |
| 5. | EAU CLAIRE SCHOOL DISTRICT
EAU CLAIRE, WI
IMPLEMENTATION OF THE MIDDLE LEVEL EDUCATION/
MIDDLE SCHOOL
FOR THE PERIOD 07-01-88 THRU 06-30-89 | | |
| | EAU EDUC SECOND & CONT ED | (133-9025) | 11,995.00 |
| 6. | WISCONSIN IMPROVEMENT PROGRAM
MADISON, WI
DEVELOPMENT OF A SCIENCE RESOURCE CENTER
FOR THE PERIOD 08-15-88 THRU 08-31-88 | | |
| | EAU EDUC SECOND & CONT ED | (133-9026) | 990.00 |

RESEARCH

- | | | | |
|----|---|------------|--------|
| 1. | WI DEPT OF TRANSPORTATION
MADISON, WI
RECONSTRUCT STH 183, STH 35, THE TOWN OF PEPIN
FOR THE PERIOD 10-04-88 THRU 12-31-88
AWARD # 7891-04-00 | | |
| | EAU ART&SC SOCIAL & ANTHROP | (133-9019) | 743.00 |

TOTAL EAU CLAIRE	195,816.00

INSTRUCTION	195,073.00
RESEARCH	743.00

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DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ATHLETICS MEN - GENERAL
GBY ATHL ATHLETICS - MEN (133-E188) 2,500.00

RESEARCH

1. UPRIGHT, INC.
ST. LOUIS, MO
RESEARCH ON ABSORBENT CHARACTERISTICS OF SILICA
GBY ENV SC NAT APP SC (133-L321) 500.00

2. ABBOTT LABORATORIES
NORTH CHICAGO, IL
ANAEROBIC SYSTEMS
GBY AC PRG ADMINISTRATION (133-NO32) 8,510.00

TOTAL GREEN BAY 11,510.00
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MISCELLANEOUS 2,500.00
RESEARCH 9,010.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

1. NCR FOUNDATION		
DAYTON, WI		
LA CROSSE SPECIAL TRUST FUND (LAC)		
LAC EX DIV CHANCELLORS OFF	(TRUST)	210.00
	TOTAL LACROSSE	210.00

MISCELLANEOUS	210.00	

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

PHYSICAL PLANT

1. EDUCATION, DEPT OF WASHINGTON, DC INTEREST SUBSIDY ON CONSTRUCTION OF ARTS AND COMMUNICATION BUILDINGS FOR THE PERIOD 09-15-87 THROUGH 09-14-88 AWARD # 5-5-333-0 OSH UNIT-W DEBT SV AC BLDGS	(144-4492)	53,465.00
TOTAL OSHKOSH		53,465.00 =====
PHYSICAL PLANT	53,465.00	

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

- INDEX TECHNOLOGY CORPORATION
CAMBRIDGE, MA
EXCELERATOR SOFTWARE
PKS MOD IN BUS & ADMIN SCI BUS MGMNT

MISCELLANEOUS

- MULTIPLE DONORS
REGIONAL STAFF DEVELOPMENT CENTER, 1987-1988
PKS G E A CHANCELLORS OFF ADMIN (133-M132) 156,225.10

RESEARCH

- DOD, NAVY
ARLINGTON, VA
ELECTROMAGNETIC FIELD EFFECTS ON GENE
EXPRESSION IN E. COLI
FOR THE PERIOD 06-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$243,269.00
AWARD # NO0014-87-K-0380, MOD. 3
PKS SC&SOC SCIENCE BIOLOG SCI (144-Z617) 89,046.00
- WESTERN PUBLISHING COMPANY, INC.
RACINE, WI
DEVELOPING AND IMPLEMENTING DATA ANALYSIS
FOR COOPERATIVE TEST MARKET WITH WAL-MART
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-N074) 1,176.00
- MULTIPLE DONORS
CENTER FOR SURVEY AND MARKETING RESEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-N258) 400.00
- SIGNICAST CORPORATION
MILWAUKEE, WI
WATER JET CLEANING OF INVESTMENT CASTING
PKS MOD IN ENGINEERING SCI ENGR TECH (133-N563) 20,175.00

STUDENT AID

- EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
(REDUCTION IN GRANT FUNDS)
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,095,317.00
AWARD # PO08803238, MOD. 7
PKS BUS SV FELLOWS & SCHOLS (148-G088) 525.00-
- MULTIPLE DONORS
MUSIC SCHOLARSHIPS
PKS BUS SV FELLOWS & SCHOLS (133-C489) 50.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

3. MULTIPLE DONORS
ACCOUNTING PROGRAM SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS (133-G954) 185.52

UNRESTRICTED

1. MULTIPLE DONORS
UW-PARKSIDE VARSITY BASEBALL TEAM
DISCRETIONARY ACCOUNT
PKS ATH& I ATHLETICS PROG DIR (133-N491) 300.00

TOTAL PARKSIDE 267,032.62
=====

MISCELLANEOUS 156,225.10
RESEARCH 110,797.00
STUDENT AID 289.48-
UNRESTRICTED 300.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

GIFT-IN-KIND

1. VICTOR S. MYERS, JR
STILLWATER, MN
LIGHTENING DRIVE, A NINE YEAR OLD THOROUGHBRED
MARE
RVF AGRIC LABORATORY FARMS
2. MARY ANN MARTINEAU
FARIBAULT, MN
FUNQUEST AQUILA, A TEN YEAR OLD REGISTERED
MORGAN GELDING
RVF AGRIC LABORATORY FARMS
3. STILLWATER VII
STILLWATER, MN
JENNY'S FRIEND, A THREE YEAR OLD THOROUGHBRED
BAY MARE
RVF AGRIC LABORATORY FARMS
4. ADELAIDE C. O'BRIEN
STILLWATER, MN
IBERIAN, A NINE YEAR OLD APPALOOSA GELDING
RVF AGRIC LABORATORY FARMS
5. TED SOLOMON
PEORIA, IL
GATTILO, A THOROUGHBRED GELDING
RVF AGRIC LABORATORY FARMS

TOTAL RIVER FALLS

.00

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GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - STEVENS POINT

GIFT-IN-KIND

1. UWSP FOUNDATION, INC.
STEVENS POINT, WI
FACULTY PERSONAL COMPUTERS
STP AC SUP ACAD COMP SVCS

TOTAL STEVENS POINT

.00

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GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. COMMERCE, DEPT OF
CHICAGO, IL
ECONOMIC AND TECHNICAL ASSISTANCE CENTER
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 06-06-02178-02
STO I&TECH SCH-IND&TECH ADM (144-0688) 100,000.00
2. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
PROVIDE WORK SAMPLE EVALUATION AND EMPLOYMENT
READINESS TRAINING FOR CLIENTS REFERRED BY THE
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # 9428-1-G-89
STO ED&H S ST VOC REHAB IN VOC DEV C (144-0835) 180,000.00
3. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
PROGRAM FOR INDEPENDENT LIVING: ALTERNATIVES
FOR RURAL SEVERELY DISABLED PERSONS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # FEI15675PO
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0837) 196,760.00

GIFT-IN-KIND

1. U.S. DEPARTMENT OF ENERGY
AIKEN, SC
USED ENERGY-RELATED LABORATORY EQUIPMENT:
ART-0-GRAPH 800-C OPAQUE
STO LIB RE INSTR TECH SVC
2. TIME, INC.
WASECA, MN
EIGHT-5 GALLON CUBES OF AGFA, RAPID ACCESS
DEVELOPER FOR PHOTOTYPESETTING AND RAPID ACCESS
FILM, 86 20/ /CUBE.
STO I&TECH GRAPHIC COMMUNIC
3. WINNING SOFTWARE, INC.
ATLANTA, GA
WINNING SOFTWARE: ORDER PROCESSING, INVENTORY
CONTROL, COMMISSION ACCOUNTING, SALES, ANALYSIS,
PAYABLES, PAYROLL, GENERAL LEDGER AND MORE.
STO I&TECH BUSINESS
4. LAND-O-LAKES, INC.
EAU CLAIRE, WI
VARIETY OF MICROBIOLOGY LAB SUPPLIES: GLASS
PETRI DISHES AND CONTAINERS, DILUTION BOTTLES,
AUTOCLAVE TUBE CLOSURES, AUTOCLAVE REAGENT BOTTLES
STO LIB ST BIOLOGY

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

5. 3M COMPANY, HEALTH CARE GROUP
EAGAN, MN
REPORT: SALMONELLA; AND A SALMONELLA VISUAL
IMMUNOASSAY KIT FOR THE RAPID DETERMINATION OF
SALMONELLA BACTERIA IN FOOD.
STO LIB ST BIOLOGY
6. DUPONT IMAGING SYSTEMS
NILES, IL
ONE GOODKIN 25" X 38" VACUUM EASEL WITH PUMP
STO LIB ST BIOLOGY
7. PALMER PRINTING COMPANY
ST. CLOUD, MN
SEVEN 3M AND KODAK HALFTONE CONTACT SCREENS
STO LIB ST BIOLOGY
8. ACTION-PAK EQUIPMENT SALES, INC.
EDINA, MN
TFC MODEL 2400 POLLUTION PACKER IN-HOUSE
WASTE AND REFUSE COMPACTOR
STO H ECON HABITATNL RESRCS
9. H.C. MILLER COMPANY
GREEN BAY, WI
MISCELLANEOUS PAPERS AND ENVELOPES.
STO I&TECH GRAPHIC COMMUNIC

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SCHOOL PSYCHOLOGISTS AND VOCATIONAL EVALUATION
(REDUCTION DUE TO INCORRECT INCLUSION OF
STUDENT STIPENDS IN AWARD)
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GOO8715557-88, MOD. 1
STO ED&H S COUNSL & PSY SV (144-0625) 7,700.00-
 - 2) M.S. IN VOCATIONAL EDUCATION/SPECIAL NEEDS
CONCENTRATION--ADMINISTRATION
(REDUCTION DUE TO OVERREPORTING OF
ADMINISTRATIVE ALLOWANCE)
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GOO8635075-88
STO ED&H S EDUCATION (144-0765) 3,430.00-
2. MECA SPORTSWEAR, INC
TOMAH, WI
CONDUCT EDUCATIONAL EXPERIENCE IN WHICH STUDENTS
CREATE TEENAGE FEMALE SPORTSWEAR
FOR THE PERIOD 09-22-88 THRU 12-31-88
AWARD # 9222-1-A-89
STO H ECON APPAREL, TEX&DES (133-0751) 800.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - STOUT

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR THE ATHLETIC DEPARTMENT
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO LIB ST P ED & ATHLETICS INTERC ATH (133-0716) 11,198.00

RESEARCH

1. EDUCATION, DEPT OF
WASHINGTON, DC
COMMUNITY TRANSITION CENTER MODEL
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # GOO8730171-88
STO ED&H S ST VOC REHAB IN RES&TRNG C (144-0841) 98,657.00

2. HOEGANAES CORPORATION
RIVERTON, NJ
DEVELOPMENT OF CHEMICALLY DERIVED METAL OR
METAL OXIDE COATINGS ON METALLIC POWDER
FOR THE PERIOD 09-01-88 THRU 08-31-89
AWARD # 9169-3-C-89
STO I&TECH CTR INVTN&DEVEL (133-0384) 66,401.00

3. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
CONSORTIUM OF HOSPITALITY RESEARCH
INFORMATION SERVICES
FOR THE PERIOD 01-01-89 THRU 12-31-89
STO LIB RE LIBR LEARN CTR (133-0781) 10,000.00

STUDENT AID

1. AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, DC
FUNDS FOR STUDENTS RECEIVING AID
FROM NIGERIA
FOR THE PERIOD 09-01-87 THROUGH 08-31-89
STO ST AST AGENCY INTL DEV (144-0593) 37,551.82

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

1) SCHOOL PSYCHOLOGISTS AND VOCATIONAL EVALUATION
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GOO8715557-88, MOD. 2
STO ED&H S COUNSL & PSY SV (144-0658) 7,700.00

2) M.S. IN VOCATIONAL EDUCATION/SPECIAL NEEDS
CONCENTRATION--STUDENT STIPENDS
(REDUCTION DUE TO OVERREPORTING OF STUDENT
STIPENDS)
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GOO8635075-88
STO ED&H S EDUCATION (144-0764) 696.00-

TOTAL STOUT

697,241.82
=====

EXTENSION AND PUBLIC SERVICE	476,760.00
INSTRUCTION	10,330.00-
MISCELLANEOUS	11,198.00
RESEARCH	175,058.00
STUDENT AID	44,555.82

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
SEDIMENT-ASSOCIATE POLLUTANTS AT SELECTED
GREAT LAKES SITES AND THEIR EFFECTS UPON BIOTA
FOR THE PERIOD 09-25-88 THROUGH 09-24-89
AWARD # CR-815232-01-0
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0404) 212,000.00

2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
MODELING ACID DEPOSITION: AN INTRODUCTION TO
SCIENTIFIC METHODS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # RCD-8850188
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0403) 49,362.00

TOTAL SUPERIOR 261,362.00
=====

RESEARCH 261,362.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NEH
1988-89 PERFORMING ARTS SERIES
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # AGR DTD 10/24/88
WTW SFS-DA SEG FEE S-ORG A SEG FEE SO (144-1143) 9,000.00

INSTRUCTION

1. IRVIN L. YOUNG FOUNDATION
PALMYRA, WI
COLLEGE OF BUSINESS AND ECONOMICS
DISTINGUISHED PROFESSORSHIP
WTW BUS&EC MARKETING (133-1139) 15,000.00

MISCELLANEOUS

1. DR. DEWITT CLINTON
WHITEWATER, WI
'SALTHOUSE' - A PUBLICATION OF EXPERIMENTAL
HISTORY POETRY AND FICTION, ESSAYS AND REVIEWS
ON CURRENT POEMS
FOR THE PERIOD 07-01-88 THRU 06-30-89
WTW L&S ENGLISH (133-1105) 502.00

2. UW-WHITEWATER FOUNDATION
WHITEWATER, WI
FUNDS FOR PURCHASE OF BASEBALL UNIFORMS
AWARD # CK #10816
WTW G E A CHANCELLORS OFF MENS I ATH (133-1154) 1,200.00

STUDENT AID

1. CONNOR, CHANCELLOR JAMES R. & MRS.
WHITEWATER, WI
CONNOR, CHANCELLOR AND MRS. JAMES R. SCHOLARSHIP
FUND (WTW)
WTW G E A CHANCELLORS OFF CHANCS OFF (TRUST) 650.00

TOTAL WHITEWATER 26,352.00
=====

EXTENSION AND PUBLIC SERVICE	9,000.00
INSTRUCTION	15,000.00
MISCELLANEOUS	1,702.00
STUDENT AID	650.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. WILLIAM E. STIEFVATER
MANITOWOC, WI
COLLECTION OF 42 MAPS
CNS MARATH LIBRARY ADMIN
2. ROY MARKS II
WAUKESHA, WI
CONSTITUTION OF US OF AMERICA 2 VOL; FORMATION
OF US UNION '27; HISTORY OF UNION '40; WRITINGS OF
GEORGE WASHINGTON, 1745-1799, VOLS. 1-39.
CNS WAUK LIBRARY ADMIN
3. KURT GRIMM
NASHOTA, WI
THE ALDRICH LIBRARY OF INFRARED SPECTRA.
CNS WAUK LIBRARY ADMIN
4. MRS. KATE THATER
WAUKESHA, WI
BOOKS: REMEMBRANCE, D. STEEL; TENDER REBEL, J.
LINDSEY; A DAUGHTER'S A DAUGHTER, M. WESTMACOTT;
A SEASON OF LOVING, S. LARSON; TANGLED WEB, J.
BENNETT; A TIME FOR ALL SEASONS, M. LEFEY.
CNS WAUK LIBRARY ADMIN
5. PROF. MARY ELLEN YOUNG
WAUKESHA, WI
BOOKS: AMERICAN LOG HOMES, A. THIEDA; THE ENGLISH
COUNTRY HOUSE, F.J. MAROON; BEASTLY BUILDINGS,
L. LAMBTON; THE LIFE AND WORK OF JOHN NASH
ARCHITECT, J. SUMMERSON. THOMAS, GIRTIN, 1775-1802
SUSAN MORRIS
CNS WAUK LIBRARY ADMIN
6. SHAMIM NAIM
WAUKESHA, WI
27 BOOKS
CNS WAUK LIBRARY ADMIN
7. MARY ELLEN YOUNG
WAUKESHA, WI
BOOK: MANY MASKS; A LIFE OF FRANK LLOYD WRIGHT,
PUTNAM, 1987
CNS WAUK LIBRARY ADMIN

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN PEACE SCHOLARSHIP PROGRAM
FOR THE PERIOD 09-01-87 THROUGH 09-14-88
AT A TOTAL COST OF \$298,110.00
AWARD # AGR DTD 10-12-87, MOD. 1
CNS MARATH INTERDEPT INSTR (144-AA38) 165,040.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

1.	MULTIPLE DONORS UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS CNS MARSH STUDENT AFFAIRS LECT & F A (133-L040)	7,650.00
2.	LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS (133-L337)	
	1,000.00 COMMUNICATIONS SATELLITE CORPORATION WASHINGTON, DC	
	1,000.00 PHILLIPS PETROLEUM FOUNDATION, INC. BARTLESVILLE, OK	
		2,000.00
3.	MULTIPLE DONORS MUSIC DEPARTMENT TALENTSHIPS CNS MANIT ADMINISTRATION (133-N378)	100.00
4.	MULTIPLE DONORS INSTRUCTION IMPROVEMENT GENERAL ACCOUNT CNS SHEBOY (133-N497)	67.95
5.	FIGI'S INC. MARSHFIELD, WI VISITING ARTISTS PROGRAM CNS MARSH ART (133-N507)	1,000.00
6.	FIGIS'S INC. MARSHFIELD, WI PERFORMING ARTS SERIES CNS MARSH STUDENT AFFAIRS LECT & F A (133-N519)	1,500.00
7.	FOX VALLEY ARTS ALLIANCE APPLETON, WI DR. JEKYL AND MR. HYDE PROJECT FOR THE PERIOD 10-01-88 THRU 10-20-88 CNS FOX VA (133-N522)	500.00
8.	YOUNG, MARY ELLEN MILWAUKEE, WI SLIDES FOR ART DEPARTMENT CNS WAUK ART (133-N535)	473.10
9.	UNIVERSITY OF WISCONSIN-MARATHON CENTER FOUNDATION, INC. WAUSAU, WI MATH TUTORIAL PROGRAM CNS MARATH MATHEMATICS (133-N552)	1,500.00

RESEARCH

1.	WISCONSIN ARTS BOARD MADISON, WI VISITING ARTIST EXHIBITION & LECTURE SERIES FOR THE PERIOD 09-26-88 THRU 04-28-89 CNS MARSH ART (133-N512)	2,825.00
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GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

RESEARCH

2. FOX VALLEY ARTS ALLIANCE
APPLETON, WI
MAX MORATH-LIVING A RAGTIME LIFE FOR THE
PERIOD 10-07-88 THRU 11-30-88
CNS FOX VA (133-N523) 750.00

TOTAL CENTER SYSTEM 183,406.05
=====

INSTRUCTION 165,040.00
MISCELLANEOUS 14,791.05
RESEARCH 3,575.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
CONTINUING PROFESSIONAL EDUCATION CONSUMER
AND HOMEMAKING
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # ACTIVITY #20-063-150-519
EXT COOP E FAMILY LIV'G ED FAM LIVNG (144-AQ02) 15,911.00
2. ENVIRONMENTAL PROTECTION AGENCY
CHICAGO, IL
FARM GROUNDWATER POLLUTION REDUCTION
FOR THE PERIOD 10-01-88 THROUGH 12-30-89
AWARD # R005033-01
EXT COOP E COM,N RSRC&EC DV C,N R& E D (144-AR79) 9,998.00
3. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WOMEN OF SPIRIT
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # FY88-16L, MOD. 2
EXT TELCOM WHA RADIO (144-AH04) 6,000.00
4. AMOCO PRODUCTION COMPANY
HOUSTON, TX
PROFESSIONAL DEVELOPMENT OF STAFF AND FURTHERING
THE GEOLOGICAL SURVEY EFFORT
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-E539) 2,000.00
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WISCONSIN RURAL LEADERSHIP PROGRAM
EXT COOP E RURAL LEADERSHIP (133-H773) 60,000.00
6. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS
DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91
AT A \$114,299 LEVEL
AWARD # 86-99002-E-00,01,02,03
EXT COOP E COM,N RSRC&EC DV C,N R& E D (133-L827) 57,368.00
7. MARQUETTE COUNTY
MONTELLO, WI
COUNTY SUPPORT FOR HOME ECONOMIST AND AGRICULTURE
AGENT-MARQUETTE COUNTY FOR THE PERIOD 01-01-88
THRU 12-31-88
EXT COOP E CO&AREA OFC-CTRL (133-M482) 13,512.00
8. JUNEAU COUNTY
MAUSTON, WI
COUNTY SUPPORT FOR 4-H YOUTH AGENT-JUNEAU
COUNTY FOR THE PERIOD 01-01-88 THRU 12-31-88
EXT COOP E CO&AREA OFC-CTRL (133-M483) 5,583.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

9.	FOREST COUNTY CRANDON, WI PARTIAL SUPPORT FOR RESOURCE DEVELOPMENT AGENT, HOME ECONOMIST AND 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E C&AREA OFC-NORTH	(133-M490)	6,003.00
10.	VILAS COUNTY EAGLE RIVER, WI PARTIAL SUPPORT FOR RESOURCE DEVELOPMENT AGENT, HOME ECONOMIST AND 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E C&AREA OFC-NORTH	(133-M491)	4,586.00
11.	FLORENCE COUNTY FLORENCE, WI PARTIAL SUPPORT FOR HOME ECONOMIST AND 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH	(133-M492)	15,701.00
12.	RUSK COUNTY LADYSMITH, WI PARTIAL MAINTENANCE OF THE AG AGENT, 4-H YOUTH AGENT & HOME ECONOMIST FOR THE PERIOD 09-01-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH	(133-M493)	39,724.00
13.	ONEIDA COUNTY RHINELANDER, WI COUNTY SUPPORT FOR 4-H YOUTH AGENT FOR THE PERIOD 03-15-88 THRU 12-31-88 EXT COOP E C&AREA OFC-NORTH	(133-M494)	5,461.84
14.	RICHLAND COUNTY RICHLAND CENTER, WI SUPPORT OF PART-TIME 4H YOUTH AGENT-RICHLAND COUNTY FOR THE PERIOD 04-01-88 THRU 12-31-88 EXT COOP E C&AREA OFC-SOUTH	(133-M496)	10,000.00
15.	IOWA COUNTY DODGEVILLE, WI PARTIAL MAINTENANCE FOR THE AGRICULTURE, 4-H AND FAMILY LIVING PROGRAMS IN IOWA COUNTY FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E C&AREA OFC-SOUTH	(133-M497)	37,425.51
16.	DANE COUNTY MADISON, WI PARTIAL MAINTENANCE OF THE EXTENSION URBAN 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E C&AREA OFC-SOUTH	(133-M499)	6,000.00
17.	WALWORTH COUNTY ELKHORN, WI WALWORTH COUNTY EFNEP SUPPORT FOR THE PERIOD 01-01-88 THRU 12-31-89 EXT COOP E CO&AREA OFC-S E	(133-M500)	14,000.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

18.	COUNTY SUPPORT FOR SHARED HOME ECONOMIST FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E CO&AREA OFC-WEST (133-M504)	
	8,710.00 JACKSON COUNTY	
	9,005.00 BLACK RIVER FALLS, WI	
	TREMPEALEAU COUNTY	
	WHITEHALL, WI	17,715.00
19.	STUDY GROUNDWATER, SOIL AND GEOLOGIC RESOURCES OF WISCONSIN COUNTIES EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-M613)	
	2,000.00 PIERCE COUNTY	
	2,000.00 ELLSWORTH, WI	
	CLARK COUNTY	
	NEILLSVILLE, WI	4,000.00
20.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION (133-M807)	
	2,000.00 GILSON MEDICAL ELECTRONICS	
	1,500.00 MIDDLETON, WI	
	JUNG SEED COMPANY	
	RANDOLPH, WI	3,500.00
21.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI NEWS AND PUBLIC AFFAIRS PRODUCTION AND PROGRAMMING, 1988-89 FOR THE PERIOD 07-01-88 06-30-89 EXT TELCOM WHA TELEVISION WHA TV PRD (133-N033)	450,000.00
22.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION AND COORDINATION OF PRIME-TIME WISCONSIN SERIES, 1988-89 FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT TELCOM WHA TELEVISION WHA TV PRD (133-N034)	150,000.00
23.	SHEBOYGAN COUNTY SHEBOYGAN FALLS, WI COUNTY SUPPORT FOR 4-H AGENT IN SHEBOYGAN COUNTY EXT COOP E CO&AREA OFC-S E (133-N541)	3,410.00
24.	WAUKESHA COUNTY WAUKESHA, WI PARTIAL MAINTENANCE OF THE EXTENSION COMMUNITY RESOURCE DEVELOPMENT AND RECREATION PROGRAM FOR THE PERIOD 02-01-88 THRU 12-31-88 EXT COOP E CO&AREA OFC-S E (133-N542)	29,242.00

GIFTS, GRANTS AND CONTRACTS
DECEMBER 9, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

25.	WISC DEPT OF ADMINISTRATION MADISON, WI COMMUNITY ENERGY EFFICIENCY PROGRAM FOR THE PERIOD 11-02-88 THRU 06-30-91 AWARD # ADI 00570 EXT COOP E COM,N RSRC&EC DV COM DYNAMC (133-N547)	300,000.00
26.	WASHBURN COUNTY SPOONER, WI PARTIAL SERVICES OF A HOME ECONOMIST/4-H YOUTH AGENT AND A 4-H YOUTH/HORT/AG AGENT FOR THE PERIOD 08-01-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH (133-N556)	14,368.00
27.	GREEN LAKE COUNTY GREEN LAKE, WI PROGRAMS IN 4-H AND YOUTH AND HOME ECONOMICS FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-CTRL (133-N557)	20,398.00
28.	LINCLON COUNTY MERRILL, WI COUNTY SUPPORT FOR AGRICULTURE AGENT-LINCOLN COUNTY FOR THE PERIOD 09-19-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-CTRL (133-N558)	16,405.00
29.	KEWAUNEE COUNTY KEWAUNEE, WI SUPPORT FOR 4 H YOUTH AGENT-KEWAUNEE COUNTY FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-N E (133-N559)	18,600.00
30.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FY 89 TUNE-IN GRANT FOR THE PERIOD 10-01-88 THRU 09-30-89 AWARD # R10200 EXT TELCOM WHA RADIO (133-N560)	4,914.00

RESEARCH

1.	WISC DEPT OF NATURAL RESOURCES MADISON, WI NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91 AT A \$114,299 LEVEL (REPORTED INCORRECTLY UNDER THE RESEARCH CATEGORY AT THE 11-11-88 MEETING) AWARD # 86-99002-E-00,01,02,03 EXT COOP E COM,N RSRC&EC DV C,N R& E D (133-L827)	57,368.00-
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TOTAL EXTENSION	1,284,457.35
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EXTENSION AND PUBLIC SERVICE	1,341,825.35
RESEARCH	57,368.00-

DECEMBER 9, 1988
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 10-22-88 THROUGH 11-18-88

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	165,040	-0-	14,791	-0-	3,575	-0-	-0-	183,406
EAU CLAIRE	-0-	195,073	-0-	-0-	-0-	743	-0-	-0-	195,816
EXTENSION	1,341,825	-0-	-0-	-0-	-0-	(57,368)	-0-	-0-	1,284,457
GREEN BAY	-0-	-0-	-0-	2,500	-0-	9,010	-0-	-0-	11,510
LA CROSSE	-0-	-0-	-0-	210	-0-	-0-	-0-	-0-	210
MADISON	108,700	83,843	142,266	1,024,353	87,200	11,149,642	211,006	475	12,807,486
MILWAUKEE	6,000	281,843	-0-	122,368	114,745	421,438	2,072,225	-0-	3,018,618
OSHKOSH	-0-	-0-	-0-	-0-	53,465	-0-	-0-	-0-	53,465
PARKSIDE	-0-	-0-	-0-	156,225	-0-	110,797	(289)	300	267,033
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	476,760	(10,330)	-0-	11,198	-0-	175,058	44,556	-0-	697,242
SUPERIOR	-0-	-0-	-0-	-0-	-0-	261,362	-0-	-0-	261,362
WHITEWATER	9,000	15,000	-0-	1,702	-0-	-0-	650	-0-	26,352
TOTAL DEC 1988	1,942,285	730,469	142,266	1,333,348	255,410	12,074,257	2,328,147	775	18,806,957
PREVIOUSLY REPORTED	5,020,642	8,082,652	634,114	6,466,225	458,653	95,501,590	55,911,417	85,889	172,161,183
GRAND TOTAL	6,962,928	8,813,121	776,380	7,799,573	714,063	107,575,847	58,239,564	86,664	190,968,139
TOTAL DEC 1987	1,437,408	2,327,332	33,429	1,773,313	219,574	10,210,028	17,036,173	6,523	33,043,778
PREVIOUSLY REPORTED	3,194,577	9,426,956	482,589	5,306,952	616,314	92,478,672	24,931,961	31,118	136,469,139
GRAND TOTAL	4,631,985	11,754,288	516,018	7,080,265	835,888	102,688,700	41,968,133	37,641	169,512,918
FEDERAL TOTAL DEC 1988	617,669	642,387	127,815	251,896	168,210	8,003,358	2,111,256	-0-	11,922,591
PREVIOUSLY REPORTED	1,363,821	7,089,501	192,012	2,166,591	151,103	65,191,625	53,761,095	-0-	129,915,748
FEDERAL GRAND TOTAL	1,981,490	7,731,888	319,827	2,418,487	319,313	73,194,983	55,872,351	-0-	141,838,339
FEDERAL TOTAL DEC 1987	521,087	2,264,952	-0-	310,705	219,574	5,978,447	16,406,427	-0-	25,701,191
PREVIOUSLY REPORTED	1,198,497	8,566,928	-0-	1,814,819	554,313	64,312,056	23,236,659	-0-	99,683,272
FEDERAL GRAND TOTAL	1,719,584	10,831,880	-0-	2,125,524	773,887	70,290,503	39,643,086	-0-	125,384,463

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

1989-91 MEETING SCHEDULE1989:

July 6 & 7 (UW Center-Richland)

August 10 & 11

September 7 & 8

October 5 & 6 (UW-Eau Claire)

November 9 & 10

December 7 & 8

1990:

January 4 & 5

February 8 & 9

March 8 & 9

April 5 & 6

May 10 & 11 (UW-Milwaukee)

June 7 & 8 (Annual Meeting)

July 12 & 13 (UW-Superior)

August 9 & 10

September 6 & 7

October 4 & 5 (UW-Stout)

November 8 & 9

December 6 & 7

1991:

January 10 & 11

February 7 & 8

March 7 & 8

April 4 & 5 (UW-Oshkosh)

May 9 & 10 (UW-Milwaukee)

June 6 & 7 (Annual Meeting)

12/88

UW-MADISON Cont.

- 3. 1987-89 Bardeen Laboratories Seventh Floor
Asbestos Abatement/Reinsulation (8807-21)
 - a. Asbestos Abatement & Pipe Insulation
Michael T. Robinson & Associates, Madison \$ 43,900.00
 - b. Sprayed-on Fire Proofing
HSA Contractors Inc., Milwaukee 20,500.00
 - c. TOTAL CONTRACT AWARDS \$ 64,400.00

D. UW-MILWAUKEE

- 1. 1987-89 Mitchell Hall Variable Speed Control
(8804-48)
 - a. All Work
Babcock Mechanical Co., Milwaukee \$ 72,507.00

E. UW-PARKSIDE

- 1. 1987-89 Physical Education Swimming Pool
Painting (8806-33)
 - a. All Work
Mobile Blasting and Painting, Milwaukee \$ 11,480.00

F. UW-STEVENS POINT

- 1. 1985-87 Paper Science Addition (8507-32)
 - a. Energy Management System
Johnson Controls Inc., Appleton \$ 8,195.67
- 2. 1987-89 College of Natural Resources Basement
Asbestos Insulation Removal (8805-50)
 - a. All Work
HSA Contractors, Inc., Milwaukee \$ 137,500.00

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

There are none to report this month.

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Physical Science Laboratory - Demolition of Milk House at Stoughton, nonpara.
A. On recommendation of the UW-Madison Chancellor and the approval of
the Secretary of the State Building Commission, the Milk House
located at the Physical Sciences Laboratory at Stoughton will be
demolished. It has a replacement value below the \$100,000 threshold
requiring preapproval by the Board of Regents. *Stev A*

UW-Whitewater - Bldg & Land -

x ref Bldgs, Naming of - (same, but add "at UW Whitewater")

B. ~~At the request of the UW-Whitewater Chancellor, the Computer Center Addition has been named "McGraw Hall" instead of "McGraw Computing Center" as approved by the Board of Regents.~~ *Non pers. Item B*

Athletic's Dept

C. ~~The UW-Madison Vice Chancellor for Administration has executed a Facility Use Agreement with the National "W" Club, Inc. which provides for the University's varsity football team to use the playing field area of the McClain Athletic Facility for practice prior to conveyance of the total facility to the University.~~ *Agreement with National "W" Club for varsity football practice at McClain Athletic Facility. Non pers. Item C*

Hospital & Clinics, Misc -

D. ~~The UW-Madison Vice Chancellor for Administration reports an agreement with the "As Low As Reasonably Achievable" (ALARA) program for the Clinical Science Center. Adoption of a written ALARA program is required by the Nuclear Regulatory Commission as part of the renewal process of broadscope license for the use of radionuclides on campus, and specifically under 10 CFR Part 35 for medical use of byproduct material. The purpose of an ALARA program is to assure that occupational exposure to radioactivity is kept as low as reasonably possible. The campus has subscribed to the ALARA concept for some time, so the program merely is a written acknowledgment of this commitment.~~ *Non pers. Item D*

Bldg & Land

(Madison Gas & Electric)

E. ~~Officers of the Board have executed an agreement under general authority granted by Resolution 518 (06/08/73) granting a Right-of-Way Grant to Madison Gas and Electric Company for Underground Electric Service to UW-Madison's new Police and Security Building at 1429 Monroe Street.~~ *Non pers. Item E*

Memorial Union Bldg.

F. ~~The UW-Madison Vice Chancellor for Administration has executed an agreement with Adelman Travel Systems which will provide for the leasing of approximately 546 square feet of space in the Memorial Union. This bid was solicited by the Wisconsin Union through the regular procurement process for services to be provided to Union members and other members of the University community by a private travel agency.~~ *Non pers. Item F*

UW-Platteville - Bldg & Land -

G. ~~Officers of the Board have executed an agreement under general authority granted by Resolution 518 (06/08/73) granting an Easement to Wisconsin Power and Light Company for Electric Service to UW-Platteville. Said easement to be 12 feet in width, lying 6 feet on each side of the centerline of the location as approved by the Grantor. Exact legal description is on file in the Office of the Secretary and is needed in conjunction with electrical system improvements on the campus.~~ *Non pers. Item G*

University Avenue, 600

H. ~~The UW-Madison Vice Chancellor for Administration has executed a Second Revised Memorandum of Understanding for Use and Operation of a Temporary Parking Lot at 600 University Avenue. This agreement was necessary because the temporary surface lot consists of 85% City/CDS-owned land and 15% University-owned land.~~ *Non pers. Item H*

x ref Parking Areas - (same)

1. University of Wisconsin Press Agreements:

AUTHOR	TITLE
Dianne Walta Hart	A Nicaraguan Family History
Virgil H. J. Vogel	ANCIENT ECHOES: Indian Names on Wisconsin's Map