Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: February 11, 1983. 1983

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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, February 11, 1983  
8:00 a.m.  

- President Beckwith presiding -

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

ABSENT: Regent Grover

Upon motion by Regent Fish, seconded by Regent Podlesny, it was voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on December 10, 1982, be approved as mailed to the members of the Board.

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REPORT OF THE PRESIDENT OF THE BOARD

Regent Zirbel, President of the State Board of Vocational, Technical and Adult Education, reported that the VTAE System was working on plans for retraining unemployed persons and that the Board had received a report from the Department of Public Instruction regarding use of federal funds for 194 programs which served more than 600 students, with 34 new programs ready for approval. At its March meeting, the Board was to discuss the Wisconsin Higher Education Grant (WHEG) program.

Regent Beckwith added that, after eight years of litigation, it appeared Madison Area Technical College would be able to proceed with its plan to build a new structure.

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With reference to the report of the meetings on January 7 of the Higher Educational Aids Board and the Wisconsin Higher Education Corporation (copy on file with the papers of this meeting), Regent member
Finlayson said the question of concentrating WHEG awards in the first two years of postsecondary education had been deferred, due to the strong feelings which were expressed about that matter.

Noting that the issue would again be considered by HEAB in April, Regent member Schilling added that Vice President Lyall was to present a report on the WHEG program to the Education Committee at its March meeting. It was hoped this information would enable the Regents to take a position regarding the proposals before HEAB.

Regent Lawton, Chairman of the Council of Trustees of the UW Hospital and Clinics, reported that at its meeting the preceding day the Council had received a six-month report on the status of the hospital, which revealed that although the patient census was down, the intensity of care being provided was at a high level. The hospital, therefore, remained in good financial condition. A report by the Department of Ophthalmology also was presented.

Turning to a recent funding problem, Regent Lawton explained that for 60 years the hospital had treated county welfare patients, with payment being made half by the state and half by the counties. The program's funding, which was changed from a sum-sufficient to a sum-certain basis, had been exhausted in January, he stated, adding that it was hoped the program could be restored in the near future.

President Beckwith announced the formation of a Regent Selection Committee, composed of Regents Gerrard, Podlesny and Zirbel, for the position of Executive Dean of the UW Centers. He indicated that meetings of the Committee should be held in conjunction with regular Board meetings because of the amount of travel involved, particularly for Regent Podlesny.

REPORT OF THE PRESIDENT OF THE System

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

Resolution 2744: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.
President O’Neil’s Third Annual Report was distributed to the Board. (The report is on file with the papers of this meeting.)

**Minnesota-Wisconsin Tuition Reciprocity Agreement**

The President made a statement regarding the Minnesota-Wisconsin tuition reciprocity agreement.

Noting that he had been invited by Governor Earl to join him and Minnesota Governor Perpich the preceding day for discussions concerning the compact, he said the two governors had agreed on a proposal which would preserve the essence of interstate tuition reciprocity. He then outlined general guidelines for the revised agreement, adding, however, that details remained to be worked out.

The other issue concerned the form in which this new agreement would be embodied, he continued, stating the hope that Minnesota might be willing to enact legislation which would give the compact a durability which it presently lacked, inasmuch as the existing Minnesota commitment was based only on administrative, rather than legislative, action. There also remained the question of whether financial aids might be available from either state for its students attending universities in the other state. Noting that grants from neither state were portable under the present compact, he said both governors appeared willing to consider the prospect of portability in the revised agreement.

In conclusion, he stated: "This prompt resolution of the reciprocity issue is to me extremely encouraging. It reflects not only the close interdependence of our two adjacent states but also gives further evidence of Governor Earl's willingness to represent and protect vital educational interests and opportunities for Wisconsin citizens. The preservation of this unique and remarkable educational 'free trade' region seems to me a major victory for public higher education in both states."

Chancellor Shain introduced Dean John Bollinger, of the UW-Madison College of Engineering, who provided a presentation on robotics in demonstration of how the university interacted with industry at a technological level and how it thus had an impact on economic development in the state.

Noting that robotic devices had been in use for many years, he defined a robot as a machine designed to provide generation of motion under extremely precise control for the application of mechanical tasks. What had changed in recent years was the introduction of the computer, which allowed the addition to robotic devices of sensory perception and some form of artificial intelligence. The robot serves much the same purpose in the manufacturing industry as the milking machine serves in agriculture, he explained, in that it extends human capability by relieving people of tedious work and taking them out of hazardous environments.

Maybe there should be a reference under **Industrial University Relationship to Private Sector**
In a video presentation, he provided a number of examples showing how robots performed such tasks, including their use in foundry and press industries, which involved contact with hazardous machines, in a caustic environment, which would be unhealthful for humans, and in spray-painting automotive parts. Probably the most widely-known application of robotic devices was in the fabrication of sheet metal bodies for the automotive industry, he indicated, showing examples of the use of robots in welding processes and how they were programmed.

Turning to the historical background, Dean Bollinger spoke about the achievement of the A. O. Smith Company of Milwaukee during the 1920s in becoming the world's most automated manufacturing plant, which for years provided the firm one of the best returns on investment in the country. After the plant finally became obsolete because of new technology and the desire for more freedom in the design of automotive frames, the company came to the university in 1963 for help in automating the welding process to achieve a factory of the future in the welding business that would parallel its earlier achievement. Grants were received for a university research program and a seam-tracking welding machine—actually a robot—was developed.

Further research sponsored by the A. O. Smith Company produced an industrial automated welder, which was believed to be the first computer-controlled welding machine in the world. Work at the university proceeded for many years, each step developing new basic ideas which were then turned over to sponsors and disseminated to the public through publications, with various industries involved in the machine's fabrication. This computer control then set the stage for new activities because it demonstrated that computers could, in fact, control very complex machines.

In finding the solution of this specific industrial problem, Dean Bollinger continued, much had been learned about automation of mechanisms for duplicating geometry, but there were still many problems to be solved. An industrial foundation gave the College of Engineering a grant to investigate the fundamental problem of describing geometry as a result of touching it, and a device was developed which could steer a machine around an object in any desirable fashion. Having demonstrated that it was possible to guide machinery opened up more new avenues, and an industrial consortium was formed to support further research. He showed examples of machines finding their way around contours without being programmed, the information gathered by the probing device being translated back to the robot manipulator to perform a task.

As an additional illustration, he spoke of research performed in conjunction with the Oscar Mayer Company, using a company-owned robot. What was developed was a system in which establishing geometry, programming and reproducing a process all were accomplished automatically, through the technology known as computer-aided design/computer-aided manufacturing (CAD/CAM).
The Dean concluded his presentation with a film clip of a recent Milwaukee news report on one of the world's largest manufacturers of robots moving its division headquarters to New Berlin—the first such move of a high-tech industry to the Milwaukee area. Stating the reasons for their decision, the company president commented on the availability of quality personnel and CAD/CAM advantages.

Noting that the computer design team to which the news report referred was the same College of Engineering team that had been involved in robotics research, Dean Bollinger said a Milwaukee business group had financed a project by university faculty to put together a package of research which interested the new company and had a significant impact on its decision to come to Wisconsin.

Regent Beckwith asked the Dean to comment on benefits accruing to the university from the research he described, and Dean Bollinger indicated that funding received was used to pay graduate students and faculty summer salaries, as well as for the occasional purchase of equipment and computer costs.

In response to an inquiry by Regent Heckrodt about patents, the Dean explained that inventors have three options: giving the patent to the Wisconsin Alumni Research Foundation, giving or selling the patent to another party, or patenting the invention themselves. In the A. O. Smith project, most patents were assigned to the company by choice of the faculty and students involved, he said, adding that the inventors had full permission to publish the results of their research.

Noting that invention of the milking machine had enabled farms to become larger, thus reducing employment in agriculture, Regent O'Harrow said he was delighted with the Ashland Experimental Farm's work concerning small farming operations. He asked how the technology involved in robotics could be conveyed to small businesses. Remarking that one way would be to deliver education to communities where small businesses are located, Dean Bollinger said the challenge was to emulate the successful outreach efforts conducted in the field of agriculture.

Chancellor Shain pointed out, however, that agricultural extension programs were made possible by land grant funds, which were not available for use in other areas.

Regent Beckwith observed that it might be helpful if the Dean's presentation could be made to legislators as an example of actual industry/university relationships and the types of research which were performed.

Mr. Scott Bentley, President of the United Council of UW Student Governments, spoke first in support of tuition reciprocity, expressing appreciation to President O'Neill and Governor Earl for their efforts to preserve an agreement with Minnesota.
On another issue, he indicated that a bill was being drafted which would require that the fall semester begin after Labor Day and that United Council vigorously opposed such legislation on the basis that academic calendars should be formulated at the campus level with appropriate student input. He then reported that the attempt was being made to bring student governments from Center institutions into United Council.

In conclusion, he urged the Board to consider a resolution regarding the Solomon Amendment. Noting that laws for the enforcement of draft registration compliance were already in existence, he stated that it would be wrong for the university and its personnel to be placed in the role of enforcing them. Financial aid officers, he said, would also be obligated to accept increased administrative burdens, such as notifying all Title IV aid recipients of their obligation to submit a statement of draft registration compliance, verifying those statements and recovering any aid money distributed to applicants who chose dissension, delinquency or who simply could not produce documentation confirming their registration. Stating that the Solomon Amendment would create delays and possible denials of student aid, as well as require university officials to devote large amounts of time and money to administer the regulations, he asked that the Board adopt a motion recognizing such consequences and suggested that more substantial steps be taken upon release of the final regulations.

REPORT OF THE EDUCATION COMMITTEE

Chairman Schilling presented the Committee's report, noting that all regents were invited to the portion of the meeting at which the report of the Joint Council on College Preparation, collective bargaining and the Solomon Amendment were considered.

The first item on the Committee's agenda was the report of the Joint Council on College Preparation, which had been prepared as one response to Regent review of the separate but related areas of student competencies, admission standards and remedial programs. It was pointed out by Regent Schilling that discussion would continue and that, while the statement of the Joint Council made an important contribution, it should not be viewed as the entire solution to the problem.

Regent Grover and President O'Neil, who co-chaired the Joint Council, then commented on the report. Observing that members of the Council served as individuals rather than as representatives of their institutions, and that he had seldom seen so diverse a group work so effectively toward a shared goal, President O'Neil identified several special features of the report: the clear distinction between competencies and requirements; the distinction between the comprehensive document itself and implementation which must occur at the institutional level, with specific requirements for admission and placement determined by faculty; and a matrix for use in planning but not intended to substitute for admission requirements. He expressed the hope that the report would receive wide distribution, adding that it reflected the shared responsibility of the UW System and Department of Public Instruction for the quality of education in Wisconsin.
Stating that the matter of academic standards was of increasing concern throughout the country, Regent Grover stressed the importance of the principle recognized in the report that elementary, secondary and postsecondary education are interdependent. He expressed appreciation to the Joint Council for producing a document which he felt would greatly aid secondary schools as they examined their curricula and considered the educational development of young people. Other regents added their compliments with respect to the report, commenting that it should not hamper access, but rather should help students prepare to succeed in college.

Issues of concern raised in Committee included competencies for elementary-level students, inclusion of course material on contributions made by minority groups, and continued care in separating competencies from admission standards. It was pointed out that remedial course budgets might be reduced but the need for remedial work would continue, even if the goals represented in the report were attained.

The Committee also heard from Professor Ethel Sloane, Department of Zoology, UW-Milwaukee, and Dr. Timothy Quinn, District Administrator of the Green Bay School District, both of whom were members of the Joint Council. In her remarks, Professor Sloane pointed out that several other states had developed documents similar to the report. Thanking the Regents for their leadership in this area, Dr. Quinn emphasized that the long-awaited report would have a positive impact on school curricula and graduation policies.

In response to a question during the Committee meeting from Chancellor Horton, it was clarified that the report would not preempt statements on competencies developed by System institutions, but was intended to supplement such materials. Professor Anatole Beck, of the Department of Mathematics, UW-Madison, commented on the makeup of the Joint Council and expressed concern regarding mathematics training needs of students who wish to enter the fields of engineering, physics and chemistry.

Adoption by the Board of Resolution 2745 was moved by Regent Schilling, seconded by Regent Fox and voted unanimously.

Resolution 2745: The University of Wisconsin System Board of Regents is pleased to receive the report of the Joint Council on College Preparation entitled "Preparation for College" and commends the advice it contains on appropriate academic preparation for college to all parents, teachers, students, school boards, and others concerned with improving the educational future of Wisconsin's students. The Regents urge that the report be given wide dissemination within the state through such initiatives as:

* Issuing a joint press release calling the statement to the attention of the general public;
* Sending a joint letter from DPI and the UW System to the parents of all eighth grade students enclosing a condensed version of the statement on "Preparation for College";

* Developing a media presentation with introductory statements from each co-chairman for use with secondary school students, counselors, and parents in reinforcing the recommendations of the Council;

* Encouraging individual universities and their departments to use this statement in expanding their individual relations with secondary schools and students;

* Urging professional organizations in the fields addressed by the statement to include sessions pertinent to these issues at their annual meetings;

* Seeking opportunities to present and discuss the statement and its implications with local school boards and school administrators;

* Making special efforts to reach minority and disadvantaged students about the significance of the statement through appropriate committees of the UW System and DPI.

(The report is attached as Exhibit A.)

President Beckwith commended the Joint Council, stating that through its efforts a report had been produced which should be very helpful to the state's schools and students.

Regent Schilling reported that President O'Neill had summarized for the Committee the major provisions of the federal Solomon Amendment and proposed regulations which appeared in the Federal Register for comment. There were three features of the regulations which the President found particularly troubling and which appeared to go beyond statutory intent: all financial aid applicants, even those not subject to the draft, would have to state compliance or reasons for nonregistered status; the proposed verification procedures were not responsive to the stated legislative intent that implementation should minimize the administrative burden on colleges and universities; and there was no basis in the law for requiring verification of registration before awarding financial aid. It was noted that President O'Neill served on an American Council on Education committee that was to review and comment on the proposed regulations.
System Counsel Charles Stathas then reviewed the status of the preliminary injunction sought by the Minnesota Public Interest Research Group and three unnamed plaintiffs, on which a decision was expected by the end of February.

Two students appeared before the Committee. Mr. Scott Bentley, President of the United Council of UW Student Governments, distributed a resolution passed by the University of Minnesota Board of Regents and asked that this Board adopt it. Mr. Gillam Kerley, of the Madison Draft Resistance Coalition, also spoke in opposition to the Solomon Amendment.

In Committee discussion, the comment was made that it would be improper to require the university to police students for the selective service system, and concern was expressed about the administrative burden of such duties on the universities. Regent Finlayson moved and Regent Lawton seconded adoption of the resolution circulated by the President of United Council. The motion was tabled on a vote of 12-3, upon motion by Regent Fish, seconded by Regent Jesinski. It was then requested that a resolution be drafted for consideration by the full Board.

While alternate resolutions were being distributed to the Board, Regent Schilling continued the Education Committee report. See pages 10-14 for discussion and action regarding the Solomon Amendment.

The Committee reviewed a series of documents regarding collective bargaining. It was noted by Associate Vice President Lemon that companion bills (Assembly Bill 76 and Senate Bill 65) had been introduced to extend bargaining rights to graduate students employed in the System and that System Administration would review and analyze them before the next Board meeting. In addition, there would be an update on occurrences around the country with respect to faculty collective bargaining. Dr. Edward J. Muzik, Executive Secretary of The Association of University of Wisconsin Faculties, distributed and summarized a statement reviewing TAUFW's position on collective bargaining.

Regent Schilling reported that the Wisconsin Public Broadcasting and Telecommunications Study was presented to the Committee, with Vice President Lyall noting that it had been prepared jointly by the Department of Administration, Educational Communications Board and UW System, as required by the provisions of Chapter 2011(1)(c) of the 1981 Session Laws. Dr. Kenneth Warren of System Academic Affairs served as the UW System's representative. The other two agencies had approved the report and copies had been circulated to the campuses for comment.

The following resolution was adopted unanimously by the Board, upon motion by Regent Schilling, seconded by Regent Podlesny:

-9
Resolution 2746: Upon the recommendation of the President of the University of Wisconsin System, the Board of Regents acknowledges receipt of the report, Wisconsin Public Broadcasting and Telecommunications Study, and authorizes its transmission to the Governor and Legislature as stipulated in Section 2011(1)(c) of Chapter 20, Laws of 1981.

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

Proposed revisions to the by-laws of the Council of Trustees of the UW Hospital and Clinics were presented to the Committee by Regent Lawton, Chairman of the Council, who explained that the changes were being recommended to meet new standards of the Joint Commission on Accreditation of Hospitals. In response to suggestions made at the meeting for further language modifications, the Committee approved Resolution 2747.

Regent Schilling moved adoption of that resolution, and the motion was seconded by Regent Finlayson.

Resolution 2747: That the proposed revisions of the By-Laws of the Council of Trustees of the UW Hospital and Clinics, UW-Madison, be referred back to the Council of Trustees for consideration of the suggestions made in this meeting (copy on file with the papers of this meeting).

Regent Lawton felt those revisions would be acceptable to the Council, but added that accreditation requirements would need to be reviewed.

Put to the vote, Resolution 2747 was unanimously adopted.

The Board then resumed discussion regarding implementation of the Solomon Amendment, two resolutions having been distributed for consideration.

Resolution: That the Board of Regents believes that proposed federal regulations (published at 48 Federal Register 3920-3926, January 27, 1983), issued by the Secretary of the Department of Education in consultation with the Director of the Selective Service, place an inappropriate and undue burden on universities to secure the implementation and enforcement of the federal statute known as the Solomon amendment; and that, without taking a position on the wisdom or constitutionality of the Solomon amendment as a matter of public policy, the Board opposes the issuance, in final form, of regulations which have not been modified so as to reduce or eliminate these improper burdens.
Resolution: The University of Wisconsin System Board of Regents oppose the proposed federal regulations which would implement the Solomon Amendment by requiring colleges and universities to adopt burdensome and expensive procedures in the administration of financial aid for students. We believe that the administrative costs and burdens of enforcing the nation's draft registration laws are not appropriately borne by institutions of higher education and we urge the Secretary of the U.S. Department of Education and the Director of the U.S. Selective Service to revise the proposed regulations and, if required, changes in the statutes, to eliminate all such costs and burdens.

The Regents direct that copies of this resolution be delivered to all members of the Wisconsin Congressional delegation, the Secretary of the U.S. Department of Education, and the Director of the U.S. Selective Service.

Presenting the second resolution, Regent Beckwith pointed out that it differed from the first by eliminating the phrase, "without taking a position on the wisdom and constitutionality of the Solomon Amendment as a matter of public policy." The thrust of the resolution was that it would be inappropriate for institutions of higher education to bear the administrative costs and burdens of enforcing the nation's draft registration laws and that the regulations should be modified, along with the statute, if necessary, to eliminate all such costs and burdens.

Regent Veneman favored the first resolution, inasmuch as it did not take a position on the statute, but rather emphasized the burdens placed upon the university.

Noting that the second resolution requested changes in the statute, Regent Fish said the problem was not in the law but, rather, in the proposed rules for its implementation. Although he indicated he could vote for the first resolution, he expressed preference for a simple statement commending the efforts of President O'Neil and the ACE to effect a more appropriate interpretation of the Solomon Amendment enforcement procedures.

Regent Lawton stated that he could not support either resolution, inasmuch as they did not address the moral issue involved. Pointing out that only those students who were not wealthy enough to do without financial aid would have to prove they had registered, he said the Board should urge repeal of the Solomon Amendment. While he expressed confidence in representation by President O'Neil with respect to the constitutional issues involved, he emphasized that the Board's action should "recognize right from wrong on a simple judgmental basis. If there is discrimination against the poor and minorities, we should raise our voice, rather than hide it in a wishy-washy resolution of this nature."
Inasmuch as students need only to register in order to be eligible for financial aid, Regent Heckrodt did not regard the Solomon Amendment as discriminating against the poor. It should not be the purpose of the resolution, he felt, to comment on moral issues concerning draft registration.

For the purpose of bringing the question forward for further discussion, Regent Fish moved adoption of the first resolution, and the motion was seconded by Regent Veneman.

Defining the issue before the Board, President Beckwith said the question was whether it would be wise for the Board to speak to the moral and/or constitutional issues underlying the Solomon Amendment, whether it would be more appropriate to speak only to the burdens which that amendment placed upon higher education, or whether the Board should take no action at all on the matter.

Regent Finlayson stated that she would vote against the motion before the Board because it focused exclusively on burdens placed on the university and did not address other issues. "I do not think it is strong enough. But I feel we certainly should take some action."

Regent Fox expressed opposition to the first resolution and lack of enthusiasm for the second one, on the basis that he saw no logical connection between financial aids and registering for the draft. "If we accept our role as police in this, what other federal policies are we going to have to enforce through our financial aids program? It just seems to me to be a bad law, and it seems to me that the regulations are absurd."

Indicating that he agreed with Regent Fox, Regent O'Harrow noted that the university could be required to enforce any number of other federal regulations in the same manner.

It was suggested by Regent Schilling that both concerns might be accommodated by amending the resolution which had been moved to strike from the sixth line the words "an inappropriate and undue burden," and substitute the words "inappropriate responsibilities and undue administrative burdens," and then to strike the phrase "without taking a position on the wisdom or constitutionality of the Solomon Amendment as a matter of public policy." While he did not think it was much of a burden to require people to register, he did not feel the thrust of the resolution should be to debate that issue. Whether or not the Solomon Amendment was a good idea, he said, "I don't think there is any question that it is an inappropriate responsibility for the University System to police this for the Selective Service System."

Regent Beckwith noted, however, that the position taken by Regent Fox was that the Solomon Amendment itself unwisely linked the selective service and the financial aids program and that, further, the regulations proposed for implementation burdened universities unduly to administer it.
Emphasizing that he did not wish to attack the draft law, Regent Lawton stated that what he opposed as discriminatory was the tying of draft registration to financial aid.

Regent Schilling moved that the resolution before the Board be amended as he had suggested, and the motion was seconded by Regent Veneman. At the recommendation of President Beckwith, and with the consent of Regents Schilling and Veneman, the second paragraph of the second resolution was added for the purpose of implementation. The resolution, with the proposed amendment, then read as follows:

Resolution 2748: That the Board of Regents believes that the proposed federal regulations (published at 48 Federal Register 3920-3926, January 27, 1983), issued by the Secretary of the Department of Education in consultation with the Director of the Selective Service, place inappropriate responsibilities and undue administrative burdens on universities to secure the implementation and enforcement of the federal statute known as the Solomon Amendment; and the Board opposes the issuance, in final form, of regulations which have not been modified so as to reduce or eliminate these improper responsibilities and burdens.

The Regents direct that copies of this resolution be delivered to all members of the Wisconsin Congressional delegation, the Secretary of the U.S. Department of Education, and the Director of the U.S. Selective Service.

President Beckwith asked Mr. Daniel Strouse, Assistant to the System President, if the proposed resolution was an appropriate method of commenting on the regulations, to which Mr. Strouse responded in the affirmative, adding that comments were to be submitted by the end of February.

Regent Fox then moved that the resolution be further modified by inserting in the first line, between the words "that" and "the," the words "the Solomon Amendment and."

Regent Jesinski observed that it was the proposed federal regulations, rather than the Solomon Amendment itself, which would impose administrative burdens. Therefore, he said he would vote against that further amendment.

On a roll-call vote, the amendment proposed by Regent Fox was defeated, with Regents Finlayson, Fitzgerald, Fox, Gerrard, Lawton, O'Harrow and Podlesny voting "Aye" (7) and Regents Beckwith, Fish, Heckrodt, Jesinski, Knowles, Schilling, Veneman and Zirbel voting "No" (8).

The question was put on the amendment to the resolution, as proposed by Regent Schilling, and it was approved on a voice vote, with Regents Finlayson, Fox and Lawton voting "No."
The amended resolution then was adopted, with Regents Finlayson, Fox and Lawton voting "No." It was stated for the record that those who had voted against the resolution did so because of their belief that the Board's action should have addressed the Solomon Amendment directly and urged repeal of that statute, rather than being confined to opposing the proposed regulations for implementation.

Regent Schilling commented that the issue might be returned to the Board for a vote on the Solomon Amendment itself if the implementing regulations were not changed. At such time, he thought other Regents might view the matter differently.

Continuing the report of the Education Committee, Regent Schilling stated that the Committee approved a proposed amendment to UW-Milwaukee faculty personnel policies and procedures, which clarified the process for granting voting rights to academic staff. Vice Chancellor Norma Rees noted that the amendment made procedures outlined in this section consistent with those included in other rules and that the granting of faculty status to academic staff seldom occurred at UW-Milwaukee. Committee members expressed a desire to look in detail at the issue of academic staff in the UW System, and Regent Schilling added that he would be pleased to receive any questions which Board members might wish to raise about that matter.

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

Resolution 2749: That, upon the recommendation of the President of the University of Wisconsin System and the University of Wisconsin-Milwaukee Chancellor and Faculty Senate, the following amendment to Chapter 1.01 of the UW-Milwaukee faculty personnel policies and procedures as required under UWS 2.02 be approved:

Chapter 1.01 Strike existing Chapter 1.01(1)(b) and replace it with the following:

(1)(b) The foregoing does not deny University Faculty status to any person holding same previous to July 1, 1964. A full-time member of the teaching academic staff who has a probationary or indefinite appointment and who has voting rights in the department (4.02) and in the college or school (2.02(2)) may, subject to an affirmative recommendation by the department or its functional equivalent and approval by the faculty senate and the Chancellor, be designated as having faculty status. Faculty status means the right to participate in the faculty governance of the University. Faculty status does not confer rank or tenure, or convert an academic staff appointment into a faculty appointment.
Proposed amendments to UW-Superior faculty personnel rules and procedures were reviewed by the Committee, with Vice President Lyall noting that the changes were largely housekeeping details, meant to bring the rules in line with the organizational change from a departmental to a divisional structure. In addition, the amendments would delete a controversial section under which a faculty member's contract could be extended for up to three years after the time when a final tenure decision would normally have to be made.

Upon motion by Regent Schilling, seconded by Regent Podlesny, Resolution 2750 was adopted unanimously.

Resolution 2750: That, upon the recommendation of the President of the University of Wisconsin System and the University of Wisconsin-Superior Chancellor and Faculty Senate, the revisions to Chapters 3 through 7 of UW-Superior's Faculty Rules and Procedures as approved under UWS 2.02 be approved.

(The amendments are on file with the papers of this meeting.)

The Committee received a report on the five-year review of the B.S. in Health Care Administration at UW-Eau Claire. It was noted that the program had proven to be very attractive to students and that recommendations by the joint UW-Eau Claire-Office of Academic Affairs review group included encouraging the faculty to monitor enrollments and the practicum experience required of all majors. Professor Carol Klun, director of allied health programs at UW-Eau Claire, described the advisory group and other activities designed to maintain quality in the preceptorships, which had been adapted over the years to help students prepare more effectively for the Wisconsin licensure examination for health care administration.

The Committee was advised of UW-Whitewater's agreement to store the records of Milton College, which had closed. Members of the Committee commended Chancellor Connor for accepting this responsibility, so that transcripts would be available to former Milton students.

Concluding his report, Regent Schilling moved adoption of the following resolution, which had been approved in closed session of the Education Committee, and the motion was seconded by Regent Zirbel:
Resolution 2751: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Stanley J. Peloquin be changed from Professor, Departments of Horticulture and Genetics, College of Agricultural and Life Sciences, to Campbell-Bascom Professor, Departments of Horticulture and Genetics, College of Agricultural and Life Sciences, UW-Madison, effective immediately with no change in salary.

Regent Beckwith pointed out that Professor Peloquin's research was instrumental in improving potato breeding, and Regent O'Harrow added that members of the Board had an opportunity to view some of his work while touring the Peninsular Experimental Farm.

Put to the vote, Resolution 2751 was unanimously adopted.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Vice Chairman Fish reported for the Committee.

At a portion of the meeting to which all Regents were invited, President O'Neil reported on Governor Earl's recommendations for the 1983-85 UW System Biennial Budget, noting that Regent President Beckwith, Chancellor Horton and he had met with the Senate Education Committee and the Assembly Higher Education Committee. Although the Governor's recommendations included a higher percentage of the Regents' request than at any time in the past decade, about half of the request for items other than debt service and utilities had been denied. President O'Neil then described in some detail the major components of the Governor's proposal for the operating budget and identified items that were not recommended. Because the capital budget was being considered that day by the Higher Education Subcommittee of the State Building Commission, the President deferred comment on that portion of the budget. There were questions and discussion about the Governor's recommendation on the appropriation to the UW System for research and public service, and Regent Beckwith asked that illustrations for the use of funding be developed.

The monthly list of gifts, grants and U.S. government contracts was reviewed by the Committee, with Executive Vice President Kauffman noting that the last two months' activity exceeded that of the prior year, and the current year-to-date total was almost $2 million more than at the same time the previous year. The two months' listing included 72 research grants from the National Institutes of Health for $6.2 million and 33 research grants from the National Science Foundation for $3.7 million.
It was moved by Regent Fish and seconded by Regent Jesinski that the following resolution be adopted:

Resolution 2752: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

Regent Fish pointed out that in just the month of February $7.5 million was received from the federal government for student aid, bringing the year-to-date total in that category to almost $31 million. Referring to a report in The Chronicle of Higher Education that total commitments to student financial aid were at the highest level in history, he remarked that, in discussing such aids, the amount of money flowing into those programs should be kept in mind.

The question was put on Resolution 2752, and it was adopted unanimously.

The Committee next considered two bequests, the first of which was from the late Hovagim Mouradian of West Allis, Wisconsin, whose will provided for a scholarship fund at UW-Milwaukee with any residue from a trust established for his heirs. The amount of the bequest was unknown, pending final distribution of the estate. Mr. Mouradian had no formal affiliation with the University of Wisconsin.

The following resolution was unanimously adopted, upon motion by Regent Fish, seconded by Regent Jesinski:

Resolution 2753: That the bequest of the late Hovagim Mouradian, West Allis, Wisconsin, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Milwaukee.

A bequest from Mr. Thomas L. Peterson of La Salle, Illinois, was approved by the Committee. Mr. Peterson had originally resided in Waukesha, Wisconsin, and received a B.S. degree in 1960 from UW-Milwaukee, with majors in economics and history. His last will and testament provided that all the rest, residue and remainder of his estate be devised and bequeathed to the University of Wisconsin at Madison for the purpose of expanding or maintaining their North American History Library. Because the estate was pending, the full amount of the bequest was not known.
Adoption of Resolution 2754 was moved by Regent Fish, seconded by Regent Podlesny and voted unanimously.

Resolution 2754: That the bequest of the late Thomas L. Peterson, La Salle, Illinois, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

Regent Fish reported that an additional item for consideration by the Committee was a request from the UW-Madison Wisconsin Student Association for reallocation of $2,500 of fiscal 1982-83 segregated fee monies, the purpose being to underwrite a portion of the legal expenses incurred by the Wisconsin Hall Tenant Association in its efforts to prevent the eviction of students and loss of services to students under their prepaid academic year contracts with Wisconsin Hall.

In discussion, it was noted that the Madison Apartment Owners Association, affected students, and other interested persons had already contributed money to this cause. Because of the unusual circumstances, the Committee felt it was permissible to reallocate for this purpose funds which had been previously allocated to WSA under the annual segregated fee budget. The situation was something that could not be foreseen at the time the students made the allocation, Regent Fish stated, adding that the Committee wished to emphasize the point that the Regents should not become a court of last resort for a project which was requested but denied in the initial allocation process. "This, we wanted to identify as an unusual circumstance that deserved unusual treatment."

Upon motion by Regent Fish, seconded by Regent Veneman, Resolution 2755 was unanimously adopted.

Resolution 2755: 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 Wisconsin Student Association to reallocate $2,500 of fiscal 1982-83 segregated fee monies to underwrite a portion of the legal expenses incurred by the Wisconsin Hall Tenant Association in its efforts to prevent unwarranted eviction and loss of services from Wisconsin Hall, be approved.
REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

The first item considered was a request for approval of three concept and budget reports: one for UW-Milwaukee, one for UW-Superior, and a third affecting all four-year System units except UW-Green Bay and UW-Parkside. At UW-Milwaukee, the concept and budget report was for the Enderis Hall remodeling and addition project at a total estimated cost of $3,246,000 from GPR funds, an amount which included $2,740,000 for the remodeling and addition portion (as approved by the Regents in October, 1982), $254,000 for energy retrofit costs, and $252,000 for new perimeter heating to correct an existing problem. Enderis Hall, a classroom and faculty office facility presently occupied by the schools of Education and Social Welfare, was being modified to also accommodate the space needs of the School of Allied Health Professions.

The UW-Superior project involved $1,015,000 of GPR-supported borrowing for energy modifications in nine buildings. The items identified were based on two field audits of each building, the results of which were used by the consultant in developing the concept and budget report.

The third project involved the furnishing and installation of hallway and stairwell smoke detectors in 110 dormitories and 58 apartment-type facilities, as required by the State Department of Industry, Labor and Human Relations. These detectors were to be connected by hard wire in conduit to an annunciator panel which would sound the building fire alarm system and identify the location of the alarm source on locator panels. The revised total cost was $1,765,000 from non-GPR program revenues (construction design, supervision, and contingency portions of the budget having been omitted from the previously approved total).

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

Resolution 2756: That, upon the recommendation of the all UW System Chancellors (with the exception of UW-Green Bay and UW-Parkside) and the President of the University of Wisconsin System, the following concept and budget reports be approved, and authority be granted to plan, bid and construct, at the cost and from the funding sources indicated:

- **Enderis Hall Remodeling and Addition project**
  - $2,740,000 (GPR-General Obligation Bonding) and an additional $254,000 (GPR Energy Conservation Allocation) for energy retrofit costs and $252,000 (GPR-Preventive Maintenance Funds) for new perimeter heating for a total estimated revised project cost of $3,246,000.
Regent O'Harrow reported that the Committee approved a change in scope for the Arena remodeling minor project at UW-Eau Claire and authority to plan, bid and construct the Arena code-compliance major project at an estimated cost of $271,000 from GPR-supported capital improvement fund earnings - minimum maintenance/health and safety allocation. The proposal would delete all work of a code-compliance nature, retaining only the portion related to addition of storage space in the area previously occupied by the Student Health Service and replacement of existing wooden seating. The requested funds would be used primarily to provide DILHR-required additional exiting from the second level of the Arena.

Adoption of Resolution 2757 was moved by Regent O'Harrow, seconded by Regent Fitzgerald and voted unanimously.

Resolution 2757: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, approval be granted to reduce the scope of work for the 1981-83 Arena Remodeling minor project by deleting previously included code compliance work and authorize planning, bidding and construction of an Arena Code-Compliance major project at an estimated total project cost of $271,000 from GPR-supported Capital Improvement Fund Earnings-Min. Maint./Health and Safety Allocation.

The next agenda item requested approval of budget increases for three major projects, one at UW-Parkside and two at UW-Stout. The UW-Parkside request was for an increase of $38,000 for energy modifications, for a revised total cost of $1,746,000 from GPR-supported general obligation bonding. It was indicated that a number of additional items were required to make the project more functional, and UW-Parkside Assistant Chancellor Gary Goetz informed the Committee that it might be necessary to return at a future time for additional funding.
The first project at UW-Stout was for an increase of $71,000 in the budget for the Library Learning Center, for a revised total cost of $6,117,800 from GPR-supported general obligation bonding. The additional funds would cover the cost of correcting five significant heating and ventilating problems which developed shortly after this building was occupied late in 1982.

The second budget increase at UW-Stout was for $35,000 in the Bowman Hall remodeling project, for a revised total cost of $2,328,000 from GPR-supported general obligation bonding. This increase was needed to meet costs of a number of items of work which could not be determined prior to start of the project and were encountered as the actual building structure was opened and penetrated.

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

Resolution 2758: That, upon the recommendation of the UW-Parkside and UW-Stout Chancellors and the President of the University of Wisconsin System, authority be granted to increase the budgets for the following projects, by the amounts indicated, and funded by GPR-Supported General Obligation Bonding:

- **UW-Parkside - Buildings**
  - Energy Modifications - Four Buildings (Library Learning Center, Greenquist Hall - Laboratory Classroom Building, Physical Education Building, Physical/Plant Building) project, $38,000, for a revised estimated total project cost of $1,746,000.

- **UW-Stout - Buildings**
  - Library Learning Center project, $71,000, for a revised estimated total project cost of $6,117,800.
  - Bowman Hall Remodeling Project, $35,000, for a revised estimated total project cost of $2,328,000.

Referring to the UW-Parkside request, Regent Jesinski pointed out that the problem seemed to have been caused primarily by errors in design. He asked whether anything could be done to recover any of those costs.

In response, Mr. Wade Kumlien, Assistant Director, UW System Division of Architecture/Engineering/Physical Plant and Energy Management, explained that the problem at UW-Parkside was that it had been assumed at the outset that the building systems were operating as originally designed, when in fact there had been changes in the functions of the heating/ventilating system. Therefore the consultant's plan, which was based on the original design, did not function properly. Noting that energy conservation projects generally were quite complex, he said it was not expected that
Board of Regents meeting 2/11/83

they would proceed without the occurrence of some problems, although there had been more than the usual amount of difficulty with that particular consultant. He thought it unlikely, however, that costs could be recovered in this case because all parties involved contributed to the problem by making certain assumptions that turned out not to be true.

Chancellor Guskin commented that one major difficulty was that consultants did not spend enough time on the campus and therefore were unaware of changes which had taken place. In the case in question, he explained, a building had been modified for energy conservation reasons in 1974-75, but planning was based on the building's design when it opened in 1969, resulting in a very serious problem with air flow. Stating that the consultant's errors were costly, he observed that in future years it might be found that other parts of the project did not work as specified. In addition, he pointed out, the assumption of energy savings built into the plans was not going to be realized, thus creating financial problems for the campus and the System.

Regent Fish expressed agreement with Mr. Kumlien that most buildings involved in such projects were quite complex and that it was difficult to succeed in legal action against consultants because DSFM and university staffs also shared responsibility for the projects.

He then asked how the Board could act on these matters on February 11 when the Building Commission had already approved them on January 26, adding that when he served on the Commission, they would not act on a project which was not previously approved by the Board of Regents.

Mr. Kumlien indicated it was a matter of convenience and timing, inasmuch as the Board had not met in January.

In Regent Fish's view, the projects in question were not of so urgent a nature that submission to the Building Commission before Regent action was justified, and although he was willing to support the resolution, he felt the procedure which had been followed was erroneous. "Just as when I was on the Building Commission I wouldn't consider anything that hadn't come before the Regents, as a Regent, I don't want anything to be sent up there before the Regents have looked at it. It's already out of our hands because the Building Commission has already approved it."

Regent Podlesny remarked that she was distressed by the requested increases because the university's scarce dollars were needed to educate students. "We should demand and expect more from these people who are building our buildings and doing this work. We seem to be paying an awful lot for other people's mistakes."

It was noted by Regent Fox that the Executive Committee could act on short notice in the case of legitimate emergencies.

Regent Fish stated that in his judgment, when such an emergency situation occurred, no request should be presented to the Building Commission that had not at least cleared the Board's Physical Planning and Development Committee or been discussed with the Committee Chairman or the Regent President. Regent O'Harrow expressed agreement with that view.
It was stated by President Beckwith that the minutes would so record, and that portion of the minutes would be called to the attention of Vice President Winter.

Given the complexities of the building process, Regent Heckrodt asked if there was anything further the Regents could do to control its efficiency.

Noting that the Division of State Facilities Management had capable staff, Regent Fish pointed out that projects were returned to the Board only if contingency funds were not adequate to cover costs. He suggested that the Regents be provided with a list of projects for the past two years in which expenditures were less than the authorized budgets, adding that there probably were more projects in the latter category than in the former.

With respect to quality, he felt that architects tended to be more interested in planning the aesthetic aspects of a structure than the purely practical aspects. "I guess it is up to the Division of State Facilities Management and Regents to try to find some kind of a balance, and I think generally they have found a pretty good balance. We would make the points of getting into modular sizes on non-academic buildings, into the types of roof construction, into a great variety of things over the last dozen years, and I think we have made some progress." Observing that many of the buildings being renovated were 30-35 years old, he thought that, due to the complexity of the buildings and the size of the projects, there had to be some tolerance for error.

Regent O'Harrow said he shared Regent Podlesny's concern, especially with respect to projects such as the one involving the UW-Stout library. One way to approach the problem, he remarked, would be to construct new buildings on a turn-key basis, under which responsibility for the entire project, including any errors, would lie with a single contractor. "Now, this is a controversial kind of approach to public buildings, but maybe we are ready to hear a presentation about it. I personally would welcome it."

Secondly, he pointed out that in an effort to save public funds, the number of building inspectors had been reduced. As an example of the consequences, he cited the Merrill Hall repair at UW-Milwaukee (see page 30), which required $45,000 in emergency construction funds to replace what appeared to be shoddy workmanship resulting from lack of proper inspection.

With reference to the library project at UW-Stout, Regent Beckwith commented that it was difficult to understand how such fundamental design errors as lack of handicapped accessibility to the main entrance and an inadequate number of entrance doors could have occurred.

Noting that the building had just been completed in 1982 and that five major problems already had been discovered, Regent Podlesny observed that it would probably be less costly to pay more for inspectors than to correct all the mistakes.
Regent Heckrodt indicated that he shared the concerns which had been expressed, adding that the situation was complicated by the fact that much of the process was controlled by agencies outside the University System.

Recalling that the turn-key method had been used successfully for the state office building GEF III, Regent Fish pointed out, however, that the approach could create legal problems with respect to the state bidding law, on which waivers had to be obtained, and building on what actually was someone else's land at the time of construction. "It is a legal morass to build a turn-key operation. But on the other hand, it may well be, in many cases, worth going through that legal morass."

With respect to requesting additional funds for such clear needs as access for handicapped persons, Regent Fish observed that when money runs short it might be more convenient to leave out something obviously needed because added funding for that could be obtained more readily than for some other items—"in the same way that a local school board has a tendency to close down a library or to eliminate the band or the football team, because those things can get people excited and you can get the money back." In further illustration, he cited the failure to provide adequately for call centers from the rooms to the central desks at University Hospital.

Regent Veneman identified two reasons for caution about using the turn-key approach: First, it limited the number of interested contractors, and secondly, contractors bidding under it tended to include contingency funding adequate to cover almost any eventuality. "And you pay for that. On a very, very large project where you can't foresee all the problems, it has some advantages. But in medium to modestly large projects, you're going to pay more for it in the long run."

The question was put on Resolution 2758, and it was unanimously adopted.

Chairman O'Harrow continued the report of the Physical Planning and Development Committee, stating that the Committee considered a request from UW-Madison for authorization to proceed with the final platting of approximately four acres of the Seed Farm property and to seek rezoning by the City of Madison of 10 acres, located in the North Hill addition to the Hill Farms. These actions were to provide the university the ability to obtain approximately 155 acres of farm land located west of the city and north of the university-owned Mandt Farm, an acquisition which would complete the land holdings required for relocation of the Charmany/Rieder Farm activities. The proposed platting was consistent with long-standing assurances made to the neighbors in the area that the property bordering Buffalo Trail would be developed as single residences and had been supported by residents at recent neighborhood meetings.

The rezoning of land bordered by Sheboygan and Eau Claire Avenues from the existing residential classification to a planned urban development classification would permit construction of either office or multi-family residential facilities or a combination of both. Support for that proposal had been indicated by the City of Madison Common Council by its previous
grant of authorization for a preliminary plat of the properties. After disposal of the fourteen acres included in this request, the university would retain approximately six acres on which seed distribution operations of the College of Agricultural and Life Sciences would continue for the foreseeable future.

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

**Resolution 2759:** That, upon the recommendation of the University of Wisconsin-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to proceed with the final platting of the Seed Farm property so as to create thirteen single family residential lots along the south and southwest border of the property and, further,

That, authority be granted for the University to seek rezoning by the City of Madison of approximately 10 acres of the Seed Farm property for office and multi-family residential purposes on the site bordered by Eau Claire and Sheboygan Avenues.

The next matter before the Committee was repair/replacement of the roof on the Marietta House at UW-Milwaukee. Since a $115,000 minor project concerning that roof was withdrawn in September to allow study of alternative approaches, considerable staff time had been spent reviewing the available options. Purchased in 1946 for use as a residence hall, the Marietta House was placed in use for office activities in 1975. The School of Architecture and the Department of Planning and Construction used 5,916 square feet of space in the building, and 3,320 square feet was to be occupied by the Division of Urban Outreach during the 18-month construction period involving Pearse and Garland Halls. In addition to the roof, there were some deferred maintenance needs associated with the building, estimated to cost $100,000. It was explained that the Marietta House was basically a sound structure and important to the needs of UW-Milwaukee, the current intention being to retain it for at least the next 20 years. Of the three roofing options considered, the recommendation of the campus' Physical Environment Committee was to maintain the architectural integrity of the building by using clay tile. After thoroughly discussing the matter, the Physical Planning and Development Committee also endorsed this option, the cost of which would be $92,950.

Adoption of Resolution 2760 was moved by Regent O'Harrow and seconded by Regent Fitzgerald.

**Resolution 2760:** That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, approval be granted to plan, bid and construct the Marietta House roof repair/replacement project at a cost of $92,950 from CIP-supported Capital Improvement Funds Earnings - Min. Maint./Health and Safety Allocation.
Regent Fish asked why a building with a projected life of 20 years should be given a roof which would last for 70 years.

Regent Beckwith thought the Marietta House had been so well constructed by the Uihlein family that it would last for a much longer time and that it would be good business to put a tile roof on it.

While he was prepared to vote for the resolution, Regent Fish did not agree that a 20-year life for the structure should be projected.

The question was discussed at length in Committee, Regent O'Harrow said, adding that it involved the long-range plan recently completed by UW-Milwaukee.

It was noted by Regent Beckwith that Mrs. Joseph Uihlein, Sr., had recently passed away and that her house, which was much larger than the Marietta House, was also to be owned by the university, subject to disposition of her estate.

Put to the vote, Resolution 2760 was adopted, with Regent Podlesny voting "No."

Regent O'Harrow reported that the Committee reviewed an agreement between the Winnebago and Outagamie County Boards and the Menasha Joint School District for lease of the Maplewood School, Menasha, to allow for continued use by the UW Center-Fox Valley in Menasha, an initial five-month agreement having been approved by the Executive Committee of the Board of Regents in August, 1982. It was explained that continued utilization of the 86,000 square feet of space in the Maplewood School would alleviate the Center's immediate space problems while county planners studied the remaining facility needs at UWC-Fox Valley.

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

Resolution 2761: That, upon the recommendation of the UW Center System Chancellor and the President of the University of Wisconsin System, the agreement between the Winnebago and Outagamie County Boards and the Menasha Joint School District for the instructional use of Maplewood School, Menasha, by the UW Center-Fox Valley, Menasha, be approved, with the term of the agreement being January 1, 1983 through June 30, 1991.

In response to a question by Regent Beckwith, it was confirmed that the lease had been reviewed by legal counsel.

Resolution 2761 was unanimously adopted.
The Committee then approved ten minor projects affecting each four-year university as well as UW Extension facilities in Madison and Milwaukee. The first project involved remodeling 1,860 square feet of space in the Phillips Science Hall at UW-Eau Claire into research laboratories required by a recently received $359,000 grant from the National Institute of General Medical Sciences. The $71,800 project was to be funded by non-GPR gift and grant funds and GPR institutional funds. At UW-Madison, the $175,000 project, funded by non-GPR residence hall reserves, provided for continuation of work to modify and insulate the roofs on nine buildings in the Eagle Heights apartment complex.

There were three projects for UW-Milwaukee, the first being $72,500 in GPR funding for heating plant chiller and condenser repairs. The second was the first phase of building demolition and site restoration on North Maryland Avenue and North Cramer Street at a cost of $15,000 from GPR-state building trust funds, and the third involved dock repairs at the UW System's Great Lakes Research Facility in Milwaukee at a cost of $30,000 from GPR-capital improvement fund earnings.

At UW-Green Bay, $40,000 of GPR-state building trust funds were needed to make permanent repairs to the campus electrical distribution system which failed late in December due to moisture accumulation in an access pit. The request also included spare parts for future repairs in another manhole where a similar moisture situation existed. The request at UW-Oshkosh was to repair water damage to the wood floor of the Kolf Physical Education Center, which occurred as a result of heavy rains in August 1982. The $45,000 cost was ultimately to be funded by non-GPR insurance proceeds. The project at UW-Stevens Point was approved in April 1982 at a total cost of $174,800. The $83,006 increase was needed because of a 3,000 square-foot underestimate of roof area, addition of a waterproof membrane below the metal roofing, scaffolding costs and addition of a lightning protection system.

The $128,000 GPR-funded project for UW-Stout was to replace the existing 224-ton chiller in the vocational rehabilitation facility with a 150-ton unit. A life cycle cost analysis of the chiller proposed as the replacement showed a payback period of 9.25 years. The project involving all four-year units (except UW-Eau Claire and UW-Whitewater), as well as UW Extension facilities in Madison and Milwaukee, provided for inspection work to assess steam service safety device deficiencies, similar inspections at UW-Eau Claire and UW-Whitewater in 1981 by the Department of Industry, Labor and Human Relations having resulted in Regent approval of corrective projects. The $35,000 GPR-supported project would fund joint, simultaneous inspections by UW System, DILHR, and DSFM staff and consultants, with any resulting corrective projects brought to the Board for approval.

The final request was for authority to seek release of an additional $200,000 of GPR-state building trust fund energy conservation allocation monies to fund small energy conservation projects with paybacks of less than five years and which, based on the experience of prior projects, provided for an average payback of less than two years.
Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, the following resolution was unanimously adopted:

Resolution 2762: That, upon the recommendation of each UW System Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the costs and from the funding sources indicated:

**UW-Eau Claire - Buildings**

Phillips Hall Remodeling - Genetics Laboratory Project, $71,800, Non-GPR Gift and Grant Funds and GPR-Institutional Funds

**UW-Green Bay - Buildings**

Electrical Service Restoration Project, $40,000, GPR-SBTF - Contingency Funds

**UW-Madison**

Eagle Heights Apartments Roof Modifications and Insulation Project, $175,000, Non-GPR Residence Halls Reserves

**UW-Milwaukee - Buildings**

Heating Plant Chillers and Condensers Repair Project, $72,500, GPR-Cap. Improvement Fund Earnings - Min. Maint./Health and Safety Allocation

Building Demolition and Site Restoration Project, $15,000, GPR-SBTF-Contingency Funds

Dock Repairs Project (Great Lakes Research Facility), $30,000, GPR-Cap. Improvement Fund Earnings-Min. Maint./Health and Safety Allocation

**UW-Oshkosh - Buildings**

Hofst Physical Education Center Floor Damage Repairs Project, $45,000, GPR-SBTF-Contingency (to be replaced by Non-GPR Insurance Proceeds)

**UW-Stevens Point - Buildings**

Regent O'Harrow reported that the Committee reviewed the 1983 Transportation Plans for UW-Platteville and UW-Stevens Point. Acting Chancellor Curtis and Chancellor Marshall presented the plans, which like others previously approved had been carefully developed by the two campuses, utilizing basic planning concepts identified for campus development plans as adopted by the Board.

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

Resolution 2763: That, upon the recommendation of the UW-Platteville and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the 1983 Campus Transportation Plans for the University of Wisconsin-Platteville and the University of Wisconsin-Stevens Point, prepared in response to Resolution 2222 which directed each campus to base its transportation planning efforts upon Section 291 er. 36.11(8m), Wisconsin Statutes, be adopted.

(The plans are on file with the papers of this meeting.)

In his report, Vice President Winter updated the Committee on the recommendations of the Division of State Facilities Management to the Higher Education Subcommittee of the State Building Commission on the UW System's 1983-85 biennial capital budget.
He also indicated that a request was being submitted for the February State Building Commission meeting to seek reinstatement of $477,010 in the approved budget for the School of Veterinary Medicine. Included were several program items which had been deferred pending receipt of bids in February 1981, but previously authorized by the Regents in the $28,067,600 budget.

As its final agenda item, the Committee considered a $45,600 minor project to plan, bid and construct a tower masonry restoration project for Merrill Hall at UW-Milwaukee. A masonry failure in December had resulted in a 20-square-foot area of brick dislodging from the north face of the tower, and permanent repair work was required to eliminate further problems. The Committee was advised that legal action might be taken against the contractor for failure to perform work on this project in accordance with the terms and conditions of the contract.

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

Resolution 2764: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the Merrill Hall Tower Masonry Restoration project at a cost of $45,600 from GPR-supported Capital Improvement Fund Earnings-Min. Maint/Health and Safety Allocation Funds.

Regent Fish expressed concern that the site inspection did not take place until two weeks after the problem occurred, during which time more brick could have fallen. He asked that a report be made to the Committee on the reason for that delay.

It was indicated by Mr. Kumlien that the purpose of the inspection was to determine the cost of repair and that protection for passersby was the responsibility of physical plant staff at UW-Milwaukee.

Regent Finlayson asked if such protection had been provided, and Regent O'Harrow responded that additional information about that would be obtained.

Inasmuch as the masonry work had only recently been completed, Regent Beckwith asked for information as to whether there would be a legitimate claim against the contractor.

Mr. Kumlien thought such a claim would be in order but noted that the State Department of Administration, rather than the university, was the official contracting agent. Recalling that in a similar situation at UW-Stout the contractor had the defective work redone at no charge, he felt confident that damages of some sort could be collected in this case.

The question was put on Resolution 2764, and it was voted unanimously.
With regard to the document entitled "Summary of Expenditures for the 1981-83 Small Energy Conservation Projects Program," Regent Fish pointed out an error that had been made in computing a payback period.

Regent Fish referred to proposed reductions in the UW System's capital budget request, and Regent Beckwith called upon President O'Neil, who had just returned from the Building Commission meeting.

President O'Neil reported that the presentation to the Higher Education Subcommittee of the Building Commission was underway, with the amounts recommended by the Division of State Facilities Management being much smaller than those requested by the Board of Regents. During the course of the day, each of the chancellors was to have the opportunity to make a presentation. One thing he hoped might develop was some exchange of projects in the list—for example, to reinstate the UW-Madison Pharmacy remodeling which was the highest priority on the Regents' list and was very much related to accreditation. While he thought there would be some flexibility among projects, he was not sure there would be much movement in the dollar limit, with the range probably remaining in the area of $30 million general obligation bonding or $40 million total for major projects.

UNFINISHED AND MISCELLANEOUS BUSINESS

President Beckwith announced that Secretary Temby would be contacting the members of the Board to determine their availability for a two-day retreat or study period during the spring, and that it was hoped the retreat could be scheduled on a Friday and Saturday in April or May. The purpose, he said, would be to provide an opportunity to discuss such matters as the role of a regent and some fundamental issues which could not be addressed in the Board's regular meetings.

At 10:45 a.m., the following resolution, moved by Regent Fish, seconded by Regent Jesinski, carried on a unanimous roll call vote, with Regents Beckwith, Finlayson, Fish, Fitzgerald, Fox, Gerrard, Heckrodt, Jesinski, Knowles, Lawton, O'Harrow, Podlesny, Schilling, Veneman and Zirbel voting "Aye" (15) and no regents voting "No."
Resolution 2765: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider personal histories, 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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The Board arose from closed session at 11:45 a.m., at which time the meeting was adjourned. There were no announcements.

[Signature]

Judith A. Temby
Secretary

February 28, 1983
GIFTS, GRANTS AND CONTRACTS
JANUARY 07, 1983

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. ELECTRO GENERAL CORPORATION
   MINNETONKA, MN
   DATAMYTE 400 AND ASSOCIATED INSTRUMENTATION
   GIFT-IN-KIND
   MSN ENGR ENGR MECHANICS

2. DR. KRISTAPS J. KEGGI
   WATERBURY, CT
   GARRY WINDGRAND, PORTFOLIO OF 15 BLACK AND WHITE
   PHOTOGRAPHS; RALPH GIBSON, "IF AND (SILK)",
   PORTFOLIO OF 15 BLACK AND WHITE PHOTOGRAPHS
   GIFT-IN-KIND
   MSN L&S ELVJM MUSEUM ART

3. MRS. O. N. ALLEN
   MADISON, WI
   MISCELLANEOUS BOOKS AND JOURNALS
   GIFT-IN-KIND
   MSN L&S BOTANY

4. MR. AND MRS. JAMES P. ALTMAN - MADISON, WI
   ONE LIETZ TRANSIT (SERIAL #132961), ONE DIETZGEN
   SURVEYORS TRIPOD, ONE STADIA ROD (MOUND CITY
   MANUFACTURER, MODEL LR13), TWO COLLAPSIBLE RANGE
   POLES WITH CASES FOR DEPT. OF CIVIL & ENV. ENGR.
   GIFT-IN-KIND
   MSN ENGR CIVIL & ENV ENGR

5. DR. PAUL MADSEN
   MADISON, WI
   SAILBOAT, M-20 SCOW, MELGES 1970, #305 COMPLETE
   WITH SAILS, COVER AND EXTRA EQUIPMENT, SERIAL
   #70305
   GIFT-IN-KIND
   MSN UNION GENERAL

6. C. P. DYKMAN
   MADISON, WI
   SAILBOAT, MELGES C-SCOW, COMPLETE WITH BOOM AND
   SAIL, SERIAL #MEB10231-0474
   GIFT-IN-KIND
   MSN UNION GENERAL

7. UNIVERSITY OF WISCONSIN FOUNDATION
   (HELFER CHAIR) - MADISON, WI
   4 HERMAN MILLER CHAIRS #KD131 IN #5107,
   ULTRAMARINE; 1 DAVIS TABLE #6-7848 WITH
   #6 EDGE, WALNUT
   GIFT-IN-KIND
   MSN L&S CHEMISTRY
UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1. MULTIPLE DONORS
   SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING PROGRAM
   MSN AG&LSC ECONOMICS (AGR) (133-3859) 32.34

MISCELLANEOUS

1. SUNDBRAND CORPORATION FOUNDATION
   ROCKFORD, IL
   DISCRETIONARY FUND-ELECTRICAL & COMPUTER ENGINEERING (TRUST INCOME)
   MSN ENGR ELEC & COMP ENGR (TRUST) 2,500.00

2. KELAB, INC.
   MADISON, WI
   HILLDALE FUND (TRUST PRINCIPAL)
   MSN G E A (TRUST) 170,920.00

3. CITIBANK OF NEW YORK
   NEW YORK, NY
   LEWIS G. WEEKS FUND NO. 2 (TRUST PRINCIPAL)
   MSN L&S GEOL & GEOPHYSICS (TRUST) 60,000.00

4. AGRICULTURE, DEPT. OF
   WASHINGTON, DC
   DEVELOPMENT AND OPERATION OF AGR'L EXTENSION PROGRAMS (TC 110-5)
   FOR THE PERIOD 08-30-82 THROUGH 12-04-82
   AWARD # 53-319R-2-246
   MSN AG&LSC INTL AGR PROGS (144-5441) 32,830.00

5. COOPERATIVE EDUCATIONAL SERVICE AGENCY #8
   APPLETON, WI
   PRIME CONTRACTOR WITH DED
   INSERVICE TRAINING FOR ADMINISTRATORS OF SPECIAL EDUCATION IN WISCONSIN
   FOR THE PERIOD 08-01-82 THROUGH 06-30-83
   AWARD # AGR DTD 11-24-82
   MSN EDUC EDUC ADMIN (144-5729) 11,313.00

6. NATIONAL ENDOWMENT FOR THE HUMANITIES
   WASHINGTON, DC
   IN SUPPORT OF THE FOLLOWING:
   1) CULTURAL PLURALISM AND NATIONAL INTEGRATION IN COMPARATIVE PROSPECTIVE
      FOR THE PERIOD 01-01-83 THROUGH 12-31-83
      AWARD # FS-20941-83
      MSN L&S POLITICAL SCI (144-5710) 56,108.00
   2) APPROACHES TO 19TH-CENTURY AMERICAN SOCIAL HISTORY
      FOR THE PERIOD 01-01-83 THROUGH 12-31-83
      AWARD # FS-20841-83
      MSN L&S HISTORY (144-5730) 52,931.00
GIFTS, GRANTS AND CONTRACTS  
JANUARY 07, 1983

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

3) MARXISM AND COMMUNISM IN CHINA
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # FS-20860-83
MSN HS-MED HISTORY (144-S731) 53,059.00

7. MULTIPLE DONORS
DEPARTMENT OF ANATOMY CHAIRMAN'S DISCRETIONARY
FUND
MSN HS-MED ANATOMY (133-A377) 25.00

8. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY
MEDICINE AND PRACTICE
MSN HS-MED FAM MED & PRACT (133-A523) 8,090.00

9. UNIVERSITY PEDIATRIC ASSOCIATES
MADISON, WI
DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY
FUND
MSN HS-MED PEDIATRICS (133-A528) 18,923.57

10. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ELECTIVE FOURTH YEAR LAB WORK FOR PG 4S
MSN HS-MED ANESTHESIOLOGY (133-A537) 3,900.00

11. MULTIPLE DONORS
DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND
SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR
ALGEBRA AND ITS APPLICATIONS JOURNAL"
MSN L&S MATHEMATICS (133-A751) 100.00

12. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PROGRAM TO IMPROVE HIGHER EDUCATION ADMINISTRATION
MSN EDUC EDUC ADMIN (133-A936) 2,300.92

13. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FRIENDS OF THE ELVHEJEM ART CENTER
MSN L&S ELVHEJEM MUSEUM ART (133-B163) 4,500.00

14. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HERBARIUM EXPENSES
MSN L&S BOTANY (133-B291) 2,000.00

15. SUNDSTRAND CORPORATION FOUNDATION
ROCKFORD, IL
MECHANICAL ENGINEERING UNRESTRICTED GRANT
MSN ENGR MECHANICAL ENGR (133-B430) 2,500.00

16. HOHF (LORENE M)
MADISON, WI
JOHN PAUL HOHF MEMORIAL FUND FOR CHILDREN
AT THE UNIVERSITY OF WISCONSIN REHABILITATION
CENTER
MSN HS-HSP ADMINISTRATION ADMIN (133-B547) 1,000.00
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

17. AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS
   MADISON, WI
   DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S
   DISCRETIONARY ACCOUNT
   MSN AG&LSC ENGR (AGR) (133-C852) 2,870.00

18. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   LAW SCHOOL DEAN'S DISCRETIONARY FUND
   MSN LAW LAW SCHOOL (133-D057) 1,000.00

19. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
   REPRESENTING A TRANSFER OF FUNDS FROM SHELL
   COMPANIES FOUNDATION, INC.
   SHELL AID IN GEOLOGY AND GEOPHYSICS
   MSN L&S GEDL & GEOPHYSICS (133-D295) 7,500.00

20. ATLANTIC RICHFIELD COMPANY
    LOS ANGELES, CA
    UNRESTRICTED GRANT FOR USE IN THE FIELD
    OF GEOPHYSICS
    MSN L&S GEDL & GEOPHYSICS GEO&POL R (133-D372) 2,000.00

21. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    META SCHROEDER BECKNER HOME MAKER ENDOWMENT
    MSN FR&CS FAM RSR&C&NSM SC (133-D710) 15,000.00

22. MADISON AREA TECHNICAL COLLEGE
    MADISON, WI
    EDUCATIONAL PURPOSES - PULMONARY FELLOWS AND STAFF
    MSN HS-MED MEDICINE (133-E404) 1,000.00

23. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    MEDICAL SCHOOL DEVELOPMENT FUND
    MSN HS-MED (133-E517) 46,000.00

24. MULTIPLE DONORS
    ADMINISTRATIVE AND CLERICAL SUPPORT STAFF
    IN THE DEPARTMENT OF NEUROLOGY
    MSN HS-MED NEUROLOGY (133-E647) 880.00

25. UNIVERSITY ONCOLOGISTS
    MADISON, WI
    SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF
    IN THE DEPARTMENT OF HUMAN ONCOLOGY
    MSN HS-MED HUMAN ONCOLOGY (133-E649) 6,428.00

26. ARTHUR W. STRELOW TRUST
    MADISON, WI
    DEFRAIT COST OF COMMUNICATION AIDS FOR PATIENTS
    IN THE COMMUNICATIVE DISORDERS CLINIC
    MSN HS-HSP ADMINISTRATION ADMIN (133-E849) 6,210.09
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### UNIVERSITY OF WISCONSIN - MADISON

#### MISCELLANEOUS

| 38. | UNIVERSITY OF WISCONSIN FOUNDATION | MADISON, WI | INTERNATIONAL PROGRAMS HEWLETT FUNDS | MSN G E A INTL STU & PROGS | (133-F809) | 5,000.00 |
| 39. | TURKISH EMBASSY | WASHINGTON, DC | TURKISH STUDIES PROGRAM | MSN G E A INTL STU & PROGS | (133-F810) | 23,000.00 |
| 40. | LYNN A. PHELPS, M.D. | MADISON, WI | TRAINING OF FAMILY PRACTICE RESIDENTS AT THE NORTHEAST FAMILY PRACTICE MEDICAL CENTER | MSN HS-MED FAM MED & PRACT | (133-F816) | 1,000.00 |
| 41. | SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT | MSN BUS SCH OF BUSINESS | 725.00 | MULTIPLE DONORS | | 15,192.00 |
| 42. | UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI | | REPRESENTING A TRANSFER OF FUNDS FROM SHELL COMPANIES FOUNDATION SHELL AID IN CHEMICAL ENGINEERING | MSN ENGR CHEMICAL ENGR | (133-0368) | 7,500.00 |
| 43. | MULTIPLE DONORS | LAW SCHOOL DEAN'S UNRESTRICTED FUND | MSN LAW LAW SCHOOL | (133-2128) | 21.84 |
| 44. | MULTIPLE DONORS | CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT | MSN BUS SCH OF BUSINESS | (133-5984) | 135.00 |
| 45. | MULTIPLE DONORS | UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS | MSN HS-MED HUMAN ONCOLOGY | (133-6225) | 545.00 |
| 46. | UNIVERSITY OF WISCONSIN FOUNDATION | MADISON, WI | COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND | MSN ENGR ADMINISTRATION | (133-6370) | 2,500.00 |
| 47. | MULTIPLE DONORS | PEDIATRIC CARDIOLOGY CLINICAL CARE | MSN HS-MED PEDIATRICS | (133-6731) | 60.00 |
| 48. | MULTIPLE DONORS | SUPPORT ACTIVITIES OF THE DEPARTMENT OF OPHTHALMOLOGY | MSN HS-MED OPHTHALMOLOGY | (133-6979) | 533.73 |
GIFTS, GRANTS AND CONTRACTS
JANUARY 07, 1983

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

49. MUELLER (THERESA CATHERINE) SCHOLARSHIP TRUST
MADISON, WI
AWARD TO STUDENT (S) AS WINNER (S) IN CONTEST FOR
EXCELLENCE IN WRITING SHORT STORIES, ONE-ACT PLAYS
OR BOTH AS DETERMINED BY UNIVERSITY OF WISCONSIN
ENGLISH DEPARTMENT FACULTY
MSN L&S ENGLISH (133-7449) 1,318.00

50. MULTIPLE DONORS
DEFRAY COST OF MAINTENANCE, IMPROVEMENT OR
REPLACEMENT OF GEOPHYSICAL INSTRUMENTATION
EQUIPMENT
MSN L&S GEOL & GEOPHYSICS (133-7828) 500.00

51. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S
DISCRETIONARY GRANT
MSN ENGR CHEMICAL ENGR (133-8366) 10,000.00

52. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING A TRANSFER OF FUNDS FROM
MOBIL OIL CORPORATION
DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S
DISCRETIONARY GRANT FOR CHARITABLE, EDUCATIONAL
OR SCIENTIFIC PURPOSES
MSN L&S GEOL & GEOPHYSICS (133-8797) 4,000.00

53. BIOCHEMISTRY DEPARTMENT FUND TO BE USED AT THE
DISCRETION OF THE DEPARTMENT CHAIRMAN
MSN AG&LSC BIOCHEMISTRY (133-9329) 8,143.29

8,143.29 UNIVERSITY OF ALABAMA
BIRMINGHAM, AL
263.20 UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
8,406.49

PHYSICAL PLANT

1. HOUSING AND URBAN DEVELOPMENT, DEPT OF
WASHINGTON, DC
INTEREST SUBSIDY GRANT FOR UNION SOUTH
AWARD # CH WIS 132(S)
MSN 58,340.00

2. ENGINEERING EXPOSITION 1981
MADISON, WI
CONSTRUCTION OF EXPO MALL SIDEWALK
MSN ENGR ADMINISTRATION (133-F601) 3,275.00

3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CONSTRUCTION PEDIATRIC ROOFTOP SOLARIUM CLINICAL
SCIENCE CENTER
MSN HS-ADM ADMINISTRATION (133-F821) 47,500.00
### UNIVERSITY OF WISCONSIN - MADISON

#### RESEARCH

1. **IMMUNOMODULATOR RESEARCH FUND IN HUMAN ONCOLOGY**  
   **(TRUST INCOME)**  
   MSN HS-MED HUMAN ONCOLOGY  
   (TRUST)  
   - 1,083.33  
     W. STERLING EDWARDS  
     ALBUQUERQUE, NM  
   - 1,093.33  
     W. STERLING EDWARDS  
     ALBUQUERQUE, NM  
   MULTIPLE DONORS  
   $1,083.33  
   10.00  
   **2,176.66**

2. **UW FOUNDATION**  
   MADISON, WI  
   UROLOGY RESEARCH FUND (TRUST INCOME)  
   MSN HS-MED SURGERY  
   UROLOGY  
   (TRUST)  
   **10,000.00**

3. **TUBERCULOSIS RESEARCH FUND**  
   **(TRUST INCOME)**  
   MSN HS-MED MED MICROBIOLOGY  
   (TRUST)  
   - 2,000.00  
     CONNAUGHT LABORATORIES  
     WILLOWDALE, ONTARIO, CANADA  
   - 3,000.00  
     WORLD HEALTH ORGANIZATION  
     GENEVA, SWITZERLAND  
   **5,000.00**

4. **BALLINGER PUBLISHING CO.**  
   PHILADELPHIA, PA  
   SCHOOL OF EDUCATION-WISCONSIN CENTER FOR EDUCATION RESEARCH (TRUST PRINCIPAL)  
   MSN EDUC  
   GENERAL ADMIN  
   DEANS OFF  
   (TRUST)  
   **21.14**

5. **MULTIPLE DONORS**  
   WISCONSIN CLINICAL CANCER TRUST FUND  
   **(TRUST PRINCIPAL)**  
   MSN HS-MED HUMAN ONCOLOGY  
   (TRUST)  
   **1,578.00**

6. **MULTIPLE DONORS**  
   PROFESSOR DAVID PERLMAN MEMORIAL FUND FOR HUMAN ONCOLOGY **(TRUST PRINCIPAL)**  
   MSN HS-MED HUMAN ONCOLOGY  
   (TRUST)  
   **399.00**

7. **COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM**  
   ROCKVILLE, MD  
   BASE FUNDING SUPPORT FOR THE NOAA/UNIVERSITY OF WISCONSIN-MADISON COOPERATIVE INSTITUTE FOR METEOROLOGICAL SATELLITE STUDIES  
   FOR THE PERIOD 01-01-81 THROUGH 12-31-83  
   AT A TOTAL COST OF $970,899.00  
   AWARD # NA81AA-H-00024, MOD. 8  
   MSN GRAD  
   SPACE SCI&ENG CT  
   (144-0556)  
   **244,918.00**

8. **DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM**  
   ROCKVILLE, MD  
   IN SUPPORT OF THE FOLLOWING:
RESEARCH

1) SOCIAL AND PSYCHOLOGICAL FACTORS IN ACHIEVEMENT
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 MH06275-21
MSN L&S SOCIOLOGY (144-S699) 49,886.00

2) COMPREHENSIVE BEHAVIORAL STUDIES
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 MH11894-15
MSN L&S PSYCHOLOGY PRIMATE LB (144-S715) 72,224.00

9. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:

1) POSTDOCTORAL FELLOWSHIP AWARD
(AWARD REDUCED TO REFLECT EARLY TERMINATION)
FOR THE PERIOD 10-01-81 THROUGH 08-31-82
AT A TOTAL COST OF $18,508.00
AWARD # 5 F32 AM06580-02, MOD. 1
MSN AG&LSC BIOCHEMISTRY (144-R417) 1,228.00

2) STUDY OF DIABETIC RETINOPATHY
FOR THE PERIOD 12-01-81 THROUGH 02-28-83
AT A TOTAL COST OF $390,349.00
AWARD # 3 RO1 EY00300-17S1
MSN HS-MED OPHTHALMOLOGY (144-R611) 64,304.00

3) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 04-01-82 THROUGH 08-06-82
AT A TOTAL COST OF $8,093.00
AWARD # 5 F32 EYO05449-03, MOD. 2
MSN L&S PSYCHOLOGY (144-R861) 1,381.00

4) MEMBRANE FLUIDITY AND PHOTORECEPTOR FUNCTION
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AT A TOTAL COST OF $66,251.00
AWARD # 5 RO1 EYO1483-08, MOD. 1
MSN L&S CHEMISTRY (144-R866) 3,324.00

5) ACID-BASE BALANCE REGULATION OF RENAL METABOLISM
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 AM18351-09
MSN HS-MED OPHTHALMOLOGY NEPHROLOGY (144-S677) 141,684.00

6) STRUCTURE AND SYNTHESIS OF RETRO- AND NODAVIRUSES
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 CA13881-11
MSN GRAD BIOPHYSICS (144-S678) 137,753.00

7) RADIATION IN VITRO - MAMMARY NEOPLASIA
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 CA13881-11
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-S686) 164,961.00

8) RNA POLYMERASE SIGMA SUBUNIT: STRUCTURE AND FUNCTION
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 GM28575-03
MSN HS-MED ONCOLOGY (144-S687) 17,908.00
RESEARCH

9) STUDIES OF FIBRONECTIN AND RELATED GLYCOPROTEINS
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 HL21644-06
MSN HS-MED MEDICINE HEMATOLOGY (144-S690) 107,035.00

10) ESTABLISHMENT OF A CLINICAL NUTRITION RESEARCH UNIT
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 P30 AM26659-04
MSN HS-MED MEDICINE ENDOCRINOLOGY (144-S694) 215,837.00

11) HYPOTHALAMIC CONTROL OF PUBERTY
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 HD11355-06
MSN L&S PRIMATE RES CTR (144-S696) 64,264.00

12) NONINVASIVE COMPUTERIZED FLUOROSCOPIC CARDIAC IMAGING
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 HL26586-03
MSN HS-MED SURGERY MEDICINE (144-S697) 84,683.00

13) ELECTRON MICROSCOPE FACILITY FOR BIOMEDICAL RESEARCH
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 P41 RR00570-13
MSN L&S ZOOLOGY (144-S698) 294,018.00

14) RNA POLYMERASE SIGMA SUBUNIT: STRUCTURE AND FUNCTION
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 GM28575-03
MSN AG&LSC BACTERIOLOGY (144-S700) 72,017.00

15) TRANSMISSION AND CONTROL OF CALIFORNIA GROUP VIRUSES
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 AI07459-17
MSN AG&LSC ENTOMOLOGY (144-S702) 72,297.00

16) RESEARCH CAREER AWARD
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 KO6 GM21948-20
MSN L&S ZOOLOGY (144-S704) 33,075.00

17) MEMBRANE COMPOSITION AND HYPERTHERMIC CELL DEATH
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 2 RO1 CA24872-04A1
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-S705) 138,764.00

18) HYPOTHALAMIC CYTOARCHITECTONICS AND SEXUAL DIMORPHISMS
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 2 RO1 NS16643-03
MSN HS-MED NEUROPHYSIOLOGY (144-S706) 42,169.00
RESEARCH

19) CHOLESTEROL METABOLISM AND MITOCHONDRIAL CYTOCHROME P450
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 2 RO1 AM18585-08
   MSN HS-MED PHARMACOLOGY
   (144-S714) 83,251.00

20) ORGANOSELENIUM COMPOUNDS: BIOSYNTHESIS AND FUNCTION
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 AM14184-14
   MSN AG&LSC NUTRIT SCIENCES
   (144-S718) 84,655.00

21) MORPHOLOGIC STUDIES OF DIABETIC RETINOPATHY
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 EY03630-03
   MSN HS-MED OPHTHALMOLOGY
   (144-S719) 34,256.00

22) STEREOCHEMISTRY OF POLYKETIDE ANTIBIOTIC BIOSYNTHESIS
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 2 RO1 GM25799-04
   MSN HS-PHR PHARMACY
   (144-S721) 88,782.00

23) CORTICAL EFFECTS OF SENSORY DEPRIVATION
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 EY01277-09
   MSN HS-MED ANATOMY
   (144-S722) 100,120.00

24) BEHAVIOR OF BACTERIA-BIOCHEMISTRY AND GENETICS
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 AI08746-15
   MSN AG&LSC BIOCHEMISTRY
   (144-S725) 104,147.00

25) MICROBIAL DEGRADATION OF STEROL SIDE CHAINS
   FOR THE PERIOD 01-01-83 THROUGH 12-31-83
   AWARD # 5 RO1 GM26698-04
   MSN HS-PHR PHARMACY
   (144-S728) 77,737.00

26) ACTIVE LIPIDS DERIVED FROM POLYUNSATURATED FATTY ACIDS
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 AMO9688-18
   MSN HS-PHR PHARMACY
   (144-S734) 105,299.00

27) PERIPHERAL AND CENTRAL VENTILATORY CONTROL
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 HL15473-09
   MSN VET M STRUCT&FUNCT SCI
   (144-S735) 72,065.00

28) ION EFFECTS ON INTERACTIONS OF RNA POLYMERASE AND DNA
   FOR THE PERIOD 01-01-83 THROUGH 12-31-83
   AWARD # 2 RO1 GM23467-07
   MSN L&S CHEMISTRY
   (144-S739) 137,063.00
RESEARCH

29) RESEARCH CAREER AWARD FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 KO4 5SO0380-05
MSN HS-MED PHYSIOLOGY (144-S741) 39,334.00

30) GENETIC CONTROL OF PROTEIN STRUCTURE AND SYNTHESIS FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 2 RO1 GM20069-11
MSN HS-MED GENETICS (144-S742) 256,033.00

31) RESEARCH CAREER AWARD FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 KO6 A121942-20
MSN GRAD BIOPHYSICS (144-S745) 32,778.00

32) NEUROGENIC SPEECH DISORDERS FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 PO1 NS13274-07
MSN GRAD WAISMAN CENTER (144-S748) 593,491.00

33) CONTROL PROCESSES IN MAMMALIAN CELLS FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 2 RO1 AM10334-18
MSN GRAD ENZYME INSTITUTE (144-S752) 273,326.00

34) A MUTATIONAL ANALYSIS OF E. COLI CORE RNA POLYMERASE FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 A119635-01
MSN AG&LSC BACTERIOLOGY (144-S753) 108,992.00

35) ENERGY METABOLISM AND HIPPOCAMPAL SYNAPTIC TRANSMISSION FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 2 RO1 NS15878-04
MSN HS-MED PHYSIOLOGY (144-S754) 32,825.00

10. CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES, CA
PRIME CONTRACTOR WITH DHHS PHS NIH PKU COLLABORATIVE STUDY FOR THE PERIOD 06-01-79 THROUGH 05-31-82 AT A TOTAL COST OF $2,720.00
AWARD # AGR DTD 09-18-79, MOD. 3
MSN GRAD WAISMAN CENTER (144-N871) 700.00

11. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS NIH STATEWIDE GENETICS SERVICES NETWORK FOR THE PERIOD 10-01-82 THROUGH 09-30-83
AWARD # AGR DTD 10-01-82
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12. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI
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AWARD # AGR DTD 10-01-82
MSN HS-MED GENET CLIN PROG (144-S611) 33,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

13. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS NIH
COMMUNITY BASED EVALUATION OF STILLBIRTH
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14. FRONTIER SCIENCE AND TECHNOLOGY RESEARCH FOUNDATION, INC
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SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS OFFICE
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AT A TOTAL COST OF $5,989.00
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MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-S027)

15. MAINE HEALTH INFORMATION CENTER
AUGUSTA, ME
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EMERGENCY MEDICAL SERVICES EFFECTIVENESS RESEARCH
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MSN ENGR ENGR EXPER STA HLTH SYS'S (144-R411)

16. MADISON GENERAL HOSPITAL
MADISON, WI
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SCOR: NUTRITION AND METABOLISM IN INFANT LUNG DISEASE
FOR THE PERIOD 09-30-82 THROUGH 09-29-83
AT A TOTAL COST OF $14,049.00
AWARD # 205P100
MSN HS-MED PEDIATRICS (144-S560)

17. DOD, ARMY
FREDERICK, MD
STUDY OF TOXIC AND ANTIGENIC STRUCTURES OF BOTULINUM NEUROTOXINS
FOR THE PERIOD 07-01-80 THROUGH 06-30-84
AT A TOTAL COST OF $158,099.00
AWARD # DAMD17-80-C-0100, MOD. 4
MSN AG&LSC FOOD MICRO&TOXIC (144-P826) 700.00

18. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
INTERDISCIPLINARY RESEARCH IN THE MATHEMATICAL SCIENCES
FOR THE PERIOD 04-01-80 THROUGH 12-31-83
AT A TOTAL COST OF $7,716,938.00
AWARD # DAAG29-80-C-0041, MOD. 5
MSN L&S MATH RES CTR (144-P065) 2,200,000.00
RESEARCH

19. ENERGY, DEPT OF ARGONNE, IL
FUSION REACTOR PHYSICS & TECHNOLOGY STUDIES
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # DE-ACO2-76ET52048, MOD. 12
MSN ENGR ENGR EXPER STA NUCL ENGR (144-S733) 175,000.00

20. SANDIA NATIONAL LABORATORY
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
EX-VESSEL DEBRIS-COOLANT INTERACTION MODELING
FOR THE PERIOD 10-01-82 THROUGH 09-30-83
AWARD # 37-0160
MSN ENGR ENGR EXPER STA NUCL ENGR (144-S569) 25,005.00

21. SANDIA NATIONAL LABORATORY
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FOR THE PERIOD 08-08-82 THROUGH 12-31-83
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22. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
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FOR THE PERIOD 10-01-82 THROUGH 09-30-83
AWARD # 37-6722
MSN ENGR ENGR EXPER STA EL&COMPUT (144-S736) 19,000.00

23. SOCIAL SCIENCES RESEARCH COUNCIL
WASHINGTON, DC
PRIME CONTRACTOR WITH LABOR
THE EFFECTS OF URBAN AMENITIES AND DISAMENITIES ON
INTER-CITY WAGE DIFFERENTIALS OVER TIME
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # SS-55-83-05
MSN L&S ECONOMICS (144-S707) 13,731.00

24. SOCIAL SCIENCE RESEARCH COUNCIL
WASHINGTON, DC
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DOCTORAL DISSERTATION
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # SS-55-83-06
MSN L&S ECONOMICS (144-S708) 14,436.00

25. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:

1) SUPPORT OF HIGH RESOLUTION SPECTROGRAPH
FOR THE PERIOD 05-16-79 THROUGH 02-01-84
AT A TOTAL COST OF $152,000.00
AWARD # NASB-25714, MOD. 6
MSN L&S AST-SPA AST LAB (144-N029) 10,000.00
RESEARCH

2) CONTINUED TECHNICAL SUPPORT TO THE FGGE SPECIAL EFFORT PROGRAM
   FOR THE PERIOD 04-08-81 THROUGH 05-07-82
   AT A TOTAL COST OF $90,718.00
   AWARD # NAS6-26540, MOD. 1
   MSN GRAD SPACE SCI&ENG CT (144-0738) 4,849.00

3) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT
   FOR THE PERIOD 09-04-81 THROUGH 01-22-83
   AT A TOTAL COST OF $997,760.00
   AWARD # NAS6-26777, MOD. 3
   MSN L&S AST-SPA AST LAB (144-R418) 319,000.00

26. NATIONAL SCIENCE FOUNDATION
   WASHINGTON, DC
   IN SUPPORT OF THE FOLLOWING:

1) STOCHASTIC MODELS FOR THE GROWTH AND MOVEMENT
   OF POPULATIONS
   FOR THE PERIOD 05-15-81 THROUGH 10-31-84
   AT A TOTAL COST OF $100,535.00
   AWARD # MCS-8101526, MOD. 2
   MSN L&S MATHEMATICS (144-0653) 37,700.00

2) MATRIX AND COMBINATORIAL THEORY
   FOR THE PERIOD 05-15-81 THROUGH 10-31-84
   AT A TOTAL COST OF $102,915.00
   AWARD # MCS-8026132, MOD. 2
   MSN L&S MATHEMATICS (144-0687) 38,000.00

3) U.S.-FRANCE EXCHANGE AWARD
   FOR THE PERIOD 08-15-81 THROUGH 06-14-83
   AT A TOTAL COST OF $26,425.00
   AWARD # AGR DTD 06-02-81, MOD. 1
   MSN GRAD MOLECULAR BIOL (144-0930) 8,662.00

4) NONASSOCIATIVE ALGEBRAS
   FOR THE PERIOD 05-15-82 THROUGH 10-31-84
   AT A TOTAL COST OF $60,100.00
   AWARD # MCS-8200885, MOD. 1
   MSN L&S MATHEMATICS (144-R975) 31,500.00

5) DECOUPLED ACCESS/EXECUTE COMPUTER ARCHITECTURES
   FOR THE PERIOD 11-15-82 THROUGH 04-30-85
   AWARD # ECS-8207277
   MSN ENGR ENGR EXPER STA EL&COMPUT (144-S575) 93,200.00

6) ROTATIONAL EXCITATION CROSS SECTIONS AND TRANSPORT
   PROPERTIES OF GASES
   FOR THE PERIOD 12-01-82 THROUGH 05-31-84
   AWARD # CHE-8212281
   MSN L&S CHEM LAB - THEOR (144-S712) 48,655.00

7) MEASUREMENT OF DEEP CRUSTAL STRESSES AND ROCK
   PERMEABILITY IN THE TROODOS OPHIOLITE, CYPRUS
   FOR THE PERIOD 11-15-82 THROUGH 04-30-84
   AWARD # EAR-8212087
   MSN ENGR ENGR EXPER STA MET & MIN (144-S713) 63,680.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

8) LATE TRIASSIC BASIN AND SHELF FACIES IN WESTERN NEVADA: CONODONT CORRELATION AND PALEOCOLOGY
   FOR THE PERIOD 11-15-82 THROUGH 04-30-85
   AWARD # EAR-8205675
   MSN L&S GEOLOGY & GEOPHYSICS (144-S737) 70,000.00

9) PLANKTONIC BACTERIA: PHYSIOLOGICAL AND ECOSYSTEM ECOLOGY
   FOR THE PERIOD 01-01-83 THROUGH 06-30-85
   AWARD # DEB-8212459
   MSN AG&LSC BACTERIOLOGY (144-S738) 57,000.00

27. CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY
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    MSN HS-MED MEDICINE (133-A525) 879.00

29. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND
    MSN HS-MED OPHTHALMOLOGY (133-A526) 2,700.00

30. UNIVERSITY OF WISCONSIN FOUNDATION
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    MSN HS-MED ANESTHESIOLOGY (133-A532) 30,050.00

31. UNIVERSITY OF WISCONSIN FOUNDATION
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    DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT FUND
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    FOOD SCIENCE GENERAL PURPOSE RESEARCH FUND
    MSN AG&LSC FOOD SCIENCE (133-A786) 1,050.00
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

55. MULTIPLE DONORS
   MOTOR BEHAVIOR RESEARCH FUND
   MSN EDUC PHYS ED & DANCE (133-D257) 203.00

56. KEY PHARMACEUTICALS, INC.
   MIAMI, FL
   PHARMACY RESEARCH
   MSN HS-PHR PHARMACY (133-D328) 1,500.00

57. GUSTAFSON, INC.
   DALLAS, TX
   VEGETABLE DISEASE RESEARCH
   MSN AG&LSC PLANT PATHOLOGY (133-D374) 1,200.00

58. ALCON LABORATORIES, INC
   FORT WORTH, TX
   DRUG DELIVERY AND ARTIFICIAL TEARS
   MSN HS-PHR PHARMACY (133-D621) 5,000.00

59. MULTIPLE DONORS
   BURN AND TRAUMA RESEARCH
   MSN HS-MED SURGERY GEN SURG (133-D791) 5.00

60. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    PERLMAN-BASCOM PROFESSORSHIP FOR THE PERIOD
    07-01-80 THRU 06-30-83 AT A $30,000 LEVEL
    MSN GRAD MOLECULAR BIOL (133-D969) 10,000.00

61. MULTIPLE DONORS
    CRANBERRY RESEARCH PROGRAM
    MSN AG&LSC HORTICULTURE (133-E009) 100.00

62. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    STUDY ON THE TANDEM MIRROR FUSION REACTOR AS
    A TECHNOLOGY TEST
    MSN ENGR ENGR EXPER STA NUCL ENGR (133-E128) 83,197.63

63. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    WALKER-BASCOM PROFESSORSHIP FOR THE PERIOD
    07-01-82 THRU 06-30-83
    MSN L&S COMMUN DISORDERS (133-E136) 10,000.00

64. DAHL (JUNE L)
    MADISON, WI
    ONTOGENY OF ENKEPHALINERGIC SYSTEMS
    MSN HS-MED PHARMACOLOGY (133-E144) 1,200.00

65. MONTEFIORE HOSPITAL AND MEDICAL CENTER
    BRONX, NY
    ROBERT WOOD JOHNSON FOUNDATION NATIONAL URBAN
    AMBULATORY NETWORK PROGRAM FOR THE PERIOD
    11-01-80 THRU 06-30-82 AT A $50,559.57 LEVEL
    MSN HS-ADM ADMINISTRATION (133-E248) 1,664.78
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

66. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
BEERS - BASCOM PROFESSOR IN CONSERVATION 1982-3
MSN AG&LSC NAT RESOURCES WLIFE ECOL (133-E269) 3,500.00

67. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT
MSN ENGR ENGR EXP STA EL&COMPUT (133-E273) 40,000.00

68. INTERSTATE DRUG EXCHANGE, INC.
PLAINVIEW, NY
CLINICAL TRIAL OF DEXTRAN SULFATE IN MALE VOLUNTEERS STUDY
MSN HS-MED MEDICINE (133-E357) 32,500.00

69. SOIL & HEALTH FOUNDATION
EMMAUS, PA
STUDY EFFECT OF DIFFERENT SOIL AMENDMENTS ON CARROTS, CABBAGE & CUCUMBERS
MSN AG&LSC HORTICULTURE (133-E398) 2,500.00

70. CORNING GLASS WORKS
CORNING, NY
OPTIMIZING A CORNING DEVELOPED PROCESS IN CONJUNCTION WITH OTHER PROCESSES TO PRODUCE USEFUL FOOD INGREDIENTS AT A $41,600 LEVEL
MSN AG&LSC FOOD SCIENCE (133-E410) 3,600.00

71. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND
MSN HS-MED OPHTHALMOLOGY (133-E480) 16,784.00

72. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
QUWENEEL-BASCOM PROFESSORSHIP
MSN ENGR ENGR EXP STA MECH ENGR (133-E525) 2,000.00

73. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PICKARD - BASCOM PROFESSORSHIP
MSN L&S FRENCH & ITALIAN (133-E640) 6,000.00

74. AMERICAN PELLETIZING CORPORATION
DES MOINES, IA
POTATO RESPONSE TO NON-LIME CALCIUM ADDITIONS ON SANDS IN CENTRAL WISCONSIN
MSN AG&LSC SOILS (133-E671) 500.00

75. FRANK (A.A.) CONSULTING
MADISON, WI
VARIABLE TRANSMISSION PROJECT
MSN ENGR ENGR EXP STA EL&COMPUT (133-E675) 3,975.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

76. JUNG (J.W.) SEED CO.
    RANDOLPH, WI
    ONION, CARROT AND GARDEN BEET BREEDING
    MSN AG&LSC HORTICULTURE (133-E907) 2,000.00

77. DAIRY RESEARCH FOUNDATION
    ROSEMONT, IL
    HEAT INACTIVATION OF PATHOGENIC BACTERIA IN
    ULTRAFILTERED MILK AT A $26,000 LEVEL
    MSN AG&LSC FOOD SCIENCE (133-E908) 13,000.00

78. HYDRO QUEBEC
    INSTITUTE OF RESEARCH
    VARENNES, QUEBEC, CANADA
    PERFORMANCE OF RESEARCH AND DEVELOPMENT SERVICES
    RELATING TO DEVELOPMENT OF COMPUTER PROGRAMS FOR
    METHODOLOGY FOR INTEGRATION OF HVDC LINKS IN LARGE
    AC SYSTEMS FOR THE PERIOD 09-01-81 THRU 12-31-83
    AWARD # RP 1964-2
    MSN ENGR ENGR EXPER STA EL&COMPUT (133-E921) 92,290.00

79. ABBOTT LABORATORIES
    NORTH CHICAGO, IL
    ONCE-A-DAY ADMINISTRATION OF TERAZOSIN (5.0 MGM)
    VS. PLACEBO
    MSN HS-MED MEDICINE GEN INT MD (133-F049) 11,459.38

80. MULTIPLE DONORS
    CARDIOVASCULAR SURGERY HEART RESEARCH FUND
    MSN HS-MED SURGERY THORACIC S (133-F069) 250.00

81. SQUIBB (E.R.) & SONS, INC.
    PRINCETON, NJ
    PHARMACOKINETIC ANALYSIS OF CEPHRADINE IN
    PERITONEAL DIALYSIS
    MSN HS-PHR PHARMACY (133-F071) 2,000.00

82. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    GASTROENTEROLOGY SUPPORT
    MSN HS-MED MEDICINE GASTROENT (133-F182) 1,000.00

83. MULTIPLE DONORS
    ANOREXIA NERVOSA HALFWAY HOUSE FUND
    MSN HS-MED PEDIATRICS (133-F198) 15.00

84. WARNER-LAMBERT COMPANY
    ANN ARBOR, MI
    PROCATEROL STEROID SPARING MULTICENTER TRIAL
    MSN HS-MED MEDICINE ALLRGY&IMM (133-F247) 12,700.00

85. MILES LABORATORIES, INC.
    ELKHART, IN
    RESEARCH IN GLUCOSE METABOLISM
    MSN HS-MED PEDIATRICS (133-F283) 950.00
RESEARCH

86. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
INVESTIGATION OF WILDLIFE DISEASES FOR THE PERIOD
07-01-82 THRU 06-30-83 AT A $7,820 LEVEL
AWARD # P.O.#NRC 90033
MSN AG&LSC VETERINARY SCI (133-F341) 3,400.00

87. WARNER-LAMBERT COMPANY
ANN ARBOR, MI
CONTROLLED STUDY OF BETA ADRENERGIC RECEPTOR
TOLERANCE AND TACHYPHYLAXIS DURING PROCATEROL
TREATMENT OF BRONCHIAL ASTHMA
MSN HS-MED MEDICINE ALLRGY&IMM (133-F488) 5,000.00

88. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
STUDY OF PAIN RELIEVING MODALITIES
MSN HS-MED ANESTHESIOLOGY (133-F531) 15,500.00

89. MULTIPLE DONORS
CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES
MSN HS-MED MEDICINE CARDIOLOGY (133-F572) 100.00

90. BURROUGHS WELLCOME CO.
RESEARCH TRIANGLE PARK, NC
MULTICENTER EVALUATION OF BW825C IN THE
TREATMENT OF SEASONAL ALLERGIC RHINITIS
MSN HS-MED MEDICINE ALLRGY&IMM (133-F575) 2,450.00

91. GREER LABORATORIES, INC.
LENOIR, NC
CORRELATION OF ALTERNARIA SPORE BURDEN WITH
ALLERGIC SYMPTOMS
MSN HS-MED MEDICINE ALLRGY&IMM (133-F583) 667.00

92. WISC DEPT OF DEVELOPMENT
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
08-23-82 THRU 12-31-82 AT A $2,883 LEVEL
MSN AG&LSC ECONOMICS (AGR) (133-F602) 143.00

93. MULTIPLE DONORS
MICROSURGERY RESEARCH TRAINING FUND
MSN HS-MED SURGERY (133-F729) 400.00

94. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
BIOMEDICAL RESEARCH
MSN HS-MED ANESTHESIOLOGY (133-F745) 11,000.00

95. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GROWTH FACTORS & HUMAN BLADDER CANCER
MSN HS-MED SURGERY THORACIC (133-F746) 23,000.00
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<td>96. 133-F777</td>
<td>NEWFOUNDLAND AND LABRADOR (GOVERNMENT OF) WILDLIFE RESEARCH IN NEWFOUNDLAND</td>
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<td>97. 133-F796</td>
<td>UPJOHN COMPANY COMPARATIVE EFFICACY OF ORAL ERYTHROMYCIN VS. ORAL TETRACYCLINE IN THE TREATMENT OF ACNE VULGARIS: A DOUBLE-BLIND STUDY</td>
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<td>UNIVERSITY OF WISCONSIN FOUNDATION CENTER FOR HEALTH SYSTEMS RESEARCH AND ANALYSIS DIRECTOR'S DISCRETIONARY ACCOUNT</td>
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<td>99. 133-F801</td>
<td>INSTITUTE OF PAPER CHEMISTRY BLACK LIQUOR COMBUSTION SCREENING TESTS</td>
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<td>100. 133-F802</td>
<td>ERICKSON (CHRIS M) STETLER FELLOWSHIP SUPPLY ALLOWANCE</td>
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<td>UNIVERSITY OF WISCONSIN FOUNDATION LAB ADVISORY COMMITTEE RESEARCH AWARDS</td>
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

107. MICHIGAN (UNIVERSITY OF)
ANN ARBOR, MI
ISOTOPE STUDIES OF BARITE DEPOSITS
MSN L&S GEO & GEOPHYSICS
(133-F813) 1,500.00

108. ERIKSEN (OEISTEIN)
MADISON, WI
RESEARCH SUPPORT FOR VISITING HONORARY FELLOW
MSN L&S ECONOMICS
(133-F814) 100.00

109. AMERICAN RED CROSS
DADE COUNTY CHAPTER
MADISON, WI
RETENTION OF BLOOD DONORS
MSN L&S SOCIOLOGY
(133-F817) 850.00

110. SME MANUFACTURING ENGINEERING EDUCATION FOUNDATION
DEARBORN, MI
CAPITAL EQUIPMENT AND CURRICULUM DEVELOPMENT
MSN ENGR ENGR EXPER STA MECH ENGR
(133-F818) 16,620.00

111. NATIONAL RESEARCH COUNCIL
WASHINGTON, DC
COST OF RESEARCH ALLOWANCE IN THE 1981 POSTDOCTORAL FELLOWSHIPS FOR MINORITIES PROGRAM
MSN L&S MATHEMATICS
(133-F819) 2,500.00

112. MCBETH (FAYE) FOUNDATION
MILWAUKEE, WI
IMPROVEMENT OF SECONDARY EDUCATION IN WISCONSIN FOR THE PERIOD 12-01-82 THRU 12-31-83
MSN EDUC EDUC PSYCHOLOGY HENMON PR
(133-F822) 31,270.00

113. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION AND OF THE FIRST FEDERAL ELECTIONS
MSN L&S HISTORY
(133-F825) 30,000.00

114. MUSCULAR DYSTROPHY ASSOCIATION, INC.
NEW YORK, NY
HOW BACTERIAL FLAGELLA WORK TO BRING ABOUT MOTION FOR THE PERIOD 01-01-83 THRU 12-31-83
MSN AG&LSC BIOCHEMISTRY
(133-F826) 22,000.00

115. FORD FOUNDATION
NEW YORK, NY
TASK FORCE ON STATISTICAL POLICY AND DATA NEEDS FOR HISPANICS FOR THE PERIOD 11-15-82 THRU 05-14-83
AWARD # 830-0054
MSN L&S INST-RES ON POV
(133-F829) 26,900.00

116. AMERICAN ASSOCIATION OF RETIRED PERSONS ANDRUS FOUNDATION
WASHINGTON, DC
DETERMINANTS OF PRODUCTIVITY AND JOB SATISFACTION FOR THE PERIOD 01-01-83 THRU 12-31-83
MSN L&S SOCIOLOGY
(133-F830) 28,067.00
### UNIVERSITY OF WISCONSIN - MADISON

#### RESEARCH

117. SCHERING CORPORATION  
BLOOMFIELD, NJ  
PHASE II STUDY OF EFFECT OF ALPHA 2 INTERFERON  
AWARD # CB2-094-01  
MSN HS-MED HUMAN ONCOLOGY  
CLIN ONCOL (133-F831)  
33,600.00

118. SEARLE RESEARCH AND DEVELOPMENT  
SKOKIE, IL  
UNRESTRICTED RESEARCH GRANT  
MSN L&S PSYCHOLOGY  
PRIMATE LB (133-F832)  
1,000.00

119. UPJOHN COMPANY  
KALAMAZOO, MI  
RESEARCH, DEVELOPMENT AND DISSEMINATION OF  
CLINICAL DATA ON TRANSPLANTATION  
MSN HS-MED SURGERY  
GEN SURG (133-F835)  
3,000.00

120. MULTIPLE DONORS IN MEMORY OF  
SCOTT SWEET  
MENTAL HEALTH RESEARCH  
MSN HS-MED PSYCHIATRY  
(133-5141)  
150.00

121. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SUPPORT FOOD RESEARCH INSTITUTE  
MSN AG&LSC FOOD MICRO&TOXIC  
(133-5328)  
200,000.00

122. MULTIPLE DONORS  
MEDICAL SCHOOL DEAN’S UNRESTRICTED FUND  
MSN HS-MED  
(133-5671)  
5.00

123. MULTIPLE DONORS  
SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE  
DEPARTMENT OF NEUROLOGY  
MSN HS-MED NEUROLOGY  
(133-7446)  
116.12

124. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SMONGESKI RESEARCH PROFESSORSHIP IN THE LAW SCHOOL  
MSN LAW LAW SCHOOL  
(133-7687)  
25,500.00

125. HERD DEVELOPMENT AND DAIRY CATTLE BREEDING  
RESEARCH  
MSN AG&LSC DAIRY SCIENCE  
(133-9531)  
2,492.00  
WISCONSIN AYRSHIRE BREEDERS ASSOCIATION  
HARTLAND, WI  
3,345.00  
BROWN SWISS ENTERPRISES, INC.  
Beloit, WI  
5,837.00

126. UPJOHN COMPANY  
KALAMAZOO, MI  
UNRESTRICTED RESEARCH GRANT  
MSN HS-PHR PHARMACY  
(133-9927)  
7,500.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

127. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FUSION TECHNOLOGY PROGRAM
MSN ENGR ENGR EXPER STA NUCL ENGR (133-9977) 50,000.00

STUDENT AID

1. BURROUGHS WELLCOME CO.
RESEARCH TRIANGLE PARK, NC
BURROUGHS WELLCOME STUDENT LOAN (LOAN)
MSN HS-PHR (LOANS) 2,000.00

2. KOHLER FOUNDATION, INC.
KOHLER, WI
KOHLER FAMILY SCHOLARSHIP FUND (TRUST INCOME)
MSN G SERV FELLows & SCHOLS (TRUST) 2,976.40

3. CONTINENTAL BANK
CHICAGO, IL
HELEN DENNE SCHULTE LOAN FUND (TRUST INCOME)
MSN HS-NUR (TRUST) 4,747.52

4. CONTINENTAL BANK
CHICAGO, IL
WALTER B. SCHULTE SCHOLARSHIP FUND (TRUST INCOME)
MSN ENGR CHEMICAL ENGR (TRUST) 4,747.52

5. PUGET SOUND NATIONAL BANK
TACOMA, WA
DISTRIBUTION OF INCOME
CELIA NEWMAN GRAU MEMORIAL FUND (TRUST INCOME)
MSN G SERV FELLows & SCHOLS (TRUST) 6,226.24

6. TEKTRONIX FOUNDATION
BEAVERTON, OR
TO ESTABLISH THIS FUND WHICH IS AVAILABLE FOR USE AS A FELLOWSHIP (TUITION & FEES) AND FOR DEPARTMENTAL SUPPORT ACTIVITIES
COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 (TRUST INCOME)
MSN L&S COMPUTER SCI (TRUST) 16,500.00

7. ROBERT J. VERGERONT
MADISON, WI
ELIZABETH VANDENBERG VERGERONT AWARD FOR 4-H LEADERSHIP (TRUST PRINCIPAL)
MSN AG&LSC ADM-RESID INSTR (TRUST) 25.00

8. THOMAS C. EBENREITER
GILLETT, WI
FAYETTE ELWELL SCHOLARSHIP FUND (TRUST PRINCIPAL)
MSN BUS SCH OF BUSINESS (TRUST) 100.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

9. FIRST WISCONSIN MADISON
   DISTRIBUTION OF THE ALLEN J. SHAFER TRUST
   ALLEN J. SHAFER, JR. SCHOLARSHIP
   (TRUST PRINCIPAL)
   MSN ATH GENERAL OPERATNS ADMIN (TRUST) 45,727.41

10. ELMER J. EBLING
    THREE LAKES, WI
    ALBERT A. EBLING MEMORIAL SCHOLARSHIP
    (TRUST PRINCIPAL)
    MSN AG&LSC ADM-RESID INSTR (TRUST) 500.00

11. MULTIPLE DONORS
    HELEN L. BUNGE MEMORIAL SCHOLARSHIP
    (TRUST PRINCIPAL)
    MSN HS-NUR (TRUST) 30.00

12. WILLIAM H. AND GRACE RISTEEN
    FAIRFAX, VA
    FLORA SCHRANKEL RISTEEN LIBRARY FUND
    (TRUST PRINCIPAL)
    MSN HS-NUR (TRUST) 500.00

13. AMERICAN MEDICAL ASSOCIATION
    A/C DR. & MRS. RAYMOND CORNFORD
    CHICAGO, IL
    OTTO MORTENSEN SCHOLARSHIP TRUST FUND
    (TRUST PRINCIPAL)
    MSN HS-MED (TRUST) 250.00

14. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    GEORGE & CARRIE ZIMMERMAN MEMORIAL LOAN
    FUND (TRUST PRINCIPAL)
    MSN EDUC ART (TRUST) 150.00

15. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
    BETHESDA, MD
    PREDOCTORAL FELLOWSHIP AWARD
    FOR THE PERIOD 12-20-82 THROUGH 12-19-83
    AWARD # 1 F31 NU05609-01
    MSN GRAD ENGINEERING INDUS ENGR (144-S757) 8,040.00

16. WISCONSIN LAW ALUMNI ASSOCIATION
    MADISON, WI
    GEORGE E. CLEARY SCHOLARSHIP FUND
    MSN LAW SCHOOL (133-E642) 2,125.00

17. ROSSBACH (JACOB) SCHOLARSHIP FUND
    MENOMONEE FALLS, WI
    UNDERGRADUATE SCHOLARSHIP
    MSN HS-PHR PHARMACY (133-F367) 2,715.90

18. MULTIPLE DONORS
    DICK WEIGLE MEMORIAL SCHOLARSHIP FUND
    MSN AG&LSC ADM-RESID INSTR (133-F643) 238.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

19. GREEN TREE GARDEN CLUB
    MILWAUKEE, WI
    ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP
    MSN AG&LSC ADM-RESID INSTR (133-0976) 1,000.00

20. CHICAGO FARMERS
    CHICAGO, IL
    UNDERGRADUATE SCHOLARSHIPS IN THE COLLEGE OF
    AGRICULTURAL AND LIFE SCIENCES
    MSN AG&LSC ADM-RESID INSTR (133-2263) 250.00

21. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    LEROY J. BURLINGAME MEMORIAL SCHOLARSHIP IN THE
    LAW SCHOOL
    MSN LAW LAW SCHOOL (133-4117) 1,200.00

22. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    WISCONSIN ALUMNI CLUB-UWF MATCHING SCHOLARSHIP
    PROGRAM
    MSN G SERV FELLOWS & SCHOLS (133-6097) 77,026.00

23. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    SUPPORT ARPS ADMINISTRATION PROGRAM OF THE
    GRADUATE SCHOOL OF BUSINESS
    MSN BUS SCH OF BUSINESS (133-6975) 5,000.00

24. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    ANTON L. SMONGESKI SCHOLARSHIP
    MSN LAW LAW SCHOOL (133-7691) 2,000.00

25. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    CARL E. DIETZE LAW SCHOOL SCHOLARSHIP
    MSN LAW LAW SCHOOL (133-8177) 900.00

26. MINERALS INDUSTRY EDUCATIONAL FOUNDATION
    NEW YORK, NY
    SCHOLARSHIP AND RECRUITMENT IN METALLURGICAL AND
    MINERAL ENGINEERING
    MSN ENGR MET & MIN ENGR (133-8625) 3,000.00

27. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    GWYNETTE E. SMALLEY MEMORIAL SCHOLARSHIP FUND
    MSN LAW LAW SCHOOL (133-8713) 4,300.00

28. WILSON (H.W.) FOUNDATION INC.
    BRONX, NY
    LIBRARY SCHOOL SCHOLARSHIP FUND
    MSN L&S LIBRARY SCHOOL (133-8851) 3,000.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

29. MULTIPLE DONORS

STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS

UNRESTRICTED FUND

MSN AC SVC STU FINAN AIDS STU F AIDS (133-8892) 16.40

UNRESTRICTED

1. STANLEY T. WEBB
MILWAUKEE, WI

MADISON CAMPUS CHANCELLORS SPECIAL FUND
(Trust Principal)

MSN G E A

(Trust) 60.00

TOTAL MADISON 10,272,035.91

INSTRUCTION 32.34

MISCELLANEOUS 868,832.18

PHYSICAL PLANT 109,115.00

RESEARCH 9,098,705.00

STUDENT AID 195,291.39

UNRESTRICTED 60.00
GIFTS, GRANTS AND CONTRACTS  
JANUARY 07, 1983

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. MARK CHEPP  
MILWAUKEE, WI  
GIFT OF REFRIGERATOR DONATED TO THE VOGEL ART MUSEUM IN THE SCHOOL OF FINE ARTS.  
AWARD # NONE  
MIL F ARTS UNIV ART MUSEUM

2. KATE M. KAISER  
MILWAUKEE, WI  
GIFT OF TI-745 HARD COPY TERMINAL WITH PAPER (TEXAS INSTRUMENTS) DONATED TO THE COMPUTING SERVICES DIVISION.  
AWARD # NONE  
MIL CMP SV ADMIN OFFICE GEN ADMIN

3. FRANK W. CHESROW  
MUNICIPAL ART LEAGUE OF CHICAGO  
CHICAGO, IL  
GIFT OF PAINTING, "ICARUS", BY LEONARDO NIERMAN DONATED TO THE ART HISTORY DEPARTMENT IN THE NAME OF MR. & MRS. JOSEPH BECKER III, ELM GROVE, WI.  
(DAUGHTER OF MR. & MRS. CHESROW)  
AWARD # NONE  
MIL L&S ART HISTORY

4. NANCY GREENEBAUM  
RACINE, WI  
GIFT OF "HOLISTIC MAP IV" OIL ON CANVAS DONATED TO THE SCHOOL OF FINE ARTS, FINE ARTS GALLERIES.  
AWARD # NONE  
MIL F ARTS ART

5. JUDITH TURNER  
MILWAUKEE, WI  
GIFT OF A FOOD PROCESSOR "LA MACHINE" DONATED TO THE SCHOOL OF EDUCATION, DAY CARE CENTER.  
AWARD # NONE  
MIL EDUC EARLY CHILDHD CT UNCL & GEN

6. LINN PETRI  
MILWAUKEE, WI  
GIFT OF "SH EE LA NO. 2" DRAWING (SOFT PASTEL ON MUSEUM BOARD) DONATED TO THE SCHOOL OF FINE ARTS, FINE ARTS GALLERIES.  
AWARD # NONE  
MIL F ARTS ART

7. VARIOUS DONORS  
GIFT OF VARIOUS BOOKS AND PERIODICALS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
## UNIVERSITY OF WISCONSIN - MILWAUKEE

### INSTRUCTION

1. **EDUCATION, DEPT OF WASHINGTON, D.C.**
   - Program Assistance Grant-Teacher Education for Seriously Emotionally Disturbed Adolescents (TESEDA) Project
   - For the period 06-01-82 through 05-31-83
   - Award # G008101734
   - Mil Educ Exceptional Educ Uncl & Gen (144-S253) 18,385.00

2. **NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, D.C.**
   - Performance Theory: Problems in Contemporary Theater
   - For the period 01-01-83 through 12-31-83
   - Award # FS-20878-83
   - Mil L&S Twentieth Cen St (144-S751) 56,686.00

3. **YOUTH FOUNDATION, INC. MILWAUKEE, WI**
   - Support for Graduate Assistant
   - Mil F Arts Administration Admin (133-D747) 2,500.00

4. **WISCONSIN ASSOCIATION OF CHILD CARE WORKERS MILWAUKEE, WI**
   - Developmental Project for the Training of Child Care Workers
   - Mil Urbn D Administration Admin (133-E600) 6,750.00

### LIBRARIES

1. **SUSAN MILLER PASSLER MILWAUKEE, WI**
   - Purchase of a Subscription to Freshmen English News
   - Mil Libr Library (133-8383) 10.00

### MISCELLANEOUS

1. **VARIOUS GOVERNMENTAL AGENCIES MILWAUKEE, WI**
   - Milwaukee Humanities Program Publication Receipts
   - Mil L&S Humanities Humanit (144-P108) 209.06

2. **STUDENT ASSISTANCE, HOLOCAUST RESEARCH PROJECT MILWAUKEE, WI**
   - Dr. Erwin Diwald
   - 20.00
   - Mrs. Joyce Appel
   - 25.00

   Total 45.00
## UNIVERSITY OF WISCONSIN - MILWAUKEE

### RESEARCH

1. **VARIOUS**
   - MIDWEST RESEARCH MICROSCOPY, INC.
   - MILWAUKEE, WI
   - PHYSICS TESTING - CONSULTATION AND ANALYSIS OF SAMPLES
   - FOR THE PERIOD 02/01/82 THROUGH 06/30/83
   - MIL L&S PHYSICS (133-E596) 650.00

2. **URBAN 13**
   - A STUDY OF ACCESS ACADEMIC PERFORMANCE, AND RETENTION OF MINORITY STUDENTS: A STUDY OF THE URBAN 13
   - FOR THE PERIOD 11/01/82 THROUGH 01/31/83
   - MIL AC AFF GENERAL (133-F440) 20,000.00

### STUDENT AID

1. **GEORGE P. ETENHEIM MEMORIAL FUND**
   - (TRUST PRINCIPAL)
   - MIL STU AF FINANCIAL AID FEL& SCHOL (TRUST)
   - 10.00 MULTIPLE DONORS
   - 125.00 MULTIPLE DONORS $ 25.00
   - SARAH C. ETENHEIM 100.00
   - 135.00

2. **MARINE TRUST COMPANY - MILWAUKEE, WI**
   - TO ESTABLISH THIS ACCOUNT WITH 75% OF THE ANNUAL INCOME FOR SCHOLARSHIPS ON THE BASIS OF FINANCIAL NEED & ACADEMICS--SELECTED BY FIN AIDS COMMITTEE.
   - 25% OF INCOME ADDED TO PRINCIPAL UNTIL $10,000.
   - FRED KAUWERTZ SCHOLARSHIP FUND UW-MILWAUKEE (TRUST PRINCIPAL)
   - MIL STU AF FINANCIAL AID FEL& SCHOL (TRUST) 8,413.69

3. **RESIDENTS' CLUB**
   - MILWAUKEE JEWISH HOME MILWAUKEE, WI
   - SCHOLARSHIPS FOR THE MUSIC DEPARTMENT
   - MIL F ARTS MUSIC (133-E566) 23.50

### TOTAL MILWAUKEE 113,807.25

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UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. MULTIPLE DONORS
   MISCELLANEOUS TESTS AND EVALUATION
   GB O ED D ADMINISTRATION (133-F708) 275.00

STUDENT AID

1. 2ND GEAR UNIVERSITY LEAGUE
   GREEN BAY, WI
   THELMA DUCHAINE SHORT TERM LOAN FUND (LOAN)
   GBY STU SV FINANCIAL AIDS (LOANS) 100.00

2. MULTIPLE DONORS
   SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT
   ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY
   WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL
   COLLEGIATE ATHLETIC ASSOCIATION
   GB I R &A ATHLETICS - MEN (133-7213) 425.00

   TOTAL GREEN BAY 800.00

MISCELLANEOUS 275.00
STUDENT AID 525.00
UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. DIGITAL EQUIPMENT CORPORATION
   HUDSON, MA
   ONE GIGI 5-PACK; ONE VK10K-KA; ONE QRO10-AM
   GIFT-IN-KIND
   PKS SC&SOC SCIENCE ADMIN

MISCELLANEOUS

1. KENOSHA COUNTY DEPARTMENT OF SOCIAL SERVICES
   KENOSHA, WI
   PRIME CONTRACTOR WITH DHHS
   RESOURCE CENTER GRANT
   FOR THE PERIOD 10-21-82 THROUGH 12-31-82
   AWARD # AGR DTD 10-21-82
   PKS SL&C S STU GRP SUPPORT CHILD CARE (144-S701) 6,865.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
   BETHESDA, MD
   MOLECULAR REGULATION OF CROWN GALL TUMOR GROWTH
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 CA26963-03
   PKS SC&SOC SCIENCE LIFE SCI (144-S727) 47,121.00

2. IIT RESEARCH INSTITUTE
   WASHINGTON, DC
   PRIME CONTRACTOR WITH DOD NAVY
   A STUDY ON THE EFFECTS OF EXPOSING THE SLIME MOLD
   PHYSARUM POLYCEPHALEN TO ELECTROMAGNETIC FIELDS
   AT THE CLAM LAKE TEST FACILITY
   FOR THE PERIOD 07-08-82 THROUGH 02-04-83
   AT A TOTAL COST OF $42,339.00
   AWARD # EO651682-C-30015, MOD. 1
   PKS SC&SOC SCIENCE ADMIN (144-S321) 20,335.00

STUDENT AID

1. FIRST NATIONAL BANK OF KENOSHA, KENOSHA, WI
   DISTRIBUTION OF THE ALICE PENNOYER TRUST TO
   ESTABLISH THIS FUND AVAILABLE FOR SCHOLARSHIPS
   AT UW-PARKSIDE
   PARKSIDE GENERAL SCHOLARSHIP FUND (TRUST INCOME)
   PKS BUS SV FELLOWS & SCHOLS (TRUST ) 4,880.91

2. MARK T. MADSEN
   SOMERDALE, N. J.
   KENNETH L. GREENQUIST MEMORIAL SCHOLARSHIP
   (TRUST PRINCIPAL)
   PKS BUS SV FELLOWS & SCHOLS (TRUST ) 100.00

3. MULTIPLE DONORS
   COMMUNICATIONS DEPARTMENT STUDENT SCHOLARSHIP
   PKS SC&SOC HUMANITIES COMMUNIC (133-F815) 175.00
UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

4. MULTIPLE DONORS
   LILLIAN JAMES SCHOLARSHIP - ANNUAL SCHOLARSHIP TO
   BE AWARDED TO AN OUTSTANDING MUSIC MAJOR
   PKS BUS SV FELLOWS & SCHOLS (133-8803) 15.00

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UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. RABBI MAYER RELLES FOR LAKE SHORE POLONIA SOCIETY
   MANITOWOC, WI - 3 RARE BOOKS: GESENIUS-KAUTZSCH, "HEBRAISCHE GRAMMATIK", LEIPZIG-1896; DANTE ALIGIERI, "DIVINA COMMEDIA" PART I, "INFERNO"-HEBREW 1869; GIROLAMO ROSASCO, "RIMARIO TOSCANO" 1768
   GIFT-IN-KIND
   CNS MANIT LIBRARY

2. WALTER JOSEPH HARTMANN
   WAUKESHA, WI
   MISCELLANEOUS BOOKS
   GIFT-IN-KIND
   CNS WAUK LIBRARY

LIBRARIES

1. MULTIPLE DONORS
   PURCHASE RECORDS FOR UWC-MARSHFIELD/WOOD CO. LIBRARY
   CNS MARSH LIBRARY (133-F808) 90.00

MISCELLANEOUS

1. WISCONSIN ARTS BOARD
   MADISON, WI
   PRIME CONTRACTOR WITH NEA WILDERNESS UNIVERSITY
   FOR THE PERIOD 09-01-82 THROUGH 06-30-83
   AWARD # 3186-CAG-UWWW-3C
   CNS WAUK PHILOSOPHY (144-S709) 1,000.00
   TOTAL CENTER SYSTEM 1,090.00

LIBRARIES 90.00
MISCELLANEOUS 1,000.00
### UNIVERSITY OF WISCONSIN - EXTENSION

#### EXTENSION AND PUBLIC SERVICE

1. **JEAN C. EVANS MEMORIAL LECTURE**  
   (TRUST PRINCIPAL)  
   EXT G E A CHANCELLORS OFF CHANC OFF (TRUST)  
   - 360.00 MULTIPLE DONORS  
   - 10.00 UW FOUNDATION  
   - MADISON, WI  
   - A/C MULTIPLE DONORS  
   - 370.00

2. **DOD, ARMY**  
   HUNTSVILLE, AL  
   TRAINING COURSE IN SMALL SCALE HYDROPOWER AT EXISTING DAMS  
   FOR THE PERIOD 11-18-82 THROUGH 04-17-83  
   AWARD # DACAB7-83-R-0001  
   EXT G EXT ENGINEER'G (144-S746)  
   - 25,905.00

3. **WISCONSIN HUMANITIES COMMITTEE**  
   MADISON, WI  
   PRIME CONTRACTOR WITH NEH ADMINISTRATION  
   FOR THE PERIOD 04-01-82 THROUGH 10-31-84  
   AT A TOTAL COST OF $238,810.00  
   AWARD # AGR DTD 05-15-80, MOD. 3  
   EXT ADM SV WIS HUMANITIES C (144-P332)  
   - 1,174.00

4. **TENNESSEE VALLEY AUTHORITY**  
   MUSCLE SHOALS, AL  
   FERTILIZER TEST AND DEMONSTRATIONS  
   FOR THE PERIOD 10-01-82 THROUGH 09-30-83  
   AWARD # WISC 511.6  
   EXT COOP E SOILS (144-S723)  
   - 12,800.00

5. **FRIENDS OF WHA-TV, INC.**  
   MADISON, WI  
   UNIVERSITY OF WISCONSIN SPORTS PRODUCTION 1982-83  
   EXT ED COM TELEVISION (133-F590)  
   - 36,500.00

#### GIFT-IN-KIND

1. **DIGITAL EQUIPMENT CORPORATION**  
   MADISON, WI  
   RLV21 DISK CONTROLLER  
   GIFT-IN-KIND  
   EXT ED COM TELEVISION  
   TOTAL EXTENSION  
   - 76,749.00

**EXTENSION AND PUBLIC SERVICE**  
- 76,749.00
## UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

### GIFT-IN-KIND

1. **DR. AND MRS. KARVER PUESTOW**
   
   MADISON, WI

   **EMBROIDERED ITALIAN LINEN TABLECLOTH WITH NAPKINS**

   To be used at the University of Wisconsin System President's home

   **GIFT-IN-KIND**

   SA PRES OFF OF THE PRES

### MISCELLANEOUS

1. **MULTIPLE DONORS**

   **THE EUGENE C. CRAVEN MEMORIAL FUND**

   (TRUST PRINCIPAL)

   **SA PRES OFF OF THE PRES**

   (TRUST) 220.00

   **TOTAL CENTRAL ADMINISTRATION** 220.00

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# GIFTS, GRANTS AND CONTRACTS SUMMARY
## ITEMS PROCESSED 11-23-82 THROUGH 12-20-82

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GIFT-IN-KIND

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   LAS VEGAS, NV
   PHOTOGRAPHIC EQUIPMENT FOR THE MEDICAL SCHOOL
   DIVISION OF PLASTIC SURGERY
   GIFT-IN-KIND
   MSN HS-MED SURGERY

2. BARBARA S. FISCHER
   MONSEY, NY
   LOBBY CARDS, STILL PHOTOS, AND POSTERS
   GIFT IN KIND
   MSN L&S COMMUN ARTS FLM&THEA R

3. KATHLEEN LORECK
   MILWAUKEE, WI
   526 PHOTOPLAY NOVELS
   GIFT IN KIND
   MSN L&S COMMUN ARTS FLM&THEA R

4. ROBERT M. STEIN
   NORFOLK, VA
   LOBBY CARDS, STILL PHOTOS AND POSTERS
   GIFT IN KIND
   MSN L&S COMMUN ARTS FLM&THEA R

5. SIDNEY CLARK KNIGHT
   SOUTHFIELD, MI
   MOTION PICTURE FILMS
   GIFT-IN-KIND
   MSN L&S COMMUN ARTS FLM&THEA R

6. AMOS VOGEL
   NEW YORK, NY
   BOOKS, CLIPPINGS AND MISCELLANEOY FROM THE AMOS
   VOGEL ARCHIVE
   GIFT-IN-KIND
   MSN L&S COMMUN ARTS FLM&THEA R

7. TAVIA F. GORDON
   NORFOLK, VA
   POSTERS, CARDS AND STILLS
   GIFT-IN-KIND
   MSN L&S COMMUN ARTS FLM&THEA R

8. DR. BETTY BAMFORTH
   MADISON, WI
   ONE E-SCDOW, MELGES #H-8 1971 SAILBOAT AND TRAILER
   GIFT-IN-KIND
   MSN UNION GENERAL

9. DR. MARTHA W. GROSS
   WASHINGTON, D.C.
   SAM GILLIAM, "PINK FLUTTER", 1969, ACRYLIC ON
   CANVAS, 107" H., 86" W.
   GIFT-IN-KIND
   MSN L&S ELVJM MUSEUM ART
GIFT-IN-KIND

10. MRS. NEVA KROHN - CHICAGO, IL
   A. POMODORO, "DRAWING FOR SCULPTURE"-1964; G. POMODORO, "UNTITLED"-1966; P. CONSAGRA, "3 FIGURES IN BLUE & BLACK"-1955; J.L. FORAIN, "UNTITLED"; R. GUTTUSO, "HEAD OF GIRL"-1950
   GIFT-IN-KIND
   MSN L&S ELVUM MUSEUM ART

11. PROFESSOR WILLIAM H. MCSHAN
    MADISON, WI
   535 BOOKS PRIMARILY IN THE FIELDS OF CHEMISTRY AND PHYSIOLOGY
   GIFT-IN-KIND
   MSN LIBR GENERAL LIBRARY

12. MR. DAVID C. RUTTENBERG
    CHICAGO, IL
   ARCHIE RAND, AMERICAN B. 1949, "UNTITLED", ACRYLIC ON RAG BOARD, 8 3/4" H., 6" W.
   GIFT-IN-KIND
   MSN L&S ELVUM MUSEUM ART

13. MR. JOHN B. DOREMUS
    MR. ANDREW B. DOREMUS
    PENSACOLA, FL
   RARE BOOKS - 21 TITLES, 47 VOLUMES
   GIFT-IN-KIND
   MSN LIBR GENERAL LIBRARY

14. CLINTON N. WOOLSEY, M.D.
    MADISON, WI
   CCTV VISUAL AID MONITOR
   GIFT-IN-KIND
   MSN GRAD WAISMAN CENTER

15. JOHN J. MAGNUSON
    MADISON, WI
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   GIFT-IN-KIND
   MSN L&S ZOOLOGY LIMNOL LAB

16. PROFESSOR ARTHUR H. ROBINSON
    MT. HOREB, WI
   JOURNALS AND MONOGRAPHS IN GEOGRAPHY AND CARTOGRAPHY
   GIFT-IN-KIND
   MSN LIBR GENERAL LIBRARY

17. PROFESSOR MELVIN CROAN
    MADISON, WI
   40 BOOKS IN POLITICAL SCIENCE, GERMAN HISTORY AND EAST EUROPE
   GIFT-IN-KIND
   MSN LIBR GENERAL LIBRARY
UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1. MULTIPLE DONORS
   PAUL J. ALLEN LECTURES-BOTANY
   (TRUST INCOME)
   MSN L&S BOTANY
   (TRUST) 35.00

2. WISCONSIN MEDICAL ALUMNI ASSN.
   MADISON, WI
   JOHN H. JUHL VISITING PROFESSORSHIP
   (TRUST PRINCIPAL)
   MSN HS-MED RADIOLOGY
   (TRUST) 250.00

3. JOHN B. WEAR LECTURESHIP FUND
   (TRUST PRINCIPAL)
   MSN HS-MED
   25.00 MULTIPLE DONORS
   350.00 WISCONSIN MEDICAL ALUMNI ASSN
   MADISON, WI
   375.00

4. WI DEPT OF HEALTH & SOCIAL SERVICES
   MADISON, WI
   PRIME CONTRACTOR WITH DHHS PHS ADAM
   WISCONSIN CLEARINGHOUSE FOR ALCOHOL & OTHER DRUG
   INFORMATION
   FOR THE PERIOD 01-01-83 THROUGH 12-31-83
   AWARD # AD 17007-04
   MSN HS-HSP SPEC PROGRAMS CLRNGHOUS (144-5798)
   102,285.00

5. INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS
   AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER
   MSN HS-MED PEDIATRICS
   (133-C437)
   110.00 MULTIPLE DONORS
   3,109.91 UNIVERSITY PEDIATRIC ASSOCIATES
   MADISON, WI
   3,219.91

6. MULTIPLE DONORS
   MAX FOX PRECEPTORSHIP RECOGNITION AWARD
   MSN HS-MED ADMINISTRATION DEANS OFFC
   (133-6759) 900.00

7. UNITED STATES BREWERS ASSOCIATION, INC.
   WASHINGTON, DC
   SHORT COURSE IN BREWING AND MALTING SCIENCE
   MSN AG&LSC FOOD SCIENCE
   (133-8831) 4,750.00

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   WALTER J. MEEK MEMORIAL FUND
   (TRUST INCOME)
   MSN HS-MED PHYSIOLOGY
   (TRUST) 50.00
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**LIBRARIES**

2. **UNIVERSITY OF WISCONSIN FOUNDATION**  
   MADISON, WI  
   DR. HARRY A. WAISMAN LIBRARY FUND  
   (TRUST INCOME)  
   MSN GRAD WAISMAN CENTER  
   (TRUST) 1,750.00

3. **UNIVERSITY OF WISCONSIN FOUNDATION**  
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   MSN LIBR STEENBOCK AG LIB  
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4. **TRACEY (THOMAS M) TRUST AGREEMENT**  
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   MSN LAW LIBRARY  
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6. **ANONYMOUS DONOR**  
   DEFRAy COST OF ACQUIRING BOOKS FOR A GRADUATE READING ROOM IN POLITICAL SCIENCE  
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   500.00

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1. **FIRST WISCONSIN-MADISON**  
   MADISON, WI  
   QUARTERLY INCOME DISTRIBUTION  
   A. W. SCHORGER TRUST (TRUST INCOME)  
   MSN AG&LSC NAT RESOURCES WILFE ECOL  
   (TRUST) 13,619.40

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   KERRICK, MN  
   DICTIONARY OF AMERICAN REGIONAL ENGLISH DARE-PROJECT FUND (TRUST PRINCIPAL)  
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   (TRUST) 1,005.00

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   HILLDALE FUND (TRUST PRINCIPAL)  
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   (TRUST) 172,711.11

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   MSN HS-MED  
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   (TRUST) 125.00
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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   PAUL A. RAUSHENBUSH LAW SCHOOL FUND
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   MSN LAW LAW SCHOOL  (TRUST )  100.00

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   TO ESTABLISH THIS FUND WITH THE INCOME AVAILABLE
   TO THE DEAN OF AG & LSC IN SUPPORT OF ISSUES IN
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   THE DISCRETION OF THE DEAN
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8. AGRICULTURE, DEPT. OF
   WASHINGTON, DC
   DEVELOPMENT AND OPERATION OF AGR'L EXTENSION
   PROGRAMS (TC 110-5)
   FOR THE PERIOD 08-30-82 THROUGH 12-04-82
   AT A TOTAL COST OF $35,904.00
   AWARD # 53-319R-2-246, MOD. 1
   MSN AG&LSC INTL AGR PROGS  (144-S441)  3,074.00

9. WI BOARD OF VOCATIONAL, TECHNICAL & ADULT
   EDUCATION
   MADISON, WI
   PRIME CONTRACTOR WITH DED
   ASSISTING SPECIAL NEEDS COORDINATORS AND VTAE
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   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AWARD # 20-309-150-113
   MSN EDUC WIS VOC STU CTR W VOC ST C  (144-S771)  17,000.00

10. WI DEPT OF HEALTH & SOCIAL SERVICES
    MADISON, WI
    PRIME CONTRACTOR WITH DHHS
    TIME SERIES ANALYSIS OF WISCONSIN'S ECONOMIC
    ASSISTANCE RECIPIENTS
    FOR THE PERIOD 08-20-82 THROUGH 12-31-82
    AT A TOTAL COST OF $70,235.00
    AWARD # FDC 25404, MOD. 1
    MSN AG&LSC SOCIOLOGY(RURAL)  (144-S552)  59,092.00

11. WI DEPT OF HEALTH AND SOCIAL SERVICES
    MADISON, WI
    PRIME CONTRACTOR WITH DHHS PHS HRA
    COORDINATION OF PLACEMENT AND MANAGEMENT OF
    NATIONAL HEALTH SERVICE CORPS ASSIGNEES WITH STATE
    PRIMARY CARE AND MANPOWER PROGRAMS
    FOR THE PERIOD 10-01-82 THROUGH 09-30-83
    AWARD # AGR DTD 12-09-82
    MSN HS-MED FAM MED & PRACT  (144-S766)  39,661.00

12. DHHS, PHS, HEALTH SERVICES ADM
    ROCKVILLE, MD
    GENETIC DISEASES TESTING & COUNSELING PROJECT
    FOR THE PERIOD 01-31-82 THROUGH 09-30-83
    AT A TOTAL COST OF $207,614.00
    AWARD # MCH-501001-04-1, MOD. 2
    MSN HS-MED GENETICS CLIN GENET  (144-R560)  62,813.00
MISCELLANEOUS

13. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
ARRANGING A DAUGHTER'S MARRIAGE/WIVES OF THE GOD:
TWO SD. ASIAN WOMEN'S DOCUMENTARY FILMS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # EH-20287-83
MSN L&S 50 ASIAN STUDIES (144-S797) 241,110.00

14. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
A CENTURY OF STUDY OF AMERICAN LITERATURE
FOR THE PERIOD 12-10-82 THROUGH 06-30-83
AWARD # G-FY80-297 (L)
MSN L&S ENGLISH (144-S832) 6,697.28

15. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC SERVICES
MSN ARBOR ARBORETUM (133-A056) 1,500.00

16. UNIVERSITY PEDIATRIC ASSOCIATES
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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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MADISON, WI
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SCIENCES DEPARTMENT
MSN L&S COMPUTER SCI (133-D865) 3,000.00

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MADISON, WI
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25. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING A TRANSFER OF FUNDS FROM
CHEVRON RESEARCH COMPANY
CHEVRON ENGINE COMBUSTION RESEARCH AND SCHOLARSHIP
GRANT
MSN ENGR ENGR EXP & STA MECH ENGR (133-E091) 8,000.00

26. KANG (HARRIET)
MADISON, WI
DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF
NEUROLOGY
MSN HS-MED NEUROLOGY (133-E253) 1,000.00

27. AMAX FOUNDATION, INC.
NEW YORK, NY
SUPPORT FIELD GEOLOGY FELLOWSHIPS
MSN L&S GEOL & GEOPHYSCS (133-E308) 1,000.00

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DISCRETIONARY FUND IN THE DEPARTMENT OF NEUROLOGY
MSN GRAD WAISMAN CENTER (133-E354) 500.00

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MADISON, WI
EDUCATIONAL PURPOSES - PULMONARY FELLOWS AND STAFF
MSN HS-MED MEDICINE (133-E404) 1,000.00

30. UNIVERSITY ANESTHESIOLOGY ASSOCIATES
MADISON, WI
SUPPORT CLERICAL SALARIES IN THE DEPARTMENT OF
ANESTHESIOLOGY
MSN HS-MED ANESTHESIOLOGY (133-E492) 29,956.56

31. MULTIPLE DONORS
ADMINISTRATIVE AND CLERICAL SUPPORT STAFF
IN THE DEPARTMENT OF NEUROLOGY
MSN HS-MED NEUROLOGY (133-E647) 880.00

32. AMERICAN PSYCHOLOGICAL ASSOCIATION
WASHINGTON, DC
EDITORIAL OPERATION OF JOURNAL OF EXPERIMENTAL PSYCHOLOGY: HUMAN
PERCEPTION AND PERFORMANCE
MSN L&S PSYCHOLOGY (133-E865) 14,200.00
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

33. MULTIPLE DONORS
   AFFILIATED ORGANIZATION SUPPORT
   MSN AGSSLC AGRONOMY
   (133-E980) 500.00

34. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    MEDICAL SCHOOL DEVELOPMENT FUND
    MSN HS-MED
    (133-F257) 131,000.00

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    MSN HS-MED ADMINISTRATION
    (133-F260) 100,000.00

36. MULTIPLE DONORS
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37. LEO BURNETT COMPANY, INC.
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    (133-F662) 2,500.00

38. MULTIPLE DONORS
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    MSN HS-MED MEDICINE PULMON MED
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    INTERNATIONAL PROGRAMS HEWLETT FUNDS
    MSN G E A INTL STU & PROGS
    (133-F809) 10,000.00

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    MC BURNEY RESOURCE CENTER
    MSN G E A DEAN OF STUDENTS PR DISABLD
    (133-F872) 4,130.00

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    MSN HS-HSP ADMINISTRATION ADMIN
    (133-F875) 300.00

42. ARCO EXPLORATION COMPANY
    DALLAS, TX
    JUNIOR FACULTY SUPPORT
    MSN L&S GEOL & GEOPHYSCS
    (133-F877) 25,000.00

43. MIDWEST UNIVERSITIES CONSORTIUM
    FOR INTERNATIONAL ACTIVITIES
    COLUMBUS, OH
    TRAVEL FOR PARTICIPANTS IN 1983 SUMMER
    SESSION FORUM
    AWARD # 855-IIA
    MSN G E A INTL STU & PROGS
    (133-F882) 3,200.00
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

44. BRITTINGHAM FUND, INC.
   WILMINGTON, DE
   SUMMER FORUM ON PEACE ISSUES
   MSN G & A INTL STU & PROGS (133-F900) 5,000.00

45. BRITTINGHAM FUND, INC.
   WILMINGTON, DE
   INTERNATIONAL GRADUATE FELLOWSHIPS
   MSN G & A INTL STU & PROGS (133-F901) 10,000.00

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   ARMONK, NY
   MANUFACTURING SYSTEMS ENGINEERING CURRICULUM
   MSN ENGR ENGR EXPER STA INTRDSC PR (133-F912) 5,000.00

47. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   1983 SUMMER SESSION FORUM ENTITLED: "A WORLD
   WITHOUT WAR: POLITICAL AND INSTITUTIONAL
   CHALLENGES"
   MSN G & A INTL STU & PROGS (133-F913) 5,000.00

48. MULTIPLE DONORS
    DISCRETIONARY GRANT IN THE DEPARTMENT OF
    AFRO-AMERICAN STUDIES
    MSN L&S AFRO-AM STUDIES (133-F920) 250.00

49. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   MERLE CURTI TEACHING FELLOWSHIP
   MSN L&S HISTORY (133-F922) 4,500.00

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    MADISON, WI
    WISCONSIN PHYSICIAN SURVEY
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    MADISON, WI
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    SCHOOL OF NURSING
    MSN HS-NUR (133-4314) 440.00
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

53. AMAX FOUNDATION, INC.
   NEW YORK, NY
   TO ASSIST IN HIGH SCHOOL RECRUITMENT PROGRAM AND
   PROVIDE TRAVEL FUNDS FOR STAFF MEMBERS TO ATTEND
   SOCIETY MEETINGS
   MSN ENGR MET & MIN ENGR (133-5438) 2,000.00

54. CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT
   MSN BUS SCH OF BUSINESS (133-5984)
   26,321.60 WASHINGTON UNIVERSITY IN ST. LOUIS
   ST. LOUIS, MO
   50.00 MULTIPLE DONORS
   26,371.60

55. JUNG SEED COMPANY
   RANDOLPH, WI
   SUPPORT AN EXCELLENCE IN TEACHING AWARD, A
   SCHOLARSHIP OR OTHER APPROPRIATE USE AS DETERMINED
   BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND
   LIFE SCIENCES IN ACCORDANCE WITH TERMS PREVIOUSLY
   ACCEPTED
   MSN AG&LSC ADM-DEAN & DIR (133-6103) 500.00

56. MULTIPLE DONORS
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   MSN EDUC PHYS ED & DANCE (133-6388) 29.50

57. PEDIATRIC CARDIOLOGY CLINICAL CARE
   MSN HS-MED PEDIATRICS (133-6731)
   150.00 MULTIPLE DONORS IN MEMORY OF
   JOHN GILBERT EVANS
   25.00 MULTIPLE DONORS
   175.00

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   OPHTHALMOLOGY
   MSN HS-MED OPHTHALMOLOGY (133-6979) 500.00

59. MULTIPLE DONORS
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   EQUIPMENT
   MSN L&S GEOL & GEOPHYSICS (133-7828) 500.00

60. MULTIPLE DONORS
   SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS
   MSN AG&LSC FOOD SCIENCE (133-8343) 300.00

61. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S
    DISCRETIONARY GRANT
    MSN ENGR CHEMICAL ENGR (133-8366) 40,000.00
MISCELLANEOUS

62. UNIVERSITY ANESTHESIOLOGY ASSOCIATES
MADISON, WI
DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION
FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC
MSN HS-MED ANESTHESIOLOGY (133-8682) 66,915.68

63. MULTIPLE DONORS
WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN
DEVELOPMENT FUND
MSN GRAD WAISMAN CENTER (133-9545) 970.00

PHYSICAL PLANT

1. WISCONSIN STATE JOURNAL
MADISON, WI
U. W. HOSPITAL - CHILDREN'S PLAYGROUND
MSN HS-HSP ADMINISTRATION ADMIN (133-D398) 2,000.00

RESEARCH

1. WISCONSIN HOSPITAL ASSOCIATION SHARED
SERVICES PROGRAM
MADISON, WI
CLINICAL ENGINEERING SERVICES FOR THE
PERIOD 01-01-83 THRU 12-31-83
MSN ENGR INSTRUM SYST CTR

2. MULTIPLE DONORS
HORACE COLLINS LEUKEMIA RESEARCH FUND
(TRUST INCOME)
MSN HS-MED MEDICINE HEMATOLOGY (TRUST) 25.00

3. W. STERLING EDWARDS
ALBUQUERQUE, NM
MULTIPLE DONORS 135.60
IMMUNOMODULATOR RESEARCH FUND IN HUMAN ONCOLOGY
(TRUST INCOME)
MSN HS-MED HUMAN ONCOLOGY (TRUST) 1,218.93

4. FIRST WISCONSIN TRUST CO.
MILWAUKEE, WI
JONATHAN BOWMAN MEMORIAL FUND
(TRUST INCOME)
MSN HS-MED ONCOLOGY (TRUST) 26,801.41

5. SMITHKLINE BECKMAN CORPORATION
PHILADELPHIA, PA
ANTIBIOTIC RESEARCH FUND (TRUST INCOME)
MSN HS-MED MEDICINE INFECT DIS (TRUST) 30,000.00

6. UW FOUNDATION A/C
INTERNATIONAL PAPER COMPANY
NEW YORK, NY
DISCRETIONARY FUND-ELECTRICAL & COMPUTER
ENGINEERING (TRUST INCOME)
MSN ENGR ELEC & COMP ENGR (TRUST) 2,000.00
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<td>GENE MAGAZINE</td>
<td>$2,500.00</td>
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<tr>
<td>DEAN RUSK - ATHENS, GA</td>
<td>$100.00</td>
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<td>MULTIPLE DONORS</td>
<td>$177.00</td>
</tr>
<tr>
<td>MARGARET B. RENARD</td>
<td>$100.00</td>
</tr>
<tr>
<td>SOUTHEAST BANK, N.A.</td>
<td>$45.00</td>
</tr>
<tr>
<td>DR. MICHAEL A. GERTZ MEDICAL RESEARCH FUND</td>
<td>$72.80</td>
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<tr>
<td>AGRIC. SOIL CONSERVATION SERVICE</td>
<td>$594.00</td>
</tr>
</tbody>
</table>

**RESEARCH**

7. WISCONSIN GINSENG GROWERS ASSN.
   WAUSAU, WI
   KENNICOTT RIDGE, LTD.
   CHICAGO, IL
   DEPARTMENT OF PLANT PATHOLOGY
   (TRUST INCOME)
   MSN AG&LSC PLANT PATHOLOGY
   (TRUST) 14,000.00

8. MC ARDLE LABORATORY FOR CANCER RESEARCH
   DISCRETIONARY FUND (TRUST PRINCIPAL)
   MSN HS-MED ONCOLOGY
   200.00 GENE MAGAZINE
   AMSTERDAM, NETHERLANDS
   2,500.00 HARRY J. RIDINGS
   BAILEYS HARBOR, WI
   2,700.00

9. WISCONSIN MEDICAL ALUMNI ASSN.
   MADISON, WI
   PULMONARY MEDICINE TEACHING PROGRAM
   (TRUST PRINCIPAL)
   MSN HS-MED
   (TRUST) 1,500.00

10. WISCONSIN CLINICAL CANCER TRUST FUND
    (TRUST PRINCIPAL)
    MSN HS-MED HUMAN ONCOLOGY
    25.00 MULTIPLE DONORS
    277.00 DEAN RUSK - ATHENS, GA
    188.00 MULTIPLE DONORS
    MARGARET B. RENARD
    STURGEON BAY, WI
    490.00

11. MULTIPLE DONORS
    PROFESSOR DAVID PERLMAN MEMORIAL FUND FOR HUMAN
    ONCOLOGY (TRUST PRINCIPAL)
    MSN HS-MED HUMAN ONCOLOGY
    (TRUST) 45.00

12. SOUTHEAST BANK, N.A.
    MIAMI, FL.
    DR. MICHAEL A. GERTZ MEDICAL RESEARCH FUND
    (TRUST PRINCIPAL)
    MSN HS-MED
    (TRUST) 72.80

13. AGRIC. SOIL CONSERVATION SERVICE
    MADISON, WI
    EVALUATION OF WATER QUALITY OF STREAMS
    FOR THE PERIOD 07-23-79 THROUGH 03-31-83
    AT A TOTAL COST OF $4,236.00
    AWARD # 40-BF48-9-278, MOD. 7
    MSN AG&LSC ENTOMOLOGY
    (144-N656) 594.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

14. AGRICULTURE, DEPT. OF
WASHINGTON, DC
RAPID IDENTIFICATION AND CHARACTERIZATION OF VISCORELATIVE VELOGENIC NEWCASTLE DISEASE (VVND)
FOR THE PERIOD 10-01-82 THROUGH 03-31-83
AT A TOTAL COST OF $30,266.00
AWARD # 12-16-5-2432, MOD. 1
MSN AG&LSC VETERINARY SCI (144-S614) 15,133.00

15. AGRIC, ECON, STAT, AND COOP SERVICE
WASHINGTON, DC
A STUDY OF CURRENT LANDOWNERSHIP PATTERNS IN THE NORTH CENTRAL STATES
FOR THE PERIOD 10-01-82 THROUGH 09-30-83
AWARD # 58-319V-0-00186, MOD. 3
MSN AG&LSC NAT RESOURCES RES POL ST (144-S813) 2,800.00

16. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
1) SEA GRANT INTERNSHIP
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # NAB0AA-D-00086, MOD. 4
MSN GRAD SEA GRANT INST SEA GRT I (144-S383) 28,000.00
2) COMPUTER SUPPORT FOR NESS GROUP
FOR THE PERIOD 09-08-82 THROUGH 12-07-82
AWARD # NAB2AAA03177
MSN GRAD SPACE SCI&ENG CT (144-S776) 7,593.00
3) DYNAMICAL COUPLING BETWEEN RAWINDSONDE AND SATELLITE DATA IN THE GENERATION OF INITIAL FIELDS FOR PREDICTION MODELS
FOR THE PERIOD 01-15-83 THROUGH 01-14-84
AWARD # NAB3AA-D-00008
MSN GRAD SPACE SCI&ENG CT (144-S818) 44,759.00

17. EDUCATION, DEPT. OF
WASHINGTON, DC
AN INTEGRATED, HETEROGENOUS PLACEMENT MODEL FOR TEACHING STUDENTS WITH AUTISM CHRONOLOGICAL AGE APPROPRIATE, FUNCTIONAL AND SOCIAL INTERACTION SKILLS IN SCHOOL AND NON-SCHOOL ENVIRONMENTS
FOR THE PERIOD 10-01-81 THROUGH 09-30-84
AT A TOTAL COST OF $436,678.00
AWARD # 300-81-0355, MOD. 2
MSN EDUC WIS CTR EDUC RES (144-R539) 166,025.00

18. EDUCATION, DEPT OF
WASHINGTON, DC
DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM
(AWARD REDUCED TO REFLECT AMENDED AWARD STATEMENT)
FOR THE PERIOD 07-01-82 THROUGH 12-31-83
AT A TOTAL COST OF $158,976.00
AWARD # GO08200546, MOD. 2
MSN GRAD ADMINISTRATION ADMIN (144-S269) 3,888.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

19. DED, NATIONAL INSTITUTE OF EDUCATION
WASHINGTON, DC
WISCONSIN RESEARCH AND DEVELOPMENT CENTER FOR
INDIVIDUALIZED SCHOOLLING
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # NIE-G-81-0009
MSN EDUC WIS CTR EDUC RES (144-5691) 335,000.00

20. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:

1) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 09-01-82 THROUGH 08-31-83
AWARD # 5 F32 MH08450-02
MSN L&S PSYCHOLOGY (144-5226) 17,040.00

2) SOCIAL AND PSYCHOLOGICAL FACTORS IN ACHIEVEMENT
(AWARD REDUCED TO AGREE WITH AGENCY AMOUNT SHOWN
ON AWARD STATEMENT)
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AT A TOTAL COST OF $49,813.00
AWARD # 5 RO1 MH06275-21, MOD. 1
MSN L&S SOCIOLOGY (144-5699) 73.00-

3) CELL MEMBRANE ACTIVITY IN FUNCTIONAL PSYCHOSES
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 2 RO1 MH26494-07
MSN HS-PSY PSYCHIATRIC INST (144-5717) 63,430.00

4) PRIMATE SOCIAL DEVELOPMENT, SEPARATION, AND
DEPRESSION
FOR THE PERIOD 12-01-82 THROUGH 11-30-83
AWARD # 5 RO1 MH21892-10
MSN HS-PSY PSYCHIATRIC INST (144-5726) 90,566.00

21. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:

1) SCOR: NUTRITION AND METABOLISM IN INFANT LUNG
DISEASE
FOR THE PERIOD 09-30-81 THROUGH 09-29-82
AT A TOTAL COST OF $519,486.00
AWARD # 1 P50 HL27358-01, MOD. 4
MSN HS-MED PEDIATRICS (144-R575) 2,145.00

2) CENTER FOR POPULATION RESEARCH
FOR THE PERIOD 09-01-82 THROUGH 02-28-83
AT A TOTAL COST OF $478,582.00
AWARD # 5 P30 HD05876-12, MOD. 1
MSN L&S SOCIOLOGY (144-R793) 842.00

3) MORPHOLOGY OF CHRONIC VIRAL INFECTIONS OF THE
BRAIN
FOR THE PERIOD 06-01-82 THROUGH 05-31-83
AT A TOTAL COST OF $60,238.00
AWARD # 5 RO1 NS11129-09, MOD. 1
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-5065) 4,754.00
GIFTS, GRANTS AND CONTRACTS
FEBRUARY 11, 198

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

4) PROTEOLYTIC REGULATION OF PICORNAVIRAL REPLICATION
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 AI17331-03
   MSN GRAD BIOPHYSICS (144-S679) 50,241.00

5) CALCIUM-BINDING PROTEINS IN NERVOUS TISSUE
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 NS11652-09
   MSN HS-MED PEDIATRICS (144-S685) 87,939.00

6) T LYMPHOCYTE HYBRIDS AND LYMPHOBLASTOID VARIANTS
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 AI158486-05
   MSN HS-MED GENETICS (144-S703) 53,333.00

7) IMMUNITY TO LOW VIRULENT SOUTH INDIAN MYCOBACTERIA
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 R22 AI17368-03
   MSN HS-MED MED MICROBIOLOGY (144-S716) 40,054.00

8) MEDICINAL CHEMISTRY OF ANTITUMOR IRIDOIDS
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # 5 RO1 CA25953-03
   MSN HS-PHR PHARMACY (144-S720) 44,730.00

9) VISCOELASTIC PROPERTIES OF BIOLOGICAL
    MACROMOLECULES
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 5 RO1 GM21652-09
    MSN L&S CHEMISTRY (144-S740) 40,999.00

10) SUPRAEPENDYMAL MACROPHAGES IN SITU AND IN VITRO
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 1 RO1 HD17177-01
    MSN HS-MED NEUROPHYSIOLOGY (144-S743) 78,982.00

11) STRUCTURE AND REPLICATION OF DNA
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 5 RO1 GM14711-17
    MSN GRAD BIOPHYSICS (144-S744) 164,440.00

12) ISOLATION OF "PRENEOPLASTIC" CELL POPULATIONS
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 5 R23 CA29401-03
    MSN HS-MED ANATOMY GROSS ANAT (144-S749) 46,990.00

13) PHYSIOLOGICAL STUDIES ON A PARASITIC NEMATODE
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 5 R01 AI15429-05
    MSN L&S ZOOLOGY (144-S750) 94,630.00

14) THE GENETIC CONTROL OF PROTEIN SYNTHESIS
    FOR THE PERIOD 01-01-83 THROUGH 12-31-83
    AWARD # 5 RO1 GM08995-22
    MSN HS-MED PHYSIOLOG CHEM (144-S756) 91,315.00
RESEARCH

15) DEVELOPMENTAL STUDY OF IN VITRO FERTILIZED MONKEY OVA
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 HD14765-03
MSN L&S PRIMATE RES CTR (144-5758) 61,199.00

16) MECHANISMS OF SURFACE-INDUCED THROMBOGENESIS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 HL29673-01
MSN ENGR ENGR EXPER STA CHEM ENGR (144-5761) 102,213.00

17) CARCINOGEN ACTIVATION BY CULTURED MAMMARY CELLS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 CA28954-03
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-5763) 70,307.00

18) TEACHER - INVESTIGATOR AWARD
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 KO7 NS00770-01
MSN GRAD WAISMAN CENTER (144-5767) 38,529.00

19) PROTEINS OF THE NORMAL AND PATHOLOGICAL AUDITORY NERVE
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 NS18907-01
MSN HS-MED NEUROPHYSIOLOGY (144-5768) 64,372.00

20) KIDNEY TRANSPLANTATION AND DONOR-SPECIFIC TRANSFUSIONS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 AM31774-01
MSN HS-MED SURGERY GEN SURG (144-5769) 78,986.00

21) AUDITORY AREAS IN THE CEREBELLUM
FOR THE PERIOD 12-01-82 THROUGH 08-31-83
AWARD # 7 RO1 NS19664-01
MSN HS-MED NEUROPHYSIOLOGY (144-5772) 65,928.00

22) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC MYOTOXIN
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 2 RO1 CA15064-11
MSN AG&LSC FOOD MICRO&TOXIC (144-5775) 69,893.00

23) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 F32 AM06805-02
MSN VET M STRUCT&FUNCT SCI (144-5777) 17,736.00

24) STUDIES IN APRAXIA OF SPEECH
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 NS18797-01
MSN GRAD WAISMAN CENTER (144-5778) 140,273.00

25) DETERMINATION OF ENZYME MECHANISMS BY KINETIC STUDIES
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 GM18938-12
MSN AG&LSC BIOCHEMISTRY (144-5780) 136,846.00
26) SYNTHESIS AND FUNCTION OF MEMBRANE PHOSPHOLIPIDS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 AM19551-07
MSN AG&LSC BIOCHEMISTRY (144-S782) 80,762.00

27) CONTROL MECHANISMS IN INTERMEDIARY METABOLISM
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 GM14033-17
MSN HS-MED MEDICINE ENDOCRINOL (144-S783) 76,185.00

28) EVALUATION & MANAGEMENT OF BLADDER CARCINOMA
FOR THE PERIOD 01-01-83 THROUGH 11-30-83
AWARD # 1 RO1 CA31793-01A1
MSN HS-MED UROLOGY (144-S796) 14,543.00

29) THROMBUS FORMATION IN THE CONstricted CORONARY ARtery
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 HL29969-01
MSN HS-MED MEDICINE CARDIOLOGY (144-S800) 115,560.00

30) SENSORY INTERACTIONS IN RESPIRATORY CONTROL
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 HL29607-01
MSN VET M ADMINISTRATION DEAN'S OFC (144-S803) 78,439.00

31) MACULAR PHOTOCOAGULATION STUDY
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 EY03284-04
MSN HS-MED OPHTHALMOLOGY (144-S804) 35,515.00

32) NATURAL HISTORY OF ANGLE CLOSURE GLAUCOMA SUSPECTS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 5 RO1 EY03503-03
MSN HS-MED OPHTHALMOLOGY (144-S805) 12,224.00

33) HUMAN BLOOD AND TISSUE PROTEINS
FOR THE PERIOD 02-01-83 THROUGH 01-31-84
AWARD # 5 RO1 CA01786-29
MSN HS-MED PHYSIOLOGY CHEM (144-S817) 151,222.00

34) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 02-01-83 THROUGH 01-31-84
AWARD # 5 F32 GM08753-02
MSN AG&LSC CHEMISTRY (144-S822) 17,040.00

35) THE GENETIC SPECIFICATION OF NEMATODE MUSCLE
FOR THE PERIOD 02-01-83 THROUGH 01-31-84
AWARD # 5 RO1 GM30132-02
MSN AG&LSC GENETICS (144-S825) 58,302.00

36) MYOSIN ISOENZYMES AND CONTRACTION IN DEVELOPING MUSCLES
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 1 RO1 AM31806-01
MSN HS-MED PHYSIOLOGY (144-S827) 69,900.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

37) TOXICOLOGY OF DITHIOBIURET AND ENVIRONMENTAL AGENTS
FOR THE PERIOD 02-01-83 THROUGH 01-31-84
AWARD # 2 R01 ES01906-04
MSN HS-PHR PHARMACY (144-5831) 67,644.00

22. GEORGE WASHINGTON UNIVERSITY
BETHESDA, MD
PRIME CONTRACTOR WITH DHHS PHS NIH
OPHTHALMOLOGIC READING CENTER FOR THE DIABETES CONTROL/COMPLICATIONS TRIAL
FOR THE PERIOD 10-01-82 THROUGH 11-30-82
AWARD # 82-S13
MSN HS-MED OPHTALMOLOGY (144-5770) 74,017.00

23. BAYSTATE MEDICAL CENTER
SPRINGFIELD, MA
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS OFFICE
FOR THE PERIOD 06-01-82 THROUGH 05-31-83
AT A TOTAL COST OF $8,327.00
AWARD # 983W371
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-5027)

24. DOD, AIR FORCE
NEW MEXICO
INVESTIGATION OF A PLASMA AS A STRONG MICROWAVE POWER SOURCE
FOR THE PERIOD 07-01-82 THROUGH 09-30-83
AT A TOTAL COST OF $33,024.00
AWARD # F29601-82-K-0026, MOD. 2
MSN ENGR ENGR EXPER STA NUCL ENGR (144-5225) 17,224.00

25. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
DIESEL ENGINE CYLINDER GAS-SIDE HEAT FLUX TO A CERAMIC SURFACE
FOR THE PERIOD 05-18-81 THROUGH 05-17-83
AT A TOTAL COST OF $103,000.00
AWARD # DAAG29-81-K-0082, MOD. 2
MSN ENGR ENGR EXPER STA MECH ENGR (144-0816) 15,000.00

26. DOD, ARMY
WASHINGTON, DC
AN EXPERIMENTAL STUDY OF POWER AND CONTROL FOR AN ULTRAMOBILE VEHICLE "UMV"
FOR THE PERIOD 11-01-81 THROUGH 09-30-83
AT A TOTAL COST OF $277,000.00
AWARD # MDA903-82-C-0028, MOD. 1
MSN ENGR ENGR EXPER STA EL&COMPUT (144-R662) 182,000.00

27. DOD, NAVY
ARLINGTON, VA
CREATE AND DEVELOP IMPROVED STATISTICAL & PROBABILISTIC METHODOLOGY INCLUDING, BUT NOT LIMITED TO, METHODS OF PARAMETER ESTIMATION
FOR THE PERIOD 08-15-77 THROUGH 09-30-83
AT A TOTAL COST OF $204,548.00
AWARD # NOOO14-77-C-0675, MOD. 8
MSN L&S STATISTICS (144-K556) 53,447.00
RESEARCH

28. DEFENSE, DEPT OF
ARLINGTON, VA
OPERATING SYSTEMS FOR RING-BASED MULTIPROCESSORS
FOR THE PERIOD 01-18-82 THROUGH 10-31-83
AT A TOTAL COST OF $300,000.00
AWARD # NOOO14-82-C-2087, MOD. 2
MSN L&S COMPUTER SCI (144-R758) 160,000.00

29. ENERGY, DEPT OF
ARGONNE, IL
EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS
FOR THE PERIOD 04-01-80 THROUGH 01-31-83
AT A TOTAL COST OF $34,340,876.00
AWARD # DE-AC02-76ER00081, MOD. 16
MSN L&S PHYSICS (144-E164) 225,000.00

30. DEPARTMENT OF ENERGY
ARGONNE, IL
INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 10-01-77 THROUGH 01-31-83
AT A TOTAL COST OF $4,948,692.00
AWARD # DE-AC02-78ER00881, MOD. 13
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K783) 465,000.00

31. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:

1) RADIATION DAMAGE STUDIES FOR FUSION REACTORS
FOR THE PERIOD 10-01-80 THROUGH 10-31-83
AWARD # DE-AC01-78ET52069, MOD. 6
MSN ENGR ENGR EXPER STA NUCL ENGR (144-Q319) 93,000.00

2) FUSION PLASMA THEORY
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # DE-AC02-80ER55304, MOD. MOD. 8
MSN ENGR ENGR EXPER STA NUCL ENGR (144-784) 137,000.00

3) FAST NEUTRON DOSIMETRY
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # DE-AC02-78EO1105, MOD. 9
MSN HS-MED MEDICAL PHYSICS (144-787) 62,500.00

4) DATABASE MACHINES FOR LARGE STATISTICAL DATABASES
FOR THE PERIOD 01-16-83 THROUGH 01-15-86
AWARD # DE-AC02-81ER10920, MOD. 3
MSN L&S COMPUTER SCI (144-819) 45,000.00

32. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
MOLTEN FUEL-COOLANT INTERACTIONS
FOR THE PERIOD 12-02-82 THROUGH 09-30-84
AWARD # 37-3119
MSN ENGR ENGR EXPER STA NUCL ENGR (144-724) 100,000.00
GIFTS,GRANTS AND CONTRACTS
FEBRUARY 11, 198

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

33. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
PARTIAL SUPPORT OF MATERIALS SCIENCE PH.D STUDENT
FOR WEAVER/ARCO COOPERATIVE RESEARCH PROGRAM AT
WISCONSIN
FOR THE PERIOD 01-05-83 THROUGH 08-31-83
AWARD # 31-109-38-7033
MSN GRAD PHY SCIENCES LAB (144-S815) 7,065.00

34. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PRIME CONTRACTOR WITH GSA
DOCUMENTARY HISTORY OF THE RATIFICATION OF THE
CONSTITUTION AND DOCUMENTARY HISTORY OF THE FIRST
FEDERAL ELECTIONS
FOR THE PERIOD 01-01-83 THROUGH 12-31-83
AWARD # 83-23
MSN L& S HISTORY (144-S759) 120,236.00

35. GOVERNOR’S EMPLOYMENT & TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
MAINTENANCE OF A CENTRAL CLEARINGHOUSE AND
DISSEMINATION PROCESS OF EMPLOYMENT AND
TRAINING-RELATED INFORMATION-FIFTH QUARTER
FOR THE PERIOD 10-01-82 THROUGH 03-31-83
AT A TOTAL COST OF $18,530.00
AWARD # G4AD-83-975, MOD. 1
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S593) 9,238.00

36. GOVERNOR’S EMPLOYMENT & TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
A STUDY OF BASIC SKILLS IN WISCONSIN -
FIFTH QUARTER
FOR THE PERIOD 10-01-82 THROUGH 03-31-83
AT A TOTAL COST OF $44,058.00
AWARD # G4AD-83-968, MOD. 1
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S594) 21,586.00

37. GOVERNOR’S EMPLOYMENT & TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
DEVELOPMENT OF A UNIFORM ASSESSMENT PROCESS -
FIFTH QUARTER
FOR THE PERIOD 10-01-82 THROUGH 03-31-83
AT A TOTAL COST OF $24,722.00
AWARD # G4AD-83-971, MOD. 1
MSN EDUC WIS VOC STU CTR W VOC ST C (144-S595) 12,294.00

38. NATIONAL AERONAUTICS & SPACE ADMIN.
HAMPTON, VA
SCIENCE SUPPORT FOR THE EARTH RADIATION BUDGET
EXPERIMENT (ERBE)
FOR THE PERIOD 10-17-80 THROUGH 10-16-85
AT A TOTAL COST OF $110,000.00
AWARD # NAS1-16507, MOD. 3
MSN GRAD SPACE SCI&ENG CT (144-Q419) 85,000.00
GIFTS, GRANTS AND CONTRACTS
FEBRUARY 11, 198

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

39. NATIONAL AERONAUTICS & SPACE ADMIN.
WASHINGTON, DC
STUDIES OF THE SUPERMASSIVE CENTRAL STAR OF THE
30 DORADUS NEBULA AND RELATED OBJECTS
FOR THE PERIOD 02-01-82 THROUGH 01-31-84
AT A TOTAL COST OF $51,514.00
AWARD # NAGW-283, MOD. 1
MSN L&S ASTRONOMY (144-R746) 25,900.00

40. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:

1) PARTICIPATION IN DEVELOPMENT OF AN IR TEMPERATURE
SOUNDER FOR A SYNCHRONOUS METEOROLOGICAL SATELLITE
FOR THE PERIOD 08-31-73 THROUGH 01-31-83
AT A TOTAL COST OF $3,770,244.00
AWARD # NAS5-21965, MOD. 28
MSN GRAD SPACE SCI&ENG CT (144-E685) 7,871.00

2) SUPPORT OF HIGH RESOLUTION SPECTROGRAPH
FOR THE PERIOD 05-16-79 THROUGH 07-31-83
AT A TOTAL COST OF $169,000.00
AWARD # NAS5-25714, MOD. 7
MSN L&S AST-SPA AST LAB (144-N029) 17,000.00

3) ULTRAVIOLET STUDIES WITH THE IUE SATELLITE
FOR THE PERIOD 06-15-81 THROUGH 10-31-83
AT A TOTAL COST OF $117,844.00
AWARD # NAGS-186, MOD. 3
MSN L&S ASTRONOMY (144-Q873) 25,348.00

4) AIRCRAFT BORNE METEOROLOGICAL MEASUREMENTS DURING
THE MLA BIDIRECTIONAL REFLECTANCE AND ATMOSPHERIC
EFFECTS EXPERIMENT
FOR THE PERIOD 07-26-82 THROUGH 12-25-82
AT A TOTAL COST OF $27,437.00
AWARD # NAS5-27920, MOD. 1
MSN L&S METEOROLOGY (144-S399) 6,076.00

41. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) COMPANION TO TRADITIONAL CHINESE LITERATURE
FOR THE PERIOD 05-01-81 THROUGH 01-31-84
AT A TOTAL COST OF $110,899.00
AWARD # RT-20062-81-1791, MOD. 3
MSN L&S E ASIAN LANG&LIT (144-R125) 6,771.00

2) THE DOCUMENTARY HISTORY OF THE RATIFICATION OF
THE CONSTITUTION AND THE BILL OF RIGHTS
FOR THE PERIOD 07-01-82 THROUGH 06-30-84
AT A TOTAL COST OF $208,968.00
AWARD # RE-20198-82, MOD. 2
MSN L&S HISTORY (144-S501) 15,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

3) SIGN, SYMBOL, SCRIPT THE ORIGINS OF WRITING AND THE ALPHABET
FOR THE PERIOD 12-01-82 THROUGH 12-31-85
AWARD # GM-20958-83
MSN L&S HEBREW & SEM STU (144-S793) 150,000.00

4) NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH:
CRYSTALLOGRAPHIC DETERMINATION OF LIMITATIONS TO ORDER IN SURFACES AND OVERLAYERS
FOR THE PERIOD 01-15-79 THROUGH 06-30-84
AT A TOTAL COST OF $424,700.00
AWARD # DMR-7825754, MOD. 4
MSN ENGR ENGR EXPER STA MET & MIN (144-M645) 92,200.00

2) NEW APPROACHES FOR SELECTIVITY IN THE SYNTHESIS OF ORGANIC COMPOUNDS
FOR THE PERIOD 01-01-80 THROUGH 06-30-84
AT A TOTAL COST OF $567,840.00
AWARD # CHE-8107215, MOD. 4
MSN L&S CHEMISTRY (144-P029) 179,191.00

3) COMPARATIVE STUDIES OF A SUITE OF LAKES IN WISCONSIN
FOR THE PERIOD 10-01-80 THROUGH 06-30-84
AT A TOTAL COST OF $757,795.00
AWARD # DEB-8012313, MOD. 3
MSN L&S ZOOLOGY (144-Q172) 248,104.00

4) OPERATION OF ALADDIN
FOR THE PERIOD 12-01-80 THROUGH 05-31-84
AT A TOTAL COST OF $4,204,000.00
AWARD # DMR-8020164, MOD. 3
MSN GRAD PHY SCIENCES LAB (144-Q446) 1,170,000.00

5) SOMATOSENSORY CIRCUITS OF THE CEREBELLUM
FOR THE PERIOD 02-01-81 THROUGH 07-31-84
AT A TOTAL COST OF $219,948.00
AWARD # BNS-8022321, MOD. 2
MSN HS-MED NEUROPHYSIOLOGY (144-Q533) 78,413.00

6) THE ARCTIC STRATUS EXPERIMENT: DATA ANALYSIS
FOR THE PERIOD 05-01-81 THROUGH 07-31-84
AT A TOTAL COST OF $157,524.00
AWARD # DPP-8023733, MOD. 2
MSN L&S METEOROLOGY (144-R075) 86,841.00

7) ALKYLATION REACTIONS WITH ORGANOMETALLIC COMPOUNDS
FOR THE PERIOD 07-01-81 THROUGH 06-30-84
AT A TOTAL COST OF $194,600.00
AWARD # CHE-8108535, MOD. 2
MSN L&S CHEMISTRY (144-R115) 76,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

8) STUDIES OF SURFACE STRUCTURES, LATTICE DYNAMICS AND ADATOM INTERACTIONS
   FOR THE PERIOD 11-15-81 THROUGH 04-30-84
   AT A TOTAL COST OF $145,000.00
   AWARD # DMR-8114843, MOD. 1
   MSN L&S PHYSICS (144-R598) 75,000.00

9) ELECTROGENERATIVE PROCESS STUDIES
   FOR THE PERIOD 02-01-82 THROUGH 07-31-84
   AT A TOTAL COST OF $103,070.00
   AWARD # CHE-8119232, MOD. 1
   MSN ENGR ENGR EXPER STA CHEM ENGR (144-R766) 52,500.00

10) ELECTROSTATIC COMPONENT OF PROTEIN-NUCLEIC ACID INTERACTIONS
    FOR THE PERIOD 03-01-82 THROUGH 08-31-84
    AT A TOTAL COST OF $136,000.00
    AWARD # PCM-81120031, MOD. 1
    MSN L&S CHEMISTRY (144-R792) 68,000.00

11) COMPUTATION AND THEORY IN NONLINEAR PROGRAMMING
    FOR THE PERIOD 06-01-82 THROUGH 11-30-84
    AT A TOTAL COST OF $255,525.00
    AWARD # MCS-82000632, MOD. 1
    MSN L&S COMPUTER SCI (144-R868) 144,097.00

12) FUNDAMENTAL STUDIES IN APPLIED COMPUTER CONTROL
    FOR THE PERIOD 07-01-82 THROUGH 12-31-84
    AT A TOTAL COST OF $123,975.00
    AWARD # CPE-820395, MOD. 1
    MSN ENGR ENGR EXPER STA CHEM ENGR (144-S309) 103,975.00

13) A HIGH-RESOLUTION ELECTRON DIFFRACTOMETER FOR SURFACE STRUCTURAL STUDIES
    FOR THE PERIOD 08-01-82 THROUGH 05-31-84
    AT A TOTAL COST OF $106,700.00
    AWARD # DMR-8207225, MOD. 1
    MSN ENGR ENGR EXPER STA MET & MIN (144-S314) 77,700.00

14) DEVELOPMENT OF ALGEBRAIC ALGORITHMS IN THE SAC-2 COMPUTER LANGUAGE
    FOR THE PERIOD 01-01-83 THROUGH 06-30-84
    AWARD # INT-8213027
    MSN L&S COMPUTER SCI (144-S762) 5,215.00

15) STUDIES OF ZEOLITE CATALYSTS FOR CONTROL OF EMISSIONS: REACTION AND HYDROCARBON OXIDATION
    FOR THE PERIOD 12-01-82 THROUGH 05-31-85
    AWARD # CPE-8207077
    MSN ENGR ENGR EXPER STA CHEM ENGR (144-S779) 36,671.00

16) AN INVESTIGATION OF THE AFRICAN WAVE--SAHARAN AIR RELATIONSHIP AND ITS IMPACT ON TROPICAL STORM FORMATION
    FOR THE PERIOD 01-15-83 THROUGH 06-30-84
    AWARD # ATM-8213140
    MSN GRAD SPACE SCI&ENG CT (144-S788) 62,700.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

17) ELECTROPHYSIOLOGY OF WILD-TYPE AND MUTANT PARAMECIUM FOR THE PERIOD 01-15-83 THROUGH 06-30-84 AWARD # BNS-8216149 MSN GRAD MOLECULAR BIOL (144-S789) 63,482.00

18) MOLECULAR MECHANISM OF TN5 TRANSPOSITION FOR THE PERIOD 01-15-83 THROUGH 06-30-84 AWARD # PCM-8215021 MSN AG&LSC BIOCHEMISTRY (144-S790) 56,592.00

19) STUDIES ON THE ORGANIZATION OF AUDITORY CORTEX FOR THE PERIOD 01-15-83 THROUGH 06-30-84 AWARD # BNS-8215777 MSN HS-MED NEUROPHYSIOLOGY (144-S792) 89,938.00

20) LOADS DUE TO HUMAN MOVEMENTS ON ASSEMBLY STRUCTURES FOR THE PERIOD 01-01-83 THROUGH 06-30-84 AWARD # CEE-8213966 MSN ENGR ENGR EXPER STA CIVIL&ENV (144-S812) 58,390.00

21) STUDIES OF THE AVAILABLE POTENTIAL ENERGY, KINETIC ENERGY AND CYCLONE ACTIVITY DURING THE FGGE YEAR FOR THE PERIOD 12-15-82 THROUGH 05-31-84 AWARD # ATM-8215035 MSN L&S METEOROLOGY (144-S821) 63,300.00

22) POSTDOCTORAL INTERDISCIPLINARY RESEARCH IN THE MATHEMATICAL SCIENCES FOR THE PERIOD 09-01-83 THROUGH 02-28-85 AWARD # MCS-8210850 MSN L&S MATH RES CTR (144-S823) 165,000.00

23) HEAVY-ATOM ISOTOPE EFFECTS IN BIOCHEMICAL SYSTEMS FOR THE PERIOD 02-01-83 THROUGH 07-31-84 AWARD # PCM-8216597 MSN L&S CHEMISTRY (144-S828) 45,000.00

24) ORGANOMETALLIC REACTION MECHANISMS (CHEMISTRY) FOR THE PERIOD 02-01-83 THROUGH 07-31-84 AWARD # CHE-8219382 MSN L&S CHEMISTRY (144-S829) 141,053.00

43. CLARK UNIVERSITY WORCESTER, MA PRIME CONTRACTOR WITH NSF MORTGAGE DEFAULT RISKS ASSOCIATED WITH EARTHQUAKES AN ANALYSIS BASED ON THE 1971 SAN FERNANDO EARTH-QUAKE FOR THE PERIOD 01-01-83 THROUGH 04-30-84 AWARD # AGR DTD 08-24-82 MSN BUS SCH OF BUSINESS (144-S814) 42,979.00
RESEARCH

44. NATIONAL ASSOCIATION FOR FOREIGN STUDENT AFFAIRS
WASHINGTON DC
PRIME CONTRACTOR WITH VAR
FOREIGN STUDENT SPOUSE VOLUNTEER INTERNSHIP PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 08-31-83
AWARD # AGR DTD 07-22-82
MSN AC SVC FOR STU&FAC ADVS (144-S811) 5,056.25

45. CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY
MSN HS-MED ONCOLOGY (133-A250)

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MT. HOREB, WI
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CLINTONVILLE, WI
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SHEBOYGAN FALLS, WI
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47. HEART RESEARCH
MSN HS-MED (133-A252)

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MT. HOREB, WI
166.50 UNITED WAY OF CLINTONVILLE & VICINITY, INC.
CLINTONVILLE, WI
1,000.00 UNITED FUND OF SHEBOYGAN FALLS
SHEBOYGAN FALLS, WI

1,850.52
### UNIVERSITY OF WISCONSIN - MADISON

#### RESEARCH

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57. SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE
   MSN AG&LSC FOOD SCIENCE (133-B996)
   1,780.00 WISCONSIN CHEESE MAKERS ASSOCIATION
   MADISON, WI
   1,500.00 SWISS VALLEY FARMS, CO.
   DAVENPORT, IA
   3,280.00

58. POTATO & OTHER VEGETABLE RESEARCH
   MSN AG&LSC UNIV EXPTL FARMS HANCOCK (133-C235)
   400.00 MULTIPLE DONORS
   1,000.00 CENTRAL SANDS SALES, INC.
   BANCROFT, WI
   1,400.00

59. MULTIPLE DONORS
   PULMONARY RESEARCH
   MSN HS-MED MEDICINE (133-C326)
   80.00

60. HEWLETT PACKARD
   PALO ALTO, CA
   GRADUATE RESEARCH SUPPORT IN THE DEPARTMENT OF
   ELECTRICAL AND COMPUTER ENGINEERING
   MSN ENGR ENGR EXPER STA EL&COMPUT (133-C555)
   4,072.00

61. INTERNATIONAL COPPER RESEARCH ASSOCIATION, INC.
    NEW YORK, NY
    CRITICAL EVALUATION OF PHASE DIAGRAM AND
    THERMODYNAMIC DATA FOR TERNARY COPPER
    OXYGEN-METAL SYSTEMS
    AWARD # 303
    MSN ENGR ENGR EXPER STA MET & MIN (133-C671)
    26,000.00

62. GLEASON MEMORIAL FUND, INC
    ROCHESTER, NY
    BASIC RESEARCH IN PRECISION ENGINEERING
    MSN ENGR MECHANICAL ENGR (133-C767)
    12,500.00

63. MULTIPLE DONORS
    CLINICAL MICROBIOLOGY LABORATORY FUND
    MSN HS-MED MEDICINE (133-C795)
    600.00

64. GENERAL DYNAMICS
    FORT WORTH, TX
    DEVELOPMENT OF A DRILL CONDITION/PERFORMANCE
    SENSOR FOR ROBOTIC APPLICATIONS
    MSN ENGR ENGR EXPER STA MECH ENGR (133-D040)
    299,430.00

65. REVLON HEALTH CARE GROUP
    TUCKAHoe, NY
    SPECIAL COAGULATION STUDY
    MSN HS-MED MEDICINE HEMATOLOGY (133-D535)
    1,500.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

66. INSECT PEST MANAGEMENT
   MSN AG&LSC ENTOMOLOGY
   (133-D617)
   1,000.00 AMERICAN CYANAMID COMPANY
   PRINCETON, NJ
   50.00 MULTIPLE DONORS
   1,050.00

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   WOOSTER, OH
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   PRODUCT INSECT CONTROL UTILIZING PHYSICAL,
   CHEMICAL AND BIOLOGICAL AGENTS
   MSN AG&LSC ENTOMOLOGY
   (133-D627) 6,750.00

68. MULTIPLE DONORS
   DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND
   MSN HS-MED PATHOL & LAB MED ANAT PATH
   (133-D646) 686.40

69. CINCINNATI MILACRON, INC.
   CINCINNATI, OH
   STUDIES IN TACTILE SENSING AND MACHINE
   PROGRAMMING FOR ROBOTAL GUIDANCE
   MSN ENGR ENGR EXPER STA MECH ENGR
   (133-D989) 8,500.00

70. MINT INDUSTRY RESEARCH COUNCIL
    CHEHALIS, WA
    PLANT PEST PROBLEMS AFFECTING THE MINT INDUSTRY
    IN WISCONSIN
    MSN AG&LSC HORTICULTURE
    (133-E115) 4,000.00

71. DAHL (JUNE L)
    MADISON, WI
    ONTOGENY OF ENKEPHALINERGIC SYSTEMS
    MSN HS-MED PHARMACOLOGY
    (133-E144) 885.00

72. MADISON METROPOLITAN SEWERAGE DISTRICT
    MADISON, WI
    RESEARCH ON MADISON METROPOLITAN SEWERAGE
    DISTRICT SYSTEM OPERATIONS
    MSN ENGR ENGR EXPER STA CIVIL&ENV
    (133-E263) 30,000.00

73. MULTIPLE DONORS
    TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND
    MSN HS-MED MED MICROBIOLOGY
    (133-E289) 870.00

74. RADIATION MEASUREMENTS INCORPORATED
    MIDDLETON, WI
    DIRECT READING KVP METER AND NEW TRANSILLUMINATOR
    FOR THE PERIOD 02-01-81 THRU 09-30-83
    AT A $20,300 LEVEL
    MSN HS-MED MEDICAL PHYSICS
    (133-E337) 5,250.00

75. FISONS CORPORATION
    BEDFORD, MA
    RESEARCH IN PHARMACY
    MSN HS-PHR PHARMACY
    (133-E390) 5,000.00
76. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
NEURORADIOLOGIC FELLOWSHIP
MSN HS-MED RADIOLOGY DIAGNOSTIC (133-E470) 2,308.99

77. FISHER-BARTON, INC.
WATERTOWN, WI
TOUGHNESS OF AUSTEMPERED STEELS
MSN ENGR ENGR EXPER STA MET & MIN (133-E519) 3,000.00

78. MULTIPLE DONORS
FOOD ENGINEERING RESEARCH
MSN AG&LSC FOOD SCIENCE (133-E670) 500.00

79. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HYPERTHERMIA RESEARCH
MSN HS-MED HUMAN ONCOLOGY (133-E770) 5,000.00

80. AMERICAN FOUNDRYMEN'S SOCIETY
DES PLAINES, IL
RELATIONSHIP BETWEEN LEACH TEST RESULTS AND
LEACHATE AND GROUNDWATER QUALITY AT FOUNDRY
WASTE LANDFILLS AT AN $87,167 LEVEL
AWARD # 6-80-81
MSN ENGR ENGR EXPER STA CIVIL&ENV (133-E809) 16,517.00

81. MULTIPLE DONORS
LAW SCHOOL DEAN'S UNRESTRICTED FUND
MSN LAW LAW SCHOOL (133-E839) 423.08

82. WISC DEPT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 10-01-81 THRU 12-31-82 AT AN $8,760 LEVEL
AWARD # P.O.#GAB95240, FBC17449
MSN L&S URBAN & REG PLAN (133-E857) 260.00

83. MINNESOTA MINING AND MANUFACTURING COMPANY
ST. PAUL, MN
POLYSILANE POLYMERS
MSN L&S CHEMISTRY (133-E858) 33,089.00

84. OHIO MEDICAL PRODUCTS DIVISION
AIRCO, INC.
MADISON, WI
SOLID STATE DEVICE RESEARCH FOR THE
PERIOD 09-01-81 THRU 08-31-83 AT A $51,500 LEVEL
MSN ENGR ENGR EXPER STA EL&COMPUT (133-E890) 21,000.00

85. J. W. JUNG SEED CO.
RANDOLPH, WI
ONION, CARROT AND GARDEN BEET BREEDING
MSN AG&LSC HORTICULTURE (133-E907) 3,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

86. MULTIPLE DONORS
   PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE
   MSN HS-MED PEDIATRICS (133-E936) 300.00

87. AMERICAN ASSOCIATION OF STATE COLLEGES AND UNIVERSITIES
   WASHINGTON, DC
   PUBLIC HIGHER EDUCATION STUDENT AID STUDY: SURVEY OPERATIONS FOR THE PERIOD 11-15-81
   THRU 04-01-83 AT A $16,708.02 LEVEL REDUCED PER MUTUAL AGREEMENT
   MSN EDUC EDUC ADMIN (133-E978) 5,191.98

88. SQUIBB (E.R.) & SONS, INC.
   PRINCETON, NJ
   RENOGRAFIN-76 FOR DIGITAL SUBTRACTION
   MSN HS-MED RADIOLOGY DIAGNOSTIC (133-F091) 9,000.00

89. SQUIBB (E.R.) & SONS, INC.
   PRINCETON, NJ
   COMPARISON OF IOPAMIDOL AND METRIZAMIDE FOR USE IN MYELOGRAPHY
   MSN HS-MED RADIOLOGY (133-F092) 4,380.00

90. UNIVERSITY PSYCHIATRY GROUP
   MADISON, WI
   EXPOSURE THERAPIST SALARY SUPPORT
   MSN HS-MED PSYCHIATRY (133-F119) 8,987.00

91. MEADOX INSTRUMENTS, INC.
   OAKLAND, NJ
   INTRACRANIAL PRESSURE MONITOR
   MSN HS-MED SURGERY (133-F155) 6,172.85

92. UNIVERSITY SURGICAL ASSOCIATES
   MADISON, WI
   RESEARCH IN KIDNEY TRANSPLANTATION
   MSN HS-MED SURGERY (133-F197) 2,653.38

93. SMITH, KLINE, AND FRENCH LABORATORIES
   PHILADELPHIA, PA
   STUDY OF SAFETY AND PERITONEAL EQUILIBRATION AND CLEARANCE OF FK-749 (SK & F 88373-Z)
   MSN HS-MED MEDICINE INFECT DIS (133-F248) 14,200.00

94. MULTIPLE DONORS
   SUDDEN INFANT DEATH SYNDROME RESEARCH
   MSN HS-MED PATHOL & LAB MED ANAT PATH (133-F270) 25.00

95. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   RENNIEBOM PROFESSOR OF APPLIED ECONOMICS
   MSN L&S SPECIAL PROJECTS CTR FOR DV (133-F276) 13,040.00

96. U.S. COMMITTEE FOR SCIENTIFIC COOPERATION WITH VIETNAM
    FULLERTON, CA
    PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM
    MSN HS-MED PREVENTIVE MED (133-F298) 2,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

97. CIBA-GEIGY CORPORATION
SUMMIT, NJ
VOLTAREN CONTROLLED RELEASE CAPSULES VS VOLTAREN TABLETS VS PLACEBO: A DOUBLE-BLIND COMPARATIVE STUDY IN PATIENTS WITH RHEUMATOID ARTHRITIS
MSN HS-MED MEDICINE RHEUMATOL (133-F302) 8,138.00

98. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FUSION FEASIBILITY STUDIES
MSN ENGR ENGR EXPER STA NUCL ENGR (133-F328) 40,000.00

99. MALLINCKRODT, INC.
ST. LOUIS, MO
HEPAPRAX AND DSA
MSN HS-MED RADIOLOGY (133-F354) 3,000.00

100. MULTIPLE DONORS
RESEARCH ON DAIRY PRODUCTS PROCESSING UTILIZING THE UW DAIRY PLANT
MSN AG&LSC FOOD SCIENCE (133-F361) 600.00

101. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
STUDY OF PAIN RELIEVING MODALITIES
MSN HS-MED ANESTHESIOLOGY (133-F531) 1,200.00

102. WISCONSIN CROP IMPROVEMENT ASSOCIATION
MADISON, WI
SMALL GRAIN BREEDING AND RESEARCH
MSN AG&LSC AGRONOMY (133-F535) 1,278.55

103. SMITH, KLINE, AND FRENCH LABORATORIES
PHILADELPHIA, PA
RIDAURA STUDY PROTOCOL A-99 AT A $12,000 LEVEL
MSN HS-MED MEDICINE RHEUMATOL (133-F582) 6,000.00

104. ABBOTT LABORATORIES
NORTH CHICAGO, IL
IMIPRAMINE DRUG STUDY
MSN HS-MED MEDICINE ALLRGY&IMM (133-F611) 9,400.00

105. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
REGIONAL INTEGRATED LAKE-WATERSHED ACIDIFICATION STUDY FOR THE PERIOD 07-01-82 THRU 12-31-83 AT A $74,975 LEVEL
MSN AG&LSC SOILS (133-F660) 52,217.00

106. ARTHRITIS FOUNDATION
WISCONSIN CHAPTER
MILWAUKEE, WI
BIOAVAILABILITY OF ORAL PENICILLAMINE
MSN HS-MED MEDICINE RHEUMATOL (133-F717) 987.50
107. EXXON MINERALS COMPANY
RHINELANDER, WI
MASSIVE SULFIDE STUDIES
MSN L&S GEOL & GEOPHYSICS (133-F725) 1,260.00

108. WISC DEPT OF PUBLIC INSTRUCTION
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
07-01-82 THRU 06-30-83
MSN HS-MED PEDIATRICS (133-F823) 20,572.75

109. MINNESOTA MINING & MANUFACTURING COMPANY
ST. PAUL, MN
TEGADERM CLINICAL STUDY
MSN HS-MED PEDIATRICS (133-F828) 22,500.00

110. HUGHES AIRCRAFT COMPANY
LOS ANGELES, CA
MAN-COMPUTER INTERACTIVE DATA ACCESS SYSTEM
(MCIDAS) TERMINAL
AWARD # P.O. #28-735536-XJT
MSN GRAD SPACE SCI&ENG CT (133-F834) 113,637.00

111. CLINITEMP, INC.
INDIANAPOLIS, IN
HOT WATER GAUGE STUDY
MSN HS-MED PEDIATRICS (133-F836) 1,000.00

112. WISCONSIN POWER AND LIGHT COMPANY
MADISON, WI
WISCONSIN PERSONAL MONITORING AIR POLLUTION HEALTH
STUDY FOR THE PERIOD 01-01-83 THRU 12-31-83
MSN ENV ST CT HUMAN SYSTEMS (133-F837) 37,750.00

113. AGRIGENETICS RESEARCH ASSOCIATES LIMITED
GOLDEN, CO
DEVELOPMENT OF BROME MOSAIC VIRUS AS A GENE
VECTOR
MSN GRAD BIOPHYSICS (133-F838) 170,313.00

114. MSD - AGVET
MERCK & CO., INC.
RAHWAY, NJ
EFFECT OF PROLONGED HEAT ON BROILERS FED A
COCCIDIOSTAT
MSN AG&LSC POULTRY SCIENCE (133-F839) 6,971.30

115. PROZYME CO., INC.
CHICAGO, IL
DETERMINING VALUE OF NEW ENZYME PREPARATION
FOR POULTRY
MSN AG&LSC POULTRY SCIENCE (133-F840) 2,000.00

116. DEAFNESS RESEARCH FOUNDATION
NEW YORK, NY
NEURONAL MECHANISMS OF SOUND LOCALIZATION
FOR THE PERIOD 01-01-83 THRU 12-31-83
MSN HS-MED NEUROPHYSIOLOGY (133-F862) 10,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

117. DEAFNESS RESEARCH FOUNDATION
    NEW YORK, NY
    COCHLEAR PROTEINS OF NORMAL AND GENETICALLY-DEAF
    ANIMALS FOR THE PERIOD 01-01-83 THRU 12-31-83
    MSN HS-MED NEUROPHYSIOLOGY (133-F863) 10,000.00

118. GUASTELLA (JOHN)
    MADISON, WI
    RESEARCH IN AREA OF ROLE OF 4-AMINOBUTYRIC ACID
    (GABA) IN ASCARIS
    MSN L&S ZOOLOGY (133-F864) 3,000.00

119. CASTLE & COOK TECHNICALCULTURE
    WATSONVILLE, CA
    MICROPROPAGATION OF HORTICULTURAL CROPS
    MSN AG&LSC HORTICULTURE (133-F865) 10,000.00

120. MCDONALD'S CORPORATION
    OAK BROOK, IL
    DETECTION OF E. COLI IN FOODS
    MSN AG&LSC FOOD MICRO&TOXIC (133-F867) 26,000.00

121. LAND O'LAKES, INC.
    ARDEN HILLS, MN
    FOOD ENGINEERING RESEARCH
    MSN AG&LSC FOOD SCIENCE (133-F869) 1,800.00

122. WISCONSIN CATTLEMEN'S ASSOCIATION
    MONTFORT, WI
    INCREASED BEEF PRODUCTION FROM WISCONSIN
    CATTLE AND GRAIN RESOURCES
    MSN AG&LSC MEAT & ANIMAL SC (133-F870) 8,500.00

123. MULTIPLE DONORS
    ARTHRITIS RESEARCH
    MSN HS-MED MEDICINE RHEUMATOL (133-F871) 250.00

124. MILES LABORATORIES, INC.
    ELKHART, IN
    RESEARCH IN AREA OF ENSILING CHARACTERISTICS OF
    FORAGE FOR USE BY DAIRY CATTLE
    MSN AG&LSC DAIRY SCIENCE (133-F873) 9,000.00

125. PARKER PEN COMPANY
    JANESVILLE, WI
    THIN FILMS COATING RESEARCH
    AWARD # P.O. # 11370
    MSN ENGR ENGR EXPER STA MET & MIN (133-F874) 4,500.00

126. WISC DEPT OF TRANSPORTATION
    MADISON, WI
    EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
    01-17-83 THRU 05-20-83
    AWARD # P.O. # TRCO3600
    MSN L&S URBAN & REG PLAN (133-F878) 3,150.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

127. WISC DEPT OF TRANSPORTATION
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
01-17-83 THRU 05-20-83
AWARD # P.O. # TRC03601
MSN ENV ST ENVIR POLICY ST
(133-F879) 3,150.00

128. WISC DEPT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
09-01-82 THRU 06-30-83
MSN HS-MED PREVENTIVE MED
(133-F880) 1,451.37

129. WENNER-GREN FOUNDATION FOR
ANTHROPOLOGICAL RESEARCH, INC.
NEW YORK, NY
RESEARCH ON BONE CHEMISTRY AND PREHISTORIC DIETS
AWARD # 4342
MSN L&S ANTHROPOLOGY
(133-F881) 4,500.00

130. UNIVERSITY OF WISCONSIN FOUNDATION
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RESEARCH SUPPORT IN THE DEPARTMENT OF ANATOMY
MSN HS-MED ANATOMY
(133-F883) 8,100.00

131. AGRIGENETICS RESEARCH ASSOCIATES LIMITED
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PHYTOCHROME REGULATED GENE EXPRESSION
MSN L&S BOTANY
(133-F884) 390,000.00

132. LILLY (ELI) AND COMPANY
INDIANAPOLIS, IN
PHASE I EVALUATION OF VINZOLIDINE
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL
(133-F885) 10,000.00

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SIGNAL PEPTIDES OF CHLOROPLAST-DIRECTED
POLYPEPTIDES
MSN L&S BOTANY
(133-F889) 386,707.00

134. EDIL (TUNCER B), PH.D
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MSN ENGR ENGR EXPER STA CIVIL&ENV
(133-F891) 470.00

135. GENERAL ELECTRIC COMPANY
SCHENECTADY, NY
HYBRID COMPUTER SIMULATION OF A SWITCHED
RELUCTANCE MOTOR DRIVE INVERTER REPRESENTATION
AND THE APPROPRIATE CONTROL STRATEGY
MSN ENGR ENGR EXPER STA EL&COMPUT
(133-F892) 10,000.00

136. GENERAL ELECTRIC COMPANY
SCHENECTADY, NY
LCI DRIVES AND CONTROL OF PM MOTORS
MSN ENGR ENGR EXPER STA EL&COMPUT
(133-F893) 25,000.00
RESEARCH

137. HALDOR TOPSOE A/S
    COPENHAGEN, DENMARK
    UNRESTRICTED RESEARCH GRANT
    MSN ENGR ENGR EXPER STA CHEM ENGR (133-F894) 5,000.00

138. WARNER-LAMBERT COMPANY
    ANN ARBOR, MI
    EVALUATION OF PROCATEROL IN THE TREATMENT
    OF ASTHMA
    MSN HS-MED MEDICINE ALLRGY&IMM (133-F895) 19,766.00

139. RETINA RESEARCH FOUNDATION
    HOUSTON, TX
    RETINOPATHY IN THE PREGNANT DIABETIC PATIENT FOR
    THE PERIOD 01-01-83 THRU 12-31-83
    MSN HS-MED OPHTHALMOLOGY (133-F896) 26,194.00

140. WISCONSIN POWER AND LIGHT COMPANY
    MADISON, WI
    CONTINUATION OF GROUNDWATER QUALITY STUDY AT THE
    COLUMBIA COAL-FIRED STEAM PLANT FOR THE PERIOD
    01-01-83 THRU 12-31-83
    AWARD # P.O. #017527
    MSN GRAD WATER RESOURCES (133-F903) 19,100.00

141. STERLING-WINTHROP RESEARCH INSTITUTE
    RENSSELAER, NY
    ADULT LUMBAR MYEOGRAPHY: COMPARISON OF
    IHEXOL AND AMPAQUE
    MSN HS-MED RADIOLOGY (133-F904) 16,667.00

142. MULTIPLE DONORS
    CARDIOVASCULAR RESEARCH
    MSN HS-PHR PHARMACY (133-F905) 500.00

143. MULTIPLE DONORS
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    MSN AG&LSC FOOD SCIENCE (133-F907) 590.00

144. GIBCO DIVISION
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    CHAGRIN FALLS, OH
    BASIC GENETICS RESEARCH
    MSN AG&LSC GENETICS (133-F908) 14,400.00

145. SUPERIOR GRAPHITE COMPANY
    CHICAGO, IL
    CARBONACEOUS ADDITIVES FOR THE FOUNDRY INDUSTRY
    MSN ENGR ENGR EXPER STA MET & MIN (133-F911) 13,500.00

146. AMERICAN CANCER SOCIETY
    WISCONSIN DIVISION, INC.
    MADISON, WI
    SUPPORT WISCONSIN ONCOLOGY GROUP AND WISCONSIN
    ONCOLOGY NURSE GROUP
    MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-F914) 15,654.00
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| 147. | American Cancer Society  
Wisconsin Division, Inc.  
Madison, WI  
Comprehensive Cancer Nursing Course  
MSN HS-MED Human Oncology CAN C-REGN (133-F915) 15,000.00 |
| 148. | March of Dimes  
Birth Defects Foundation  
White Plains, NY  
Maternal Perception of Low Birth Weight Infants and the Genesis of Communication Skills for  
the Period 03-01-83 thru 02-29-84  
Award # 12-11  
MSN Grad Waismann Center (133-F917) 15,000.00 |
| 149. | Society of Toxicology  
Akron, OH  
Travel Grant  
MSN HS-PHR Pharmacy (133-F918) 500.00 |
| 150. | Ryan Incorporated of Wisconsin  
Janesville, WI  
Bone Marrow Transplantation Research  
MSN HS-MED Pediatrics (133-F923) 5,000.00 |
| 151. | Squibb (E.R.) & Sons, Inc.  
Princeton, NJ  
Comparison of Iopamidol and an Ionic Contrast Agent in Digital Subtraction Angiography  
MSN HS-MED Radiology (133-F925) 12,500.00 |
| 152. | Imhof (Mark)  
Madison, WI  
An Analysis of Migratory Fish Data from Lake Michigan & Wisconsin Tributaries  
MSN L&S Limnology Ctr (133-F926) 3,200.00 |
| 153. | Tinker Foundation, Inc.  
New York, NY  
Tinker Field Research Grant Program  
MSN L&S Spanish & Port Ibero-Amer (133-F927) 15,000.00 |
| 154. | Kohler Foundation, Inc.  
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Marie Christine Kohler Fellowship  
MSN Grad (133-2002) 8,000.00 |
| 155. | Multiple Donors  
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MSN HS-MED Pediatrics (133-3535) 75.00 |
| 156. | Boyd Community Chest Fund  
Boyd, WI  
Multiple Sclerosis Research  
MSN HS-MED (133-4349) 184.02 |
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<th>NO.</th>
<th>DONOR NAME</th>
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<td>157</td>
<td>MULTIPLE DONORS</td>
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<td>UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL</td>
<td>1,000.00</td>
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<td>158</td>
<td>AMERICAN CYANAMID COMPANY</td>
<td>WAYNE, NJ</td>
<td>WEED CONTROL IN AGRONOMIC CROPS</td>
<td>4,250.00</td>
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<td>MENTAL HEALTH RESEARCH</td>
<td>145.00</td>
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<td>160</td>
<td>RADIATION MEASUREMENTS, INC.</td>
<td>MIDDLETON, WI</td>
<td>SUPPORT MEDICAL PHYSICS PROGRAM IN THE DEPARTMENT OF RADIOLOGY</td>
<td>3,000.00</td>
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<td>MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND</td>
<td>1,775.00</td>
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<td>162</td>
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<td>MADISON, WI</td>
<td>MULTIPLE SCLEROSIS RESEARCH</td>
<td>14,000.00</td>
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<td>163</td>
<td>UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI</td>
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<td>REPRESENTING A TRANSFER OF FUNDS FROM THE TRANE COMPANY FOUNDATION SUPPORT UNDERGRADUATE RESEARCH PROJECTS IN DEPARTMENT OF MECHANICAL ENGINEERING</td>
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<td>BIODYNAMICS LABORATORY RESEARCH PROGRAM</td>
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<td>CEREBRAL VASCULAR RESEARCH</td>
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

167. MULTIPLE DONORS
GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS
MSN AG&LSC AGRONOMY (133-8218) 182.65

168. USV PHARMACEUTICAL CORPORATION
TARRYTOWN, NY
STUDIES OF DIVALENT CATIONS IN ANTACID PHARMACOLOGY
MSN HS-MED MEDICINE GASTROENT (133-8285) 3,000.00

169. MULTIPLE DONORS
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MSN HS-MED PEDIATRICS (133-8586) 100.00

170. MULTIPLE DONORS
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MSN ENGR ENGR EXPER STA MECHANICS (133-8859) 310.00

171. MULTIPLE DONORS
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MSN AG&LSC AGRONOMY (133-9123) 509.25

172. WISCONSIN CROP IMPROVEMENT ASSOCIATION
MADISON, WI
AGRONOMY SMALL GRAIN RESEARCH FUND
MSN AG&LSC AGRONOMY (133-9179) 2,191.80

173. MULTIPLE DONORS
HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH
MSN AG&LSC DAIRY SCIENCE (133-9531) 500.00

174. AMERICAN LUNG ASSOCIATION OF WISCONSIN
MILWAUKEE, WI
FELLOWSHIP IN PULMONARY MEDICINE
MSN HS-MED MEDICINE (133-9924) 7,500.00

STUDENT AID

1. ROBERT C. MILLER
FORT SMITH, AK
DR. ROBERT E. BURNS MEDICAL STUDENT LOAN FUND (LOAN)
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2. M. GERHARD DOKKEN
GAINESVILLE, GA
M. GERHARD DOKKEN STUDENT LOAN FUND (LOAN)
MSN G E A (LOANS ) 1,290.00

3. CALIFORNIA FIRST BANK
SAN DIEGO, CA
JOHN DARWIN MANCHESTER LOAN FUND (LOAN)
MSN BUS SV BURSAR (LOANS ) 31,318.88
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

4. UNRESTRICTED STUDENT LOAN FUND (LOAN)
   MSN BUS SV BURSAR (LOANS)
   100.00 ROBERT & SHELLIE DAVIDSON
   MINNEAPOLIS, MN
   200.00 JAMES F. SLOAN
   ROCHESTER, MN
   300.00

5. CHARLES E. AND DOROTHY WATKINS INBUSCH FOUNDATION, INC. - MILWAUKEE, WI
   JOHN ORTON WATKINS FELLOWSHIP (TRUST INCOME)
   MSN HS-MED PEDIATRICS (TRUST)
   600.00

6. SANTA'S TREES
   C/O MRS. SUZANNE WALLACE
   LAKE FOREST, IL
   EARLE D. LYON MEMORIAL SCHOLARSHIP (TRUST INCOME)
   MSN AG&LSC ADM-RESID INSTR (TRUST)
   561.00

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   HELEN DENNE SCHULTE LOAN FUND (TRUST INCOME)
   MSN HS-NUR (TRUST)
   12,273.05

8. CONTINENTAL BANK
   CHICAGO, IL
   WALTER B. SCHULTE SCHOLARSHIP (TRUST INCOME)
   MSN ENGR (TRUST)
   12,273.05

9. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   ELSIE B. MORRISON ENDOWMENT (TRUST INCOME)
   MSN L&S JOURN & MASS COM (TRUST)
   1,800.00

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    ALUMNI ASSOCIATION
    BLANCHE M. TRILLING SCHOLARSHIP (TRUST PRINCIPAL)
    MSN EDUC PHYS ED & DANCE (TRUST)
    109.50

11. MULTIPLE DONORS
    DEAN F. H. ELWELL SCHOLARSHIP (TRUST PRINCIPAL)
    MSN BUS SCH OF BUSINESS (TRUST)
    3.00

12. WISCONSIN MEDICAL ALUMNI ASSN.
    MADISON, WI
    RALPH M. WATERS SCHOLARSHIP FUND (TRUST PRINCIPAL)
    MSN HS-MED (TRUST)
    300.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

13. WISCONSIN PHYSICAL EDUCATION
   ALUMNI ASSOCIATION
   CARNES, CRONIN, GLASSOW SCHOLARSHIP
   (TRUST PRINCIPAL)
   MSN EDUC PHYS ED & DANCE
   (TRUST ) 172.00

14. WISCONSIN MEDICAL ALUMNI ASSN.
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   (TRUST PRINCIPAL)
   MSN HS-MED
   (TRUST ) 1,500.00

15. JEFFREY SCOTT NEWMAN SCHOLARSHIP FUND
    (TRUST PRINCIPAL)
    MSN G SERV FELLOWS & SCHOLS
    (TRUST )
    100.00 MRS. J. S. NEWMAN
    SHAKER HEIGHTS, OH
    500.00 ROBERT W. NEWMAN
    STAMFORD, CT. 06907
    600.00

16. WISCONSIN MEDICAL ALUMNI ASSN.
    MADISON, WI
    MEDICAL SCHOOL SCHOLARSHIP FUND
    (TRUST PRINCIPAL)
    MSN HS-MED
    (TRUST ) 4,474.00

17. WISCONSIN MEDICAL ALUMNI ASSN.
    MADISON, WI
    OTTO MORTENSEN SCHOLARSHIP TRUST FUND
    (TRUST PRINCIPAL)
    MSN HS-MED
    (TRUST ) 570.00

18. WISCONSIN MEDICAL ALUMNI ASSN.
    MADISON, WI
    DR. RICHARD WASSERBURGER MEMORIAL FUND
    (TRUST PRINCIPAL)
    MSN HS-MED
    (TRUST ) 1,299.55

19. MARY EDITH THOMSON
    WASHINGTON, DC
    SOPHIA AND WILLIAM THOMSON MEMORIAL LOAN FUND
    (TRUST PRINCIPAL)
    MSN G SERV FELLOWS & SCHOLS
    (TRUST ) 400.00

20. EDUCATION, DEPT OF
    WASHINGTON, DC
    COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
    FOR THE PERIOD 07-01-82 THROUGH 06-30-83
    AT A TOTAL COST OF $1,886,537.00
    AWARD # PO08314553, MOD. 1
    MSN AC SVC STU FINAN AIDS STU F AIDS (145-0183) 943,269.00
STUDENT AID

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

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (INITIAL GRANTS)
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AT A TOTAL COST OF $966,361.00
AWARD # PO08334553, MOD. 1
MSN G SERV FELLOWS & SCHOLS (146-0015) 588,327.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (CONTINUING GRANTS)
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AT A TOTAL COST OF $1,445,655.00
AWARD # PO08334553, MOD. 1
MSN G SERV FELLOWS & SCHOLS (146-0016) 880,125.00

22. EDUCATION, DEPT OF
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO08324583
MSN S LOAN STU LOANS NDSL (LOANS) 1,253,366.00

23. RIDLEY (JESSIE) FOUNDATION
NEW YORK, NY
UNDERGRADUATE SCHOLARSHIP FOR THE HANDICAPPED
MSN G SERV FELLOWS & SCHOLS (133-B333) 8,616.00

24. ANONYMOUS DONORS
LYMAN COPELAND DRAPER FELLOWSHIP
MSN GRAD (133-B344) 1,000.00

25. MULTIPLE DONORS
DEAN'S DISCRETIONARY STUDENT FUND
MSN HS-PHR PHARMACY (133-B435) 410.00

26. WISCONSIN FARM EQUIPMENT FOUNDATION, INC.
MADISON, WI
ORRIN BERGE SCHOLARSHIP FUND
MSN AG&LSC ADM-RESID INSTR (133-B630) 500.00

27. BAKER (ROBERT EARL) ESTATE
PITTSBURGH, PA
VIOLA JURGERSON BAKER MEMORIAL FUND
MSN FR&CS, FAM RSC&R CNSM SC (133-B967) 2,287.24

28. WISCONSIN REALTORS ASSOCIATION
MADISON, WI
SCHOLARSHIP PROGRAM IN THE SCHOOL OF BUSINESS
REAL ESTATE DEPARTMENT
MSN BUS SCH OF BUSINESS (133-D424) 500.00

29. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MARGARET KOHLI SCHOLARSHIP
MSN HS-A H ADMINISTRATION (133-F024) 400.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

30. ARCO EXPLORATION COMPANY
   DALLAS, TX
   DOCTORAL FELLOWSHIP SUPPORT
   MSN L&S GGD & GEOPHYSICS (133-F581) 25,000.00

31. WELDER (ROB & BESSIE) WILDLIFE FOUNDATION
   SINTON, TX
   PRODUCTION AND SURVIVAL OF WILD TURKEY POULTS ON
   WELDER WILDLIFE REFUGE
   MSN AG&LSC NAT RESOURCES WILIFE ECOL (133-F622) 12,000.00

32. DICK WEIGLE MEMORIAL SCHOLARSHIP FUND
   MSN AG&LSC ADM-RESID INSTR (133-F643)
   170.00 MULTIPLE DONORS
   1,000.00 WEIGLE (DOROTHY J)
   MADISON, WI
   1,170.00

33. GIBCO DIVISION
   DEXTER CORPORATION
   CHAGRIN FALLS, OH
   PRE-DOCTORAL FELLOWSHIP IN GENETICS
   MSN HS-MED GENETICS (133-F921) 15,000.00

34. AMERICAN FAMILY MUTUAL INSURANCE COMPANY
   MADISON, WI
   AMERICAN FAMILY SCHOLARSHIP IN THE SCHOOL OF
   BUSINESS
   MSN BUS SCH OF BUSINESS (133-0979) 2,000.00

35. WISCONSIN RURAL REHABILITATION CORPORATION
   MADISON, WI
   THIRTY SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT
   TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY
   FARMS WHO HAVE FINANCIAL NEED AND ENTERING OR
   CONTINUING STUDY LEADING TO A DEGREE IN THE
   COLLEGE OF AG & LSC
   MSN AG&LSC ADM-RESID INSTR (133-2073) 12,600.00

36. READER'S DIGEST FOUNDATION
   PLEASANTVILLE, NY
   SCHOLARSHIP AID
   MSN HS-JOURN & MASS COM (133-2085) 1,500.00

37. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
   REPRESENTING A TRANSFER OF FUNDS FROM
   CUMMINS ENGINE FOUNDATION
   MECHANICAL ENGINEERING FELLOWSHIP
   MSN ENGR MECHANICAL ENGR (133-3204) 5,000.00

38. GRANT (HARRY J.) FOUNDATION
   MILWAUKEE, WI
   SCHOLARSHIP AID
   MSN L&S JOURN & MASS COM (133-4740) 8,400.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

39. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   BRADFORD B. RICHMOND SCHOLARSHIP FUND
   MSN AG&LSC ADM-RESID INSTR (133-6644) 3,250.00

40. MULTIPLE DONORS
   OUT-OF-STATE TUITION SCHOLARSHIPS TO BE
   ADMINISTERED BY STUDENT FINANCIAL AIDS COMMITTEE
   MSN G SERV FELLOWS & SCHOLS (133-7255) 750.00

41. NICKERSON (FRANK AND ESTHER RHEA)
    MEMORIAL SCHOLARSHIP TRUST
    MADISON, WI
    FRANK AND ESTHER RHEA NICKERSON MEMORIAL
    SCHOLARSHIP
    MSN G SERV FELLOWS & SCHOLS (133-8354) 2,228.09

42. MULTIPLE DONORS
    UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH
    SCHOOL SCHOLARSHIP PROGRAM
    MSN BUS SCH OF BUSINESS (133-8377) 50.00

43. STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS
    UNRESTRICTED FUND
    MSN AC SVC STU FINAN AIDS STU F AIDS (133-8892)
    1,000.00 GENERAL MOTORS FOOTBALL GAME-OF-THE-WEEK
    DETROIT, MI
    350.00 MULTIPLE DONORS
    1,350.00

44. WISCONSIN RURAL REHABILITATION CORPORATION
    MADISON, WI
    TEN SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT
    TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY
    FARMS WHO HAVE FINANCIAL NEED AND WHO ARE
    ENTERING OR CONTINUING STUDY IN THE SCHOOL OF
    NURSING
    MSN HS-NUR (133-8956) 3,150.00

45. MULTIPLE DONORS
    HENRY M. CASTELLO, M.D. MEMORIAL AWARD
    MSN HS-MED ADMINISTRATION DEANS OFFC (133-9147) 200.00

46. ANONYMOUS DONOR
    M.E.O. FUND FOR FELLOWSHIP SUPPORT OF A GRADUATE
    STUDENT FROM ASIA OR AFRICA WORKING TOWARD A PH.D.
    AT THE GRADUATE SCHOOL IN MADISON IN THE FIELDS OF
    HISTORY, POLITICAL SCIENCE, EDUCATION, SOCIOLOGY,
    ECONOMICS OR AGRICULTURAL ECONOMICS
    MSN GRAD (133-9569) 4,000.00

47. WISCONSIN RURAL REHABILITATION CORPORATION
    MADISON, WI
    UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS
    FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL
    NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT
    THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF
    FAMILY RESOURCES AND CONSUMER SCIENCES
    MSN FR&CS FAM RSRC&CNSM SC (133-9594) 1,250.00
UNIVERSITY OF WISCONSIN - MADISON

UNRESTRICTED

1. MADISON CAMPUS CHANCELLORS SPECIAL FUND
   (TRUST PRINCIPAL)
   MSN GE A
   (TRUST)
   
   60.00  FIDELITY & DEPOSIT COMPANY OF MARYLAND
   BALTIMORE, MD
   MATCHING A GIFT OF STANLEY T. WEBB (01-07-83)
   6,469.00  FIRST NATIONAL BANK & TRUST CO. OF
   OKLAHOMA CITY -- YEAR END DISTRIBUTION
   OF INCOME FROM THE EARL L. KRONCKE TRUST
   2,500.00  ROCKEFELLER FOUNDATION
   NEW YORK, NY
   9,029.00

2. ROCKEFELLER FOUNDATION
   NEW YORK, NY
   INTERNATIONAL STUDIES AND PROGRAMS UNRESTRICTED
   GRANT
   MSN GE A INTL STU & PROGS
   (133-B191)
   7,500.00

TOTAL MADISON
   16,236,128.30

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. RICHARD B. FLAGG
MILWAUKEE, WI
GIFT OF CATALOGUES FOR ART HISTORY GALLERY
EXHIBITION "THE GIFT OF REVEREND JOSEPHUS
FARMER".
AWARD # NONE
MIL L&S ART HISTORY

INSTRUCTION

1. FAYE MCBEATH
MILWAUKEE, WI
DEVELOPING SUPPORT GROUPS FOR FAMILY CARE GIVERS
OF THE ELDERLY
FOR THE PERIOD 01/01/81 THROUGH 06/30/83
MIL URBN O CTR-ADULT DEVEL (133-D740) 17,400.00

2. VARIOUS
MILWAUKEE, WI
FOR VISUAL COMMUNICATIONS AREA OF THE DEPARTMENT
OF ART
MIL F ARTS ART (133-E592) 6,168.49

3. NATIONAL LIBRARY OF MALAYSIA
FALL TRAINING IN LIBRARY AND INFORMATION SCIENCE
FOR THE PERIOD 09/07/82 THROUGH 12/23/82
MIL L&S SC SCH-LIB&INF SCI (133-F433) 3,388.00

4. SIRKKA E. TOWNSEND
MILWAUKEE, WI
A PILOT PROJECT TO PROVIDE MUSICAL TRAINING AND
ENRICHMENT FOR CHILDREN WITH SPECIAL NEEDS,
MIL F ARTS MUSIC (133-F443) 1,000.00

5. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION
MILWAUKEE, WI
SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOPMENT
AND RELATED ACTIVITY
FOR THE PERIOD 12/11/84 THROUGH 12/31/99
MIL L&S ECONOMIC EDUC ECON EDUC (133-4849) 1,000.00

LIBRARIES

1. FOR USE IN UWM LIBRARY DEVELOPMENT FUND IN
PURCHASING MATERIALS
MIL LIBR LIBRARY (133-8383)
100.00 RICHARD FOREGGER
MILWAUKEE, WI
150.00 DR. H. E. MARTIN
FAYETTEVILLE, AZ
5.00 FRANK J. OR DOROTHY HOTZE
BALLWIN, MO
255.00
### UNIVERSITY OF WISCONSIN - MILWAUKEE

#### MISCELLANEOUS

1. **WISCONSIN STATE VETERANS ADMINISTRATION**  
   **DEPARTMENT**  
   **MILWAUKEE, WI**  
   **PRIME CONTRACTOR WITH VA**  
   **INCIDENTAL INSTRUCTIONAL EXPENSES FOR DISABLED VETERANS**  
   **FOR THE PERIOD 04-01-76 THROUGH 09-05-83**  
   **MIL STU AF FINANCIAL AID**  
   **(144-H499)**  
   **84.45**

2. **VARIOUS GOVERNMENTAL AGENCIES**  
   **MILWAUKEE, WI**  
   **MILWAUKEE HUMANITIES PROGRAM PUBLICATION RECEIPTS**  
   **AWARD # N.A.**  
   **MIL VHS HUMANITIES HUMANIT**  
   **(144-P108)**  
   **127.90**

3. **UWM FOUNDATION (FM90-FRIENDS)**  
   **MILWAUKEE, WI**  
   **CHAIRMAN'S DISCRETIONARY ACCOUNT**  
   **MIL L&S MASS COMMUNICATN WUWM-ADM G**  
   **(133-C622)**  
   **29,313.46**

4. **NEXT BEST THING**  
   **SPORTS AND SOCIAL CLUB**  
   **MILWAUKEE, WI**  
   **WOMEN'S BASKETBALL - DISCRETIONARY ACCOUNT**  
   **MIL STU AF INTRCL ATH-WOMEN BASKETBALL**  
   **(133-E590)**  
   **585.00**

5. **STUDENT ASSISTANCE, HOLOCAUST RESEARCH PROJECT**  
   **MIL L&S COMPARATIVE LIT COMP LIT**  
   **(133-F437)**  
   **25.00**  
   **ESTHER SARFATTY**  
   **SHOREWOOD, WI**  
   **1,000.00**  
   **CONCERNED JEWISH CITIZENS**  
   **MILTON M. KLEINBERG (PRESIDENT)**  
   **MILWAUKEE, WI**  
   **25.00**  
   **BETTY SLAVICK**  
   **GLENDALE, WI**  
   **25.00**  
   **MAX S. GOLDBERG**  
   **MILWAUKEE, WI**  
   **25.00**  
   **ANNE K. DONOVAN**  
   **MILWAUKEE, WI**  
   **50.00**  
   **DR. FRED J. ANSFIELD**  
   **MEQUON, WI**  
   **100.00**  
   **ESTHER K. ANSFIELD**  
   **MILWAUKEE, WI**  
   **25.00**  
   **CIPROAH ZEITLIN**  
   **MILWAUKEE, WI**  
   **50.00**  
   **DR. IRVING J. ANSFIELD**  
   **MEQUON, WI**  
   **1,325.00**

6. **SPEAR ARTS EDUCATION TRUST**  
   **DALLAS, TEXAS**  
   **TUITION SCHOLARSHIP FOR ART DEPARTMENT**  
   **MIL F ARTS ART**  
   **(133-8495)**  
   **600.00**
RESEARCH

1. WISCONSIN DEPARTMENT OF ADMINISTRATION
   COASTAL MANAGEMENT PROGRAM
   MADISON, WI
   PRIME CONTRACTOR WITH COMM
   KEWAUNEE BEACH NOURISHMENT PROJECT (PART II)
   FOR THE PERIOD 09-01-82 THROUGH 06-30-84
   AWARD # P.O. ADC-00994
   MIL GRAD GT LKS ST, CTR F GT LKS STU (144-S806) 66,811.00

2. MILWAUKEE PUBLIC SCHOOLS
   MILWAUKEE, WI
   PRIME CONTRACTOR WITH DED
   AN EXAMINATION OF THE STATUS OF MINORITY STUDENTS
   ENROLLED IN PUBLIC SCHOOL EXCEPTIONAL EDUCATION
   PROGRAMS IN WISCONSIN URBAN SCHOOL DISTRICTS
   (PHASE II)
   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AWARD # 83-3619-17
   MIL EDUC EXCEPTIONAL EDUC UNCL & GEN (144-S802) 84,114.00

3. MEDICAL COLLEGE OF WISCONSIN
   MILWAUKEE, WIS
   PRIME CONTRACTOR WITH DHHS
   LONG TERM CARE GERONTOLOGY CENTER
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 30864-M
   MIL AC AFF GENERAL (144-R972) 68,882.00

4. WAUKESHA COUNTY DEPARTMENT OF HEALTH
   WAUKESHA, WI
   PRIME CONTRACTOR WITH DHHS OHDS
   MATERNAL-CHILD BLOCK GRANT: ADOLESCENT PARENT
   PROJECT
   FOR THE PERIOD 01-01-83 THROUGH 09-30-83
   MIL NURS NURSING (144-S833) 5,000.00

5. WAUKESHA COUNTY DEPARTMENT OF HEALTH
   WAUKESHA, WI
   PRIME CONTRACTOR WITH DHHS OHDS
   MATERNAL AND CHILD HEALTH BLOCK GRANT: EVALUATION
   OF MATERNAL AND CHILD HEALTH SERVICES
   FOR THE PERIOD 01-01-83 THROUGH 09-30-83
   MIL NURS NURSING (144-S834) 8,000.00

6. WAUKESHA COUNTY DEPARTMENT OF HEALTH
   WAUKESHA, WI
   PRIME CONTRACTOR WITH DHHS OHDS
   PREVENTION BLOCK GRANT: GERIATRIC HEALTH PROJECT
   FOR THE PERIOD 01-01-83 THROUGH 09-30-83
   MIL NURS NURSING (144-S835) 17,000.00

7. NATIONAL ENDOWMENT FOR THE ARTS
   WASHINGTON, D.C.
   A COMPARISON OF THE APPLICATION TO ARCHITECTURE
   OF THE ECOLOGICAL AND GESTALT APPROACHES TO
   VISUAL PERCEPTION
   FOR THE PERIOD 01-01-83 THROUGH 12-31-83
   AWARD # 32-4252-00060
   MIL ARC&UP ARCHITECTURE (144-S791) 13,592.00
RESEARCH

8. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) RELATIONSHIPS BETWEEN SURFACE CHEMISTRY AND CATALYSIS: MOLYBDENA - ALUMINA AND RELATED SYSTEMS
FOR THE PERIOD 01-01-81 THROUGH 06-30-84
AWARD # CHE-8019309-02
MIL L&S CHEMISTRY (144-0565) 104,000.00

2) STUDIES OF ZEOLITE CATALYSTS FOR CONTROL OF EMISSIONS: REDOX REACTION AND HYDROCARBON OXIDATION
FOR THE PERIOD 12-01-82 THROUGH 05-31-85
AWARD # CPE-8207077
MIL L&S CHEMISTRY (144-5774) 88,336.00

3) COLLABORATIVE RESEARCH ON LANDSCAPE DYNAMICS AND PLANT SPECIES SURVIVAL (ENVIRONMENTAL BIOLOGY)
FOR THE PERIOD 02-01-83 THROUGH 07-31-85
AWARD # DEB-8214792
MIL L&S BOTANY (144-5816) 58,767.00

4) INVESTIGATION OF SYNOPTIC-SCALE AND MESOSCALE INTERACTIONS DURING EAST COAST CYCLOGENESIS
FOR THE PERIOD 01-01-83 THROUGH 06-30-84
AWARD # ATM-8213018
MIL L&S GEOL&GEOPH SCI'S ATM SC-GEN (144-5830) 45,600.00

9. ELECTRIC POWER RESEARCH INSTITUTE
PALO ALTO, CA
NEW SPECIFIC CHLORINE SPECIES ANALYTICAL INSTRUMENTATION DEVELOPMENT
FOR THE PERIOD 10/01/78 THROUGH 12/31/83
AWARD # RP1435-1 AMEND #4
MIL L&S CHEMISTRY (133-B818) 32,939.00

10. NATIONAL FOUNDATION FOR CANCER RESEARCH
BETHESDA, MD
NOVEL APPROACHES IN CANCER RESEARCH
FOR THE PERIOD 10/01/80 THROUGH 09/30/83
MIL L&S CHEMISTRY (133-D727) 52,438.00

11. J.I. CASE
RACINE, WI
STUDY OF MICROPROCESSOR CONTROLS FOR TRACTORS (DOCTORAL INTERNSHIP PROGRAM)
FOR THE PERIOD 01/01/81 THROUGH 12/31/83
AWARD # P.O. CXO42594
MIL ENG&AS MECHANICAL ENGR (133-D732) 15,000.00

12. REXNORD
MILWAUKEE, WI
UV/IR DETECTION MECHANISMS
FOR THE PERIOD 11/01/81 THROUGH 12/31/83
MIL L&S PHYSICS (133-E586) 20,000.00
UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

13. MILWAUKEE COUNTY FEDERATED LIBRARY SYSTEM
MILWAUKEE, WI
COORDINATING THE ORGANIZATION OF LIBRARY SERVICES
IN METROPOLITAN MILWAUKEE
FOR THE PERIOD 09/01/82 THROUGH 03/31/83
MIL ARCSUP URBAN PLANNING
(133-F432) 1,800.00

14. JOINT COUNCIL ON ECONOMIC EDUCATION
NEW YORK, NY
INVESTIGATING THE ECONOMIC IMAGINATION OF YOUNG
CHILDREN
FOR THE PERIOD 01/01/83 THROUGH 11/15/83
MIL EDUC CURRIC & INSTR UNCL & GEN
(133-F441) 1,000.00

15. DR. GERALD BERGTROM
MILWAUKEE, WI
STUDENT HELP FOR ZOOLOGY DEPARTMENT
MIL L&S ZOOLOGY
(133-F442) 100.00

16. NATIONAL ASSOCIATION OF COLLEGE ADMISSIONS
COUNSELORS
SKOKIE, IL
A MODEL FOR IMPROVING THE PREPARATION OF HIGH
SCHOOL STUDENTS
MIL STU AF OFF OF REGISTRAR
(133-F444) 1,000.00

17. SPANCRETE MANUFACTURERS ASSOCIATION
MILWAUKEE, WI
STRUCTURAL ENGINEERING RESEARCH
FOR THE PERIOD 12/01/82 THROUGH 07/31/83
MIL ENGA&AS CIVIL ENGINEER'G
(133-8596) 5,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, D.C.
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # P008302948
MIL STU AF FINANCIAL AID FEL& SCHOL
(148-B083) 1,060,070.00

2. VARIOUS
SCHOLARSHIPS FOR THE MUSIC DEPARTMENT
MIL F ARTS MUSIC
(133-E566) 1,772.00

3. VARIOUS (SPEAR ARTS EDUCATION TRUST)
DALLAS, TX
SCHOLARSHIPS FOR PROFESSIONAL THEATRE
TRAINING PROGRAM.
MIL F ARTS THEATRE & DANCE
(133-E605) 600.00

4. GRANT (HARRY J) FOUNDATION
C/O DONALD B. ABERT
MILWAUKEE, WI
HARRY J. GRANT SCHOLARSHIP FUND
FOR THE PERIOD 06/01/69 THROUGH 12/22/99
MIL L&S MASS COMMUNICATN
(133-6890) 4,200.00

TOTAL MILWAUKEE 1,804,931.32

INSTRUCTION 16,619.51
LIBRARIES 255.00
MISCELLANEOUS 32,035.81
RESEARCH 689,379.00
STUDENT AID 1,066,642.00
EXTENSION AND PUBLIC SERVICE

1. OWEN AYRES & ASSOCIATES
   EAU CLAIRE, WI
   ARCHEOLOGICAL SURVEY IN CHIPPEWA COUNTY FOR A
   PERIOD STARTING 11-09-82
   EAU ART&SC SOCIOLOGY (133-3011) 476.00

INSTRUCTION

1. EAU CLAIRE COMMUNITY CANCER ASSOCIATION
   EAU CLAIRE, WI
   BIOLOGY OF CANCER FOR THE PERIOD 01-01-83
   THROUGH 12-31-83
   EAU ART&SC BIOLOGY (133-3048) 1,500.00

RESEARCH

1. QUAKER OATS FOUNDATION
   BARRINGTON, IL
   INVESTIGATION OF THE HYALINE LAYER AND
   CARYOPSIS OF CORN (ZEA MAIZE) FOR THE PERIOD
   10-01-82 THROUGH 09-30-84
   AWARD # B5054
   EAU ART&SC BIOLOGY (133-3020) 5,000.00

2. AMERICAN CHEMICAL SOCIETY
   WASHINGTON, DC
   ACS - PRF SUMMER RESEARCH FELLOWSHIP FOR THE
   PERIOD 06-06-83 THROUGH 08-12-83
   AWARD # 14130-B3-SUPP
   EAU ART&SC CHEMISTRY (133-3024) 2,000.00

3. EAU CLAIRE COMMUNITY CANCER SOCIETY
   EAU CLAIRE, WI
   STUDY OF BLOOD CELLS OF FRESHWATER CLAMS TO
   RECOGNIZE AND NEUTRALIZE FOREIGN ORGANISMS
   IN VITRO FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # CK 185
   EAU ART&SC BIOLOGY (133-3036) 3,368.00

4. EAU CLAIRE COUNTY CHAPTER - AMERICAN
   CANCER SOCIETY
   EAU CLAIRE, WI
   DEVELOPMENT OF CHEMICAL STRUCTURES FOR
   POTENTIAL ANTICANCER ACTIVITY EVALUATION
   FOR THE PERIOD 12-01-82 THROUGH 11-30-83
   AWARD # CK 187
   EAU ART&SC CHEMISTRY (133-3037) 5,050.00

5. EAU CLAIRE COMMUNITY CANCER ASSOCIATION
   EAU CLAIRE, WI
   SKIN CANCER PREVENTION PROGRAM FOR THE PERIOD
   01-01-83 THROUGH 12-30-83
   AWARD # CK 186
   EAU NURSG NURSING (133-3044) 2,414.00
UNIVERSITY OF WISCONSIN - EAU CLAIRE

STUDENT AID

1. WISCONSIN RURAL REHABILITATION
   MADISON, WI
   NINE NURSING SCHOLARSHIPS FOR THE PERIOD
   08-15-82 THROUGH 12-21-82
   EAU NURSG DEAN OF NURSING (133-3045) 2,961.00

2. WISCONSIN RURAL REHABILITATION
   MADISON, WI
   FIVE ALLIED HEALTH SCHOLARSHIPS FOR THE PERIOD
   08-15-82 THROUGH 12-21-82
   EAU ART&SC ALLIED HEALTH (133-3046) 1,500.00

   TOTAL EAU CLAIRE 24,269.00

   EXTENSION AND PUBLIC SERVICE 476.00
   INSTRUCTION 1,500.00
   RESEARCH 17,832.00
   STUDENT AID 4,461.00

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RESEARCH

1. BROWN COUNTY SOLID WASTE MANAGEMENT BOARD
   GREEN BAY, WI
   OPERATIONAL WATER QUALITY MONITORING AT BROWN
   COUNTY'S SANITARY LANDFILLS
   GBY ENV SC SCI & ENVIR CHG
   (139-B833) 8,460.00

2. WISCONSIN PUBLIC SERVICE CORPORATION
   GREEN BAY, WI
   GREAT DECISIONS: ISSUES AND OPTIONS IN
   INTERNATIONAL AFFAIRS
   GBY CR COM HUMANISTIC STU
   (139-F868) 1,500.00

3. EDDIE BAUER
   REDMOND, WA
   STUDY OF COLD WEATHER PHYSIOLOGY AND EVALUATION OF
   PROTECTIVE GARMENTS
   GBY H BIOL HUMAN BIOLOGY
   (139-7809) 1,051.00

STUDENT AID

1. THE ROSENBERG FOUNDATION
   GREEN BAY, WI
   BEN J. ROSENBERG STUDENT LOAN FUND (LOAN)
   GBY STU SV FINANCIAL AIDS
   (LOANS) 1,000.00

2. EDUCATION, DEPT OF
   WASHINGTON, DC
   COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AT A TOTAL COST OF $343,888.00
   AWARD # PO08314553, MOD. 1
   GBY STU SV FINANCIAL AIDS
   (145-5183) 171,944.00

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

   1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM
      (INITIAL GRANTS)
      FOR THE PERIOD 07-01-82 THROUGH 06-30-83
      AT A TOTAL COST OF $170,991.00
      AWARD # PO08334553, MOD. 1
      GB ST AID FEL & SCHOL-AOG
      (146-5015) 104,100.00

   2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM
      (CONTINUING GRANTS)
      FOR THE PERIOD 07-01-82 THROUGH 06-30-83
      AT A TOTAL COST OF $217,626.00
      AWARD # PO08344553, MOD. 1
      GB ST AID FEL & SCHOL-AOG
      (146-5016) 132,492.00

4. EDUCATION, DEPT OF
   WASHINGTON, DC
   NATIONAL DIRECT STUDENT LOAN PROGRAM
   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AWARD # PO08324583
   GB ST AID STUDENT LOAN FD
   (LOANS) 103,254.00
5. MULTIPLE DONORS

SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

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**TOTAL GREEN BAY** 524,001.00

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MISCELLANEOUS

1. OLD KENT BANK & TRUST CO., GRAND RAPIDS, MI
   BEQUEST OF FLORENCE SLUYTER TO ESTABLISH THIS
   ACCOUNT FOR GENERAL PURPOSES AT THE CAMPUS.
   THE CHANCELLOR MAY, AT HIS DISCRETION, MODIFY
   THE TERMS OF THIS ACCOUNT IN THE FUTURE.
   LA CROSSE, UW SPECIAL TRUST FUND
   (TRUST PRINCIPAL)
   LAC EX DIV CHANCELLORS OFF
   (TRUST) 1,000.00

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UNIVERSITY OF WISCONSIN - OSHKOSH

GIFT-IN-KIND

1. WEST ALLIS MEMORIAL HOSPITAL
   WEST ALLIS, WI
   1 BECKMAN RECORDER
   OSH

2. THEDA CLARK MEMORIAL HOSPITAL
   NEENAH, WI
   1 FISHER GAS CHROMATOGRAPH
   OSH

3. MERCY MEDICAL CENTER
   OSHKOSH, WI
   CORNING BLOOD GAS ANALYZER, AUTOANALYZER II
   SYSTEM, BLOOD UREA NITROGEN ANALYZER, GLUCOSE
   ANALYZER, TECHNICON FLUROMETER AND QUICKSCAN
   DENSITOMETER (ONE OF EACH)
   OSH

TOTAL OSHKOSH -------------- .00
UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. LARRY GOODMAN (ABBE INSURANCE)
   RACINE, WI
   ONE MODEL TV 1-920B TELEVVIDEO TERMINAL MONITOR;
   ONE NOVATION (CAT) MODEM
   GIFT-IN-KIND
   PKS SC&SOC SCIENCE ADMIN

2. EVANS & SUTHERLAND
   SALT LAKE CITY, UT
   ONE PS300 COMPUTER GRAPHICS SYSTEM
   GIFT-IN-KIND
   PKS SC&SOC SCIENCE CHEMISTRY

3. YOUNGREN ANTENNA SERVICE
   RACINE, WI
   TV TOWER, ANTENNA, AND PRE-AMP SYSTEM
   GIFT-IN-KIND
   PKS

MISCELLANEOUS

1. KENOSHA COUNTY DEPARTMENT OF SOCIAL SERVICES
   KENOSHA, WI
   PRIME CONTRACTOR WITH DHHS
   RESOURCE CENTER GRANT
   FOR THE PERIOD 10-21-82 THROUGH 12-31-82
   AT A TOTAL COST OF $10,865.00
   AWARD # AGR DTD 10-21-82
   PKS SL&C S STU GRP SUPPORT CHILD CARE (144-5701) 4,000.00

2. KENOSHA COUNTY DEPT OF SOCIAL SERVICES
   KENOSHA, WI
   PRIME CONTRACTOR WITH DHHS PHS NIH
   INFANT/TODDLER PROJECT
   FOR THE PERIOD 12-17-82 THROUGH 12-31-82
   AWARD # AGR DTD 12-30-82
   PKS SL&C S STU GRP SUPPORT CHILD CARE (144-5765) 3,000.00

STUDENT AID

1. FIRST NATIONAL BANK OF KENOSHA
   KENOSHA, WI
   PARKSIDE GENERAL SCHOLARSHIP FUND (TRUST INCOME)
   PKS BUS SV FELLOWS & SCHOLS (TRUST ) 88.58

2. MULTIPLE DONORS
   SCHOLARSHIP FUND FOR STUDENTS MAJORING IN
   LABOR AND INDUSTRIAL RELATIONS
   PKS MOD IN BUS & ADMIN SCI LAB&IND R (133-6604) 500.00

3. LILLIAN JAMES SCHOLARSHIP -ANNUAL SCHOLARSHIP TO
   BE AWARDED TO AN OUTSTANDING MUSIC MAJOR
   PKS BUS SV FELLOWS & SCHOLS (133-8803)
   205.00 MULTIPLE DONORS
   1,000.00 JAMES (LILLIAN J) ESTATE

   TOTAL PARKSIDE 8,793.58

MISCELLANEOUS 7,000.00
STUDENT AID 1,793.58
GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 11, 1984

UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION, INC  
   MILWAUKEE, WI  
   FUNDING FOR CENTER FOR ECONOMIC EDUCATION FOR  
   THE PERIOD 01-01-83 THROUGH 12-31-83  
   AWARD # CK 3603291  
   PLT B.ISC DN-BUS, IND&COM (133-0203) 500.00

GIFT-IN-KIND

1. JOHN DEERE HORICON WORKS  
   HORICON, WI  
   SIX SNOWMOBILE TYPE ENGINES FOR USE IN THE  
   POWER LABORATORY OF THE INDUSTRIAL STUDIES  
   PROGRAM
   PLT

STUDENT AID

1. WISCONSIN RURAL REHABILITATION CORP.  
   MADISON, WI  
   ANNUAL SCHOLARSHIPS FOR NEEDY WISCONSIN  
   FARM STUDENTS FOR THE PERIOD 01-83 THROUGH  
   05-83  
   AWARD # CK 883  
   PLT AGRIC DEAN OF AGRIC (133-0202) 9,234.00
   TOTAL PLATTEVILLE 9,734.00

EXTENSION AND PUBLIC SERVICE 500.00
STUDENT AID 9,234.00

 ornaments
UNIVERSITY OF WISCONSIN - RIVER FALLS

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IMPLEMENT A COOPERATIVE EDUCATION PROGRAM
FOR THE PERIOD 09-01-82 THROUGH 08-31-83
AWARD # GO08202529
RVF AGRIC COOP EDUC PROG (144-0689) 72,300.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO08314558
RVF ST AST WORK-STUDY STU SVCS (145-0779) 341,895.00

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

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT
PROGRAM - INITIAL
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO08334558
RVF ST AST SUPPL ED OPP GTS (146-0785) 84,991.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT
PROGRAM - CONTINUING
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO08334558
RVF ST AST SUPPL ED OPP GTS (146-0786) 155,818.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO083224558
RVF ST AST NATL DIR STU LNS (LOANS) 64,261.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-82 THROUGH 06-30-83
AWARD # PO08302958
RVF ST AST PELL GRANT PROG (148-0790) 1,314,267.00

TOTAL RIVER FALLS 2,033,532.00

INSTRUCTION 72,300.00
STUDENT AID 1,961,232.00

---
UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
TITLE III INSTITUTIONAL AID PROGRAM ENTITLED
"COMPUTER LITERACY FOR THE EIGHTY'S"
FOR THE PERIOD 10-01-82 THROUGH 09-30-83
AWARD # GO08202928
STP AC AFF DEAN OF GRAD SCH (144-1005) 163,940.00

RESEARCH

1. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
IDENTIFICATION OF BLOATER (COREGONUS HOYI)
STOCKS IN LAKE MICHIGAN
FOR THE PERIOD 09-23-82 THROUGH 10-01-85
AWARD # 14-16-0009-1519 W01
STP CONR COOP FISH UNIT (144-4628) 19,605.00

2. TENNESSEE VALLEY AUTHORITY
GOLDEN POND, KENTUCKY
COOPERATIVE AGREEMENT WITH THE TVA FOR
STUDENT INTERNS
FOR THE PERIOD 05-31-82 THROUGH 12-17-82
AWARD # TV59743A TV60070A
STP CONR NATURAL RESOURCES NAT RESRCS (144-0911) 1,755.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
INDIAN FELLOWSHIP UNDATED GRADUATE PROGRAM
FOR THE PERIOD 08-15-82 THROUGH 08-14-83
AWARD # GO08202165
STP STU AF FINANCIAL AIDS MISC G&GTS (144-2204) 6,843.00

TOTAL STEVENS POINT 192,143.00

INSTRUCTION 163,940.00
RESEARCH 21,360.00
STUDENT AID 6,843.00
UNIVERSITY OF WISCONSIN - WHITewater

GIFT-IN-KIND

1. Mrs. Joyce Hlavacek
   Whitewater, WI
   "SOLAR IMAGE II" COLLAGE

INSTRUCTION

1. S & H Foundation
   New Brunswick, NJ
   A ONE-TIME LECTURE SERIES "THE FUTURE OF SOCIAL
   WELFARE TRANSFERS
   AWARD # AGR DTD 04-27-82
   WTW BUS&EC ECONOMICS (133-0141) 700.00
   TOTAL WHITewater 700.00
   INSTRUCTION 700.00
UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. ZIMPRO, INCORPORATED
   ROTHCHILD, WI
   COMPUTER SYSTEM
   GIFT-IN-KIND
   CNS MARATH

MISCELLANEOUS

1. AFFILIATED STATE ARTS AGENCIES OF THE UPPER MIDWEST
   MINNEAPOLIS, MN
   PRIME CONTRACTOR WITH NEA
   VARIOUS
   FOR THE PERIOD 02-09-83 THROUGH 03-09-83
   AWARD # 62 & B2
   CNS MARATH STUDENT AFFAIRS LECT & F A (144-S760) 415.00

2. MULTIPLE DONORS
   UW-MARATHON COUNTY CAMPUS UNRESTRICTED GRANT
   CNS MARATH ADMINISTRATION (133-A575) 75.00

STUDENT AID

1. EDUCATION, DEPT OF
   WASHINGTON, DC
   COLLEGE WORK STUDY PROGRAM (FEDERAL SHARE)
   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AT A TOTAL COST OF $191,318.00
   AWARD # P008314553, MOD. 1
   CNS (145-7183) 95,659.00

2. EDUCATION, DEPT OF
   WASHINGTON, DC
   IN SUPPORT OF THE FOLLOWING:
   1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
      PROGRAM (INITIAL GRANTS)
      FOR THE PERIOD 07-01-82 THROUGH 06-30-83
      AT A TOTAL COST OF $158,038.00
      AWARD # P008334553, MOD. 1
      CNS (146-7015) 96,215.00

   2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
      PROGRAM (CONTINUING GRANTS)
      FOR THE PERIOD 07-01-82 THROUGH 06-30-83
      AT A TOTAL COST OF $63,906.00
      AWARD # P008344553, MOD. 1
      CNS (146-7016) 38,906.00

3. EDUCATION, DEPT OF
   WASHINGTON, DC
   NATIONAL DIRECT STUDENT LOAN PROGRAM
   FOR THE PERIOD 07-01-82 THROUGH 06-30-83
   AWARD # P008322483
   CNS (LOANS) 77,439.00
UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

4. WISCONSIN RURAL REHABILITATION CORPORATION
   MADISON, WI
   NURSING SCHOLARSHIPS AT THE UW-MARSHFIELD
   CENTER FOR HEALTH SCIENCES
   CNS MARSH STUDENT AFFAIRS FELL & SCH (133-E659) 2,250.00

   TOTAL CENTER SYSTEM 310,959.00

   MISCELLANEOUS 490.00
   STUDENT AID 310,469.00
UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS
   JEAN C. EVANS MEMORIAL LECTURE
   (TRUST PRINCIPAL)
   EXT G E A CHANCELLORS OFF CHANC OFF (TRUST) 60.00

2. SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
   WAUKESHA, WI
   PRIME CONTRACTOR WITH EPA
   AREA WIDE WATER QUALITY PLANNING AND MANAGEMENT
   PROGRAM FOR SOUTHEASTERN WISCONSIN
   FOR THE PERIOD 01-01-83 THROUGH 12-31-83
   AWARD # AGR DTD 01-03-83
   EXT COOP E C&A DFFC SO-EAST C&A OFC SE (144-S799) 21,911.00

3. WISCONSIN FARM PROGRESS DAYS, INC
   MADISON, WI
   COVER BUSINESS EXPENSES RELATING TO
   FARM PROGRESS DAYS
   EXT COOP E EXPERIMNTL FARMS (133-D673) 1,500.00

4. MULTIPLE DONORS
   PROFESSIONAL DEVELOPMENT OF FACULTY AND FURTHERING
   THE OUTREACH EFFORT
   EXT G EXT BUSINESS OUTRCH B OUTR-GEN (133-E332) 900.00

5. FRIENDS OF CHANNEL 21, INC.
   MADISON, WI
   LOCAL PROGRAM PRODUCTION
   EXT ED COM TELEVISION (133-E552) 439.70

6. WISCONSIN HUMANITIES COMMITTEE REGRANTS AND GENERAL SUPPORT
   EXT ADM SV WIS HUMANITIES C (133-E982)
   975.00 MULTIPLE DONORS
   1,500.00 COUNCIL FOR THE SPANISH SPEAKING, INC.
   MILWAUKEE, WI
   2,779.49 KINDSCHI (DONALD)
   NORTH FREEDOM, WI
   1,000.00 MILWAUKEE AUDUBON SOCIETY
   WHITEFISH BAY, WI
   6,254.49

7. EASTERN EDUCATIONAL TELEVISION NETWORK
   BOSTON, MA
   SPROCKETS II AT A $148,512 LEVEL
   EXT ED COM TELEVISION (133-F063) 3,172.00

8. WISCONSIN FERTILIZER AND CHEMICAL ASSOCIATION
   EVANSVILLE, WI
   DEFRAY COST OF ITEMS FOR INFRARED
   SPECTROPHOTOMETER FORAGE TESTING PROGRAM
   EXT COOP E AGRONOMY (133-F207) 1,000.00
UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

9. MILWAUKEE ARTISTS FOUNDATION
MILWAUKEE, WI
BASE "82" FOR THE PERIOD 06-15-82
THRU 12-31-82
EXT G EXT ARTS DEVELOPMENT
(133-F508) 5,800.00

10. UNIVERSITY OF WISCONSIN SPORTS PRODUCTION 1982-83
EXT ED COM TELEVISION
(133-F590)
10,000.00 MILWAUKEE AREA TECHNICAL COLLEGE
MILWAUKEE, WI
5,000.00 UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
5,000.00 FRIENDS OF WHA-TV, INC.
MADISON, WI
9,500.00 EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
19,500.00

11. MULTIPLE DONORS
RECREATION, BUSINESS, COMMUNITY AND OTHER STUDIES
EXT COOP E RECREAT'N RSRCs
(133-F639) 251.77

12. WISCONSIN AMERICAN LEGION AUXILIARY
BADGER GIRLS STATE
MILWAUKEE, WI
BADGER GIRLS STATE 1983
EXT G EXT GOV'TL AFFAIRS
(133-F733) 11,861.80

13. WISCONSIN PUBLIC RADIO ASSOCIATION
MADISON, WI
WHA PERSONNEL AND PROGRAMMING FOR THE PERIOD
12-01-82 THRU 06-30-83
EXT ED COM RADIO
(133-F799) 75,000.00

14. JOURNAL OF EXTENSION
MADISON, WI
ADMINISTRATIVE SUPPORT FOR THE JOURNAL OF
EXTENSION FOR THE PERIOD 01-01-83 THRU
12-31-83
EXT COOP E PRSNL&PRFNL DVLP PRSNL&P DV
(133-F843) 40,382.00

15. NATIONAL PUBLIC RADIO
WASHINGTON, DC
PRODUCTION ASSISTANCE TO NPR PROJECTS FOR
THE PERIOD 10-01-82 THRU 09-30-83
EXT ED COM RADIO
(133-F906) 20,000.00

16. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CAREER AND EDUCATION PLANNING WORKSHOP FOR
WOMEN IN SCIENCE AND ENGINEERING
EXT G EXT ENGINEER'G
(133-F916) 3,840.00
UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

17. ARGEE PRODUCTIONS
MADISON, WI
PRODUCTION OF 1983 SERIES ENTITLED: INSIDE BUSINESS TODAY
EXT ED COM TELEVISION (133-F929) 61,275.10

18. MULTIPLE DONORS
SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT
EXT G EXT BUS-MGT INSTIT BUS-MGT I (133-4539) 300.00

19. MULTIPLE DONORS
UNIVERSITY EXTENSION FELLOWSHIP FUND
EXT COOP E PRSNL&PRFNL DVLP PRSNL&P DV (133-7462) 200.00

20. WISCONSIN CROP IMPROVEMENT ASSOCIATION
MADISON, WI
SUPPORT CROP EVALUATION
EXT COOP E AGRONOMY (133-8685) 6,000.00

21. WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE
MADISON, WI
DAIRY HERD IMPROVEMENT
EXT COOP E DAIRY SCIENCES (133-9260) 1,250.00

GIFT-IN-KIND

1. FRIENDS OF WHA-TV, INC.
MADISON, WI
TRUCK CHASSIS FOR TELEVISION MOBILE UNIT
GIFT-IN-KIND
EXT ED COM TELEVISION

TOTAL EXTENSION 280,897.86

EXTENSION AND PUBLIC SERVICE 280,897.86
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PREPARATION FOR COLLEGE

A Statement Prepared by the Joint Council on College Preparation to Assist College-Bound Secondary School Students in Wisconsin

February 1983
JOINT COUNCIL ON COLLEGE PREPARATION

Robert M. O'Neil (Co-Chair)
President
University of Wisconsin System

Herbert J. Grover (Co-Chair)
Superintendent
Department of Public Instruction

Bryant Kearl
Vice Chancellor for Academic Affairs
University of Wisconsin-Madison

Terri Cahill
Wisconsin Federation of Teachers

Katharine C. Lyall
Vice President for Academic Affairs
University of Wisconsin System

Arnold Chandler
Director
Bureau of Program Development

Donald McCarty
Professor
Department of Educational Administration
University of Wisconsin-Madison

Department of Public Instruction

Barbara Johnson
President
Wis. Personnel & Guidance Assoc.

Chester Natunewicz
Dean
University of Wisconsin Center-
Manitowoc County

Merlin Kilty
President
Wis. Association of School Boards

Edward M. Penson
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University of Wisconsin-Oshkosh

John Koehn
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Wis. Assoc. for Supervision and
Curriculum Development

Daniel Riordan
Professor
Department of English
University of Wisconsin-Stout

Timothy Quinn
District Administrator
Green Bay School District

Ethel Sloane
Professor
Department of Zoology
University of Wisconsin-Milwaukee

Barbara Sniffen
Wis. Education Assoc. Council

Myron Van de Ven
Director of Admissions
University of Wisconsin-Green Bay

Memoree Vander Heyden
Principal
West Bend High School
West Bend, WI
INTRODUCTION

Preparing for college is a serious task that deserves the best a young man or woman can give it—and young people deserve the best future that knowledge can offer to them.

Preparing well in high school broadens the choice of college majors and career opportunities available to students. The college years are also more productive and enjoyable for students who have the tools to work efficiently and without the need for remedial work that might add time and cost to their education.

This statement of recommended competencies is designed to help young people make better choices about their high school programs as they prepare for college. With the opening of many occupations to both men and women, thorough academic preparation becomes important to help all students meet their career aspirations. The statement recommends study in a variety and depth of high school subjects that will help all students make the most of college, not just "get by."

For each subject area, the statement tells what competencies are necessary to make a good start in college work. While most young people will attain these competencies through formal course work, other ways to acquire them are also mentioned. Simply "putting in time" will not guarantee mastery of essential skills. Continuing and sustained academic effort throughout high school, and especially in the senior year, is critical to good college preparation.

This statement has two major sections. The first lists general competencies that are essential to all disciplines and areas of study; the second describes in more detail specific skills that students should acquire in major subject areas.

Because the competence that a student develops depends not only on the number of years one studies a subject, but on the content of the course, one's motivation, and many other factors, we hope that students, parents, teachers, and counselors will find this advice useful in reexamining course content and the critical choices that students make, year by year, as they select their high school programs.

In addition to a sound academic preparation there are a number of other skills which will make college studies easier and more enjoyable. Among these skills are the use of a computer language, basic typing skill and some experience with the visual and performing arts.

This statement reflects the professional opinions of those individuals who served as members of the Joint Council on College Preparation; it should be regarded as a living document subject to changes over time with changes in knowledge.
Throughout their elementary and secondary school program students should develop a number of general skills that are essential for successful college study. These general competencies supplement the mastery of more specific subject matter in English, mathematics, natural science, social studies, and foreign language as detailed in Section II. Such skills are not the province of any particular subject area but are found throughout the standard disciplines of knowledge and serve as critical links to all learning. Students who possess these general competencies demonstrate that they have the basic tools for learning and are most likely to have a successful college career. The following list of general competencies reflects the recommendations of a number of national educational and professional associations. It offers guidance for students in Wisconsin who plan to pursue college studies. Entering college freshmen should have:

In READING, the ability to:

* Identify and comprehend the main and subordinate ideas in a written work and summarize the ideas in one's own words.
* Recognize different purposes and methods of writing, identify a writer's point of view and tone, and interpret implied as well as literal meanings.
* Separate one's personal opinions and assumptions from those of a writer.
* Vary reading speed and method (survey, skim, review, question, and master) according to the type of material and one's purpose for reading.
* Use the features of books and other reference materials such as the table of contents, preface, introduction, titles and subtitles, index, glossary, appendix and bibliography.
* Define unfamiliar words by using contextual clues or by using a dictionary.
* Understand the differences between denotation and connotation, abstract and concrete, literal and figurative expression.

In WRITING, the ability to:

* Use the writing process of pre-writing, writing and rewriting.
* Identify/generate ideas for topics.
* Organize, select and relate ideas pertinent to a topic.
* Outline identified ideas and develop them into coherent paragraphs.
* Organize paragraphs into a logical sequence so the central idea is developed to a logical conclusion.

* Write standard English sentences with correct sentence structure, grammar, spelling, punctuation, and capitalization.

* Vary writing style for different audiences and purposes.

* Use a variety of forms (essays, letters, poems, journals, etc.).

* Read own writing critically and improve it by rewriting to correct errors of mechanics and structure.

* Present one's own ideas as separate from but related to the ideas of others, including the proper use of documentation.

* Support one's opinions and conclusions with appropriate use of evidence. Be able to quote, paraphrase, and summarize from data.

* Use dictionaries and other reference materials for checking words as well as facts.

In SPEAKING AND LISTENING, the ability to:

* Participate critically and constructively in the exchange of ideas, particularly during class discussions and conferences with instructors.

* Ask and answer questions coherently and concisely.

* Follow spoken instructions.

* Identify and comprehend the main ideas in lectures and discussions and report accurately what others have said.

* Identify and develop ideas about a topic for the purpose of speaking to a group, choose and organize related ideas, present them clearly in standard English, and evaluate similar presentations by others.

* Use words, pronunciation and grammar appropriate to the audience, situation and purpose.

* Evaluate a speaker's intent as compared with content, and be aware of non-verbal cues.

* Understand communication between speaker and listener as a two-way exchange of meanings.

In dealing with QUANTITATIVE AND SPATIAL CONCEPTS, the ability to:

* Perform arithmetic operations accurately including addition, subtraction, multiplication, and division using rational numbers, fractions, decimals and integers.

* Use measurements in both standard and metric units.
* Understand and use ratios, proportions, percentages, roots and powers, algebra, and geometry to formulate and solve problems in everyday situations.

* Select and use appropriate approaches and tools (mental computation, paper-and-pencil techniques, calculator, computer) in solving problems.

* Determine the reasonableness of results through estimation and approximation.

* Understand the language and notation of mathematics, formulate problems into mathematical statements using algebraic language, and express quantitative ideas with precision.

In REASONING AND INVESTIGATION, the ability to:

* Draw logical conclusions from written and oral sources as well as from observation of natural events.

* Defend own conclusions logically.

* Identify and formulate problems. Propose and evaluate ways to solve them.

* Recognize and use inductive and deductive reasoning.

* Recognize major fallacies in reasoning.

* Comprehend, develop, and apply concepts and generalizations within and between subject areas.

* Distinguish between fact and opinion.

* Solve problems where method of solution is not recommended by the teacher or the textbook.

In ORGANIZING STUDY AND RESEARCH, the ability to:

* Set study goals and priorities consistent with stated course objectives and one's own progress.

* Take thorough, well-organized lecture notes.

* Manage study time to meet deadlines.

* Follow instructions accurately.

* Know how to prepare for and take a variety of tests.

* Develop memory skills.

* Accept and learn from constructive criticism.
* Synthesize knowledge and apply it to new situations.
* Use libraries effectively and efficiently.
* Use a typewriter.

In dealing with COMPUTERS, the ability to:

* Understand the essential functions of a computer and the principles on which it operates.
* Recognize the basic purposes of major hardware and software elements.
* Know and to apply at least one computer language in solving problems.
II. RECOMMENDED PROGRAM OF STUDIES IN HIGH SCHOOL

The surest and most systematic way to acquire the competencies needed for success in college is to take a sound course of academic studies in high school, building on a quality elementary program. Some of these competencies can be attained in ways other than through formal schooling, but we believe all college-bound students would gain greatly from a high school program that includes:

* Four years of English
* Three years of mathematics
* Three years of science
* Three years of social studies
* Two years of one foreign language

**English**

A four-year English-communication arts program for the college-bound student ought to include a broad array of British and American writers as well as some World and Non-Western literature. At least a year should focus on written composition and at least a semester should concentrate on speech communication, public speaking, theater, or debate. Writing and speaking in a variety of modes, for a variety of purposes, and for a variety of audiences should occur throughout the study of literature as students construct a broad range of speeches and compositions—formal, informal, and impromptu—all aimed at enhancing student language fluency and developing a wide range of communication skills.

The program ought to provide practice in comprehending and composing written and oral communications through regular assignments in reading, writing, speaking and listening. Solid academic preparation should include:

**Composition**

* Frequent and regular writing assignments of varying length and purpose that require the identification of ideas, drafting, revising, and editing to a final product. Assignments should require writing in standard English with control of the conventions of edited American English including sentence structure, grammar, punctuation, and spelling.

* Practice in writing for a variety of audiences including self, classmates, teacher, and public community, using a variety of styles (informative, persuasive, critical).

* Ability to employ basic research techniques to gather information and to quote, paraphrase, and summarize from other sources with proper attribution.
Literature

* Basic familiarity with major works of American and British literature.

* Familiarity with major literary forms including the novel, short story, drama, biography, essay, and poem.

* Ability to recognize values and universal themes in literature and the relation of literature to the social conditions in which it was produced.

* Knowledge of trends in literary history including both oral and written traditions.

* Ability to recognize specific uses of language in literature including style, figurative language, tone, mood, point of view, symbols, imagery, and allusion.

* Familiarity with basic forms of literary response including interpretation, analysis and synthesis of the writings of others.

Oral Communication

* Regular practice in classroom speaking including prepared and spontaneous presentations and question-and-answer exchanges with listeners.

* Ability to recognize and use different rhetorical approaches (informing, persuading, imagining, socializing) and to select appropriate approaches for various situations.

* Ability to adapt message and form of address to different purposes, audiences, and contexts of the communication.

* Regular practice in listening to oral presentations, accurately identifying the speaker's essential points, and separating fact from opinion in the presentation.
Mathematics

The three-year mathematics program for college-bound students generally includes two years of algebra and one year of geometry, although other configurations of courses are possible. It is highly recommended that some mathematics should be taken during the senior year.

Minimum preparation in mathematics includes competence in each of the following topics:

* Computation with whole numbers, rational numbers, and integers in standard or scientific notation, and common radicals; knowledge of order of operations and use of grouping symbols.
* Properties of the real number system and the meaning of operations defined on real numbers.
* Use of mathematical symbols for variables (including single and double subscripted variables), functions, relations, and operations.
* Algebraic manipulations of linear and polynomial equations and inequalities, rational expressions, and absolute values.
* Coordinate graphing of linear and quadratic functions and relations.
* Systems of linear equations, their graphs, and methods of solution.
* Measurement, including estimation, direct and indirect measurement, and derived units of measure.
* Fundamental properties of geometric figures in two and three dimensions, and relationships among geometric figures.
* Exponents and exponential and logarithmic functions.
* The nature of axiomatic systems and mathematical proof.
* Use of mathematical relationships and methods to solve problems.
Science

A three-year science program for the college-bound student should include quantitatively oriented courses in biology, chemistry, and physics that contain strong laboratory components. Since taking all three subjects is not the only means of achieving the expected knowledge listed below, a sequence of interdisciplinary science courses or a subject such as Earth Science can be a part of the college preparatory high school science curriculum as long as the courses stress the observational and experimental bases of scientific investigation and emphasize the major concepts and principles affecting the biological and physical environment.

Preparation in the sciences should provide:

* Understanding of the diversity of natural phenomena and the methods of studying and classifying them.

* Recognition of the interrelationship and interdependence of living organisms, and the role of a biological organism in a physical world.

* Understanding of the scientific method of investigation, i.e., the role of observation and experimentation in the advancement of scientific knowledge.

* Experience in gathering scientific data through laboratory and field work.

* Ability to construct tables and graphs from given data, and to interpret data presented in tables and graphs.

* Ability to draw conclusions and inferences from data.

* Ability to communicate observations and experimental results both quantitatively, through use of mathematical relationships, and qualitatively, in clear and concise spoken or written language.

* Appreciation of the unifying concepts and principles within the Natural Sciences.

* Awareness of the philosophical, ethical, political, and economic impacts of science and technology.

* Awareness of concerns about the current and future impacts of science and technology on society.
Courses in the science curriculum should include the basic concepts, principles, and factual information in the following topical areas:

**Biology:**
- Molecular and cellular biology
- Genetics
- Plant and animal diversity and the principles of classification
- Structure and function of plants and animals
- Population biology
- Organic evolution
- Ecology
- Animal behavior

**Chemistry:**
- Structure of matter
- States of matter
- Reactions of matter (acids, bases, oxidation-reduction, electrochemistry, equilibrium, kinetics, thermodynamics)
- Chemical classification
- Introductory organic chemistry

**Physics:**
- Principles of mechanics
- Laws of conservation
- Basics of waves
- Fundamentals of electricity and magnetism
- Atomic and nuclear physics
Social Studies

College-bound students should have at least three years of high school preparation in social studies including one year of U. S. history and one year of world history. Study of the political and legal structure and the operation of government on the local, state and national levels should be included. History courses should also include intensive study of selected episodes using original sources. Other useful social studies courses from which a third year should be selected include economics, sociology, psychology, geography, anthropology, and political science.

Preparation in U. S. history and world history should provide:

* Knowledge of the structure and operation of United States governments (federal, state and local) and other governments.

* Knowledge of the chronological order of major events throughout the world and in the United States in order to understand certain recurring themes, the impact of change, and the interrelatedness of events.

* Ability to analyze shifts in the power, wealth, status of and access to knowledge and resources of various groups in different periods.

Social studies courses should include the following representative topics:


* World, national, state and local political structures.

* Comparative governmental and economic systems.

* World and regional geography.

* Political, agricultural, industrial and informational revolutions.

* Migration and population trends.

* Cultures of the world and the United States.

* Ideas and ideals of western civilization and relationships to world civilization.

* Economic and political issues, problems and linkages within the United States and throughout the world.

* Social structures and social justice.

* Role of law and the rights, responsibilities, and ethics of citizens.

* Human behavior, motivation, personality and attitudes.
Foreign Language

College-bound students should take at least two years of a foreign language. The study of languages helps to prepare a student for more successful university work by providing a clearer understanding of the structure and power of one's own language. Such study improves sensitivity to other cultures and other ways of thinking and verbalizing ideas and enhances access to more information in every academic and professional field.

To help improve foreign language capability, we recommend that, before entering university study, a student develop the following skills in at least one second language:

* Aural comprehension, i.e., the ability to understand and/or transcribe correctly a simple to moderately difficult spoken or dictated passage.

* Ability to read simple to moderately difficult prose passages, at least with the aid of a dictionary.

* Ability to conduct a simple conversation with correct pronunciation and intonation.

* Grasp of basic conversational idioms.

* Ability to compose a simple prose paragraph with the correct spelling, punctuation and accents.

* Possession of a functional vocabulary for travel and social encounters, or for study in a particular academic/professional field.

* Some knowledge of, and sensitivity to, other aspects of a foreign country besides the language and literature (e.g., climate and geography, history, music, art, theatre, cultural traditions, social and religious conventions, industry and economy, politics and the legal system, prominent personalities).

* Ability to cite areas of similarity and contrast between English and the second language.

In acquiring these skills, students should recognize and understand:

* Declensions and conjugations.

* Parts of speech.

* Gender and number.

* Cases and their use.

* Verb tenses, voices and moods.

* Word order.

* Modifiers and the rules for their agreement with the words modified.

* Punctuation, accent and diacritical marks.

* Terminology related to the above.
These skills can be acquired in one or more of the following ways:

* At least two, and preferably three or even four years of classroom study.

* Living in a bilingual family.

* An extended visit to another country with daily practice in speaking, reading and writing the foreign language.

* Study at foreign language "villages" and institutes in the United States.

The following foreign languages are particularly useful for persons planning to attend college:

* Latin and Ancient Greek (for careers in medicine, biological sciences, law, journalism, teaching, the ministry; also generally helpful to anyone who wishes to improve his/her command of English or needs a strong foundation for learning other foreign languages).

* Spanish, French, and Italian (for careers in the humanities, international business and diplomacy or in the creative and performing arts).

* German and Russian (for study and research in the natural, technological, mathematical and engineering sciences).
## PREPARING FOR COLLEGE: A PLANNING CHART FOR COLLEGE-BOUND HIGH SCHOOL STUDENTS

### General Recommendations

Even if you are not sure you are going to college or if you haven't made up your mind about your career plans, this general program of courses will help to keep most doors open for you:

<table>
<thead>
<tr>
<th>English</th>
<th>Mathematics</th>
<th>Natural Science</th>
<th>Social Studies</th>
<th>Foreign Language</th>
<th>Additional Critical Skills &amp; Experiences</th>
<th>Recommended Related Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years including literature, composition, standard language usage, essay/theme writing, including 1/2 year on research paper and 1/2 year speech.</td>
<td>3 years—year each in algebra, geometry, advanced algebra.</td>
<td>3 years of sciences: biology, chemistry, physics.</td>
<td>3 years with 1 year U.S. History, 1 year World History, and 1 year of other social studies.</td>
<td>At least 2 years in one language.</td>
<td>Typing, Computer programming, Visual &amp; performing arts.</td>
<td>Student Council, School clubs, Academic Competition, Explorer Scouts, Community Involvement.</td>
</tr>
</tbody>
</table>

### Additional Preparation for Selected Programs

If you know what career you want to choose, work with your counselor and consult the catalogs of colleges and universities that are in your area or offer the program you want. Here are some suggested courses and other experiences that will help you do well in particular programs beyond high school.

| Agriculture and Natural Resources such as: Animal Science, Fisheries, Resource & Recreation Management, Soil Science, and Wildlife Management. | |
| Architecture such as: Interior Design, Landscape Architecture. | 1 year advanced Math. | | | | | Vocational agriculture courses; work/club experience | Basic Design/ drawing, art, art history, visual arts, graphics, photography. |
Additional Preparation for Selected Programs (Cont.)

If you know what career you want to choose, work with your counselor and consult the catalogs of colleges and universities that are in your area or offer the program you want. Here are some suggested courses and other experiences that will help you do well in particular programs beyond high school.

| Biological Sciences such as: Biology, Biochemistry and Biophysics, Microbiology & Zoology. | 1 year advanced Math. |  | French, German, Latin, or Ancient Greek |  |  |
| Business & Management such as: Accounting, Business Administration, Economics, Finance, Marketing, Data Processing. | 1 year advanced Math. |  | Spanish | Additional computer course. |  |  |
| Communications & Journalism such as: Newspaper, Radio-TV. |  |  |  | Experience with high school paper, yearbook, local newspaper, radio-TV work, writing for publication. |  |  |
| Education. |  | Psychology and Sociology. |  | Teacher's assistant/volunteer, tutoring, group leader clubs and organizations. |  |  |
If you know what career you want to choose, work with your counselor and consult the catalogs of colleges and universities that are in your area or offer the program you want. Here are some suggested courses and other experiences that will help you do well in particular programs beyond high school.

<table>
<thead>
<tr>
<th>Program Type</th>
<th>Course Requirements</th>
<th>Language Requirements</th>
<th>Additional Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering such as: Civil, Electrical, Chemical, &amp; Industrial Technology.</td>
<td>1 year advanced Math. 1 additional year advanced chemistry or physics.</td>
<td>Italian.</td>
<td>Experience in creative and performing arts such as painting, sculpture, music, dance, &amp; theatre.</td>
</tr>
<tr>
<td>Fine &amp; Applied Arts such as: Music, Dance, and Theater.</td>
<td></td>
<td></td>
<td>Inter multicultural experiences through reading, visits, student programs abroad.</td>
</tr>
<tr>
<td>Foreign Languages</td>
<td>2 additional years in chosen language(s).</td>
<td></td>
<td>Work &amp; club experiences in natural resources.</td>
</tr>
<tr>
<td>Forestry</td>
<td>1 year advanced Math.</td>
<td>1 year graphic arts or mechanical drawing.</td>
<td>Volunteer work, hospital aide, veterinarian's assistant, Red Cross experience.</td>
</tr>
<tr>
<td>Health Sciences &amp; Services such as: Dentistry, Dental Hygiene, Medical Technology, Medicine, Nursing, Optometry, Pharmacy, Physical Therapy, Veterinary Medicine, Communication Disorders.</td>
<td>1 year advanced Math. Psychology. Latin, Ancient Greek.</td>
<td></td>
<td>Home economics courses</td>
</tr>
<tr>
<td>Home Economics.</td>
<td>Psychology.</td>
<td>Art, Design.</td>
<td></td>
</tr>
</tbody>
</table>
If you know what career you want to choose, work with your counselor and consult the catalogs of colleges and universities that are in your area or offer the program you want. Here are some suggested courses and other experiences that will help you do well in particular programs beyond high school.

<table>
<thead>
<tr>
<th>Humanities such as: Classics, Creative Writing, English, Linguistics, Philosophy, Religious Studies, and Speech.</th>
<th>Additional courses in English composition, literature,</th>
<th></th>
<th>2 additional years in chosen language(s).</th>
<th>Intercultural experience through reading, visits, exchange programs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>1 year advanced Math.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Sciences such as: Chemistry, Earth Science, Geology, and Physics.</td>
<td>1 year advanced Math.</td>
<td>Economics, Sociology or Psychology.</td>
<td>Spanish.</td>
<td>Work/volunteer experience with public and community agencies.</td>
</tr>
<tr>
<td>Public Affairs &amp; Services such as: Public Administration, Social Work, International Studies Criminal Justice, &amp; Urban Affairs.</td>
<td></td>
<td></td>
<td></td>
<td>Reading books, newspapers, magazines on cultural, historical, political and social issues &amp; topics.</td>
</tr>
<tr>
<td>Social Sciences such as: Anthropology, History, Political Science, Sociology, Psychology, and Geography.</td>
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</tbody>
</table>
REPORT OF NONPERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS

to the
BOARD OF REGENTS
AND INFORMATIONAL ITEMS REPORTED FOR THE REAGENT RECORD
11 February 1983

I. CONTRACTS AWARDED.

A. UW-LA CROSSE

1. 1977-79 Mechanical/Electrical Monitoring System and
1979 Temperature Control and Ventilation Modifications (7806-17)
   a. All Work
      Hooper Construction Corporation - Madison
      $338,300.00

2. 1981-83 Steam and Condensate Lines Expansion Joints Replacement (8206-55)
   a. Mechanical Work
      Hengel Brothers, Inc. - La Crosse
      $43,160.00

B. UW-MADISON

1. 1981-83 CSHP Boilers #1, 2, and 3 Flue Gas Recirculation Systems (8203-24)
   a. Flue Gas Fans
      Mechanical Systems, Inc. - Madison
      $45,900.00

2. 1981-83 Genetics Building Remodeling to Improve Animal Areas (8201-281)
   a. General
      Joe Daniels Construction Company - Madison
      $47,528.00
   b. Heating, Ventilating & A/C
      General Heating & A/C, Inc. - Madison
      $11,657.00
   c. Electrical
      H & H Electric Company, Inc. - Madison
      $3,500.00
   TOTAL CONTRACT AWARDS: $62,685.00

C. UW-MILWAUKEE

1. 1981-83 Condenser Pump Overhaul (8209-21)
   a. Mechanical and Related Work
      BergIn Corporation - Thiensville
      $24,150.00

D. UW-OSHKOSH

1. 1981-83 Albee Hall Gymnasium Floor Replacement (8212-46)
   a. General
      Marks Construction Company - Berlin
      $70,973.00
E. UW-PARKSIDE

1. 1981-83 Physical Plant Equipment Storage Building (8209-30)
   a. Pole Construction Work
      Pioneer Pole Building & Supply Company, Inc. - Mayville $58,600.00
   b. General Construction
      Nelson, Inc. of Wisconsin - Racine $48,184.00
   c. Electrical Work
      Electrical Contractors, Inc. - Kenosha $8,459.00
   TOTAL CONTRACT AWARDS: $115,243.00

F. UW-PLATTEVILLE

1. 1981-83 Five Building Masonry Repairs (8205-16)
   a. Masonry Restoration & Related (5 Buildings)
      A. J. Spanjers Company, Inc. - Minneapolis, MN $41,713.00
   b. Masonry Restoration & Related (Heating Plant Stack)
      Peabody Continental-Helne Company - Des Plaines, IL $8,225.00
   TOTAL CONTRACT AWARDS: $49,938.00

G. UW-STEVENS POINT

1. 1979-81/1981-83 Asbestos Removal/Encapsulation (8103-33)
   a. All Work (Fine Arts Building)
      K & M Asbestos Removal, Inc. - Madison $24,635.00

H. UW-SUPERIOR

1. 1981-83 Theatrical Lighting Controller Replacement (8203-29)
   a. Electrical Work
      Lakehead Electric Company - Duluth, MN $49,400.00

I. UW-WHITEWATER

1. 1982 Esker Hall Air Conditioner Maintenance (8202-01)
   a. General
      Morris/Trane Service Agency - Brookfield $10,743.00

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

There are none to report this month.

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

A. A Plan Member Agreement between Foremost Card Service, Milwaukee, Wisconsin, and
   the Board of Regents of the University of Wisconsin System (Veterinary Medical
   Teaching Hospital and Clinics), providing for use of Visa and Master Card in
   payment of service, has been signed November 9, 1982, by the Director of
   Business Services, UW-Madison.

2/11/83 Agreement between Foremost Card Service, Milwaukee, Wisconsin
   for Visa and Master Card payment of service for the Veterinary Medical
   Teaching Hospital and Clinics, impersonal item A.
The Agreement between the City of Madison and the University concerning the construction of the desilting basin on Arboratum land (as reported to the Board in September 1982) has been modified by addendum to clarify Paragraph 4 relating to construction cost and maintenance responsibility assignments.

A lease agreement has been signed by the Vice President for General Services covering 2,124 square feet of storage space to be used by the Wisconsin Regional Primate Center. The lease covers the period March 1, 1983 through February 28, 1986 at the annual rate of $4,500 ($1.07 per square foot) for space located at 1214 Capitol Court with costs charged to the Center's federal grant.

The agreement between Options in Community Living, Inc., and UW-Madison for continued lease of office space in the Annex Building at 1954 East Washington Avenue has been signed by the Vice Chancellor for Administration. The rental rate for the use of approximately 1,001 net assignable square feet on the first and second floors of the building will be $7.48 per square foot for the term January 1, 1983 through December 31, 1983.

Under authority granted by Board Resolution 916 (June 8, 1973), an easement has been granted to the Northern States Power Company to allow the utility company to increase the height of its transmission line tower structures on UW-River Falls Farm 2. This will prevent conflict of the present two, pole-type structures in the field with the proposed irrigation system approved by the Board for installation in this area. The additional height of these towers will result in a reduced number of structures, at a greater line span length, which will provide greater use of the present tillable field east of the farmstead.

Under authority delegated by the Board, the UW-Madison Chancellor has authorized the razing of the following buildings located on the new West Madison Experimental Farm (Bryan Farm). The buildings are generally in poor condition, are not considered useful for the long-range development of the experimental farm facility, are of no historical significance, and are considered a liability for the University. Campus and System Administration Risk Management staffs concur with this decision.

The agreement with the Dane County Mental Health Center providing for lease of 980 square feet of space on the second floor of 1954 East Washington Avenue has been signed by the Vice Chancellor for Administration. Covering Calendar 1983, the terms and conditions are similar to those used in the agreement last reported in October 1981 for Calendar 1982.

The lease of 2,000 square feet of space at 1902 East Johnson Street, ($5.00/ square foot) for storage space for UW-Madison's Administrative Data Processing Unit forms and supplies was signed by the Vice President for Administration. This continues the agreement last reported in May 1981 for the term ending February 28, 1983.
REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT) (cont.)

1. A revision to the collection agreement between the Board of Regents and the USDA Forest Service (FP-82-0443) reported in July 1982 has been signed by the Vice President for General Services. This agreement (FP-83-0512) is required in relation to the occupancy and Use Permit with the USDA Forest Service for use by the University of the Forest Products Laboratory Facilitities at 502 and 503 Walnut Street, and provides for the University to advance a portion of the annual rental charge to FPL, who provides for the costs of contracting the maintenance work from this advance. The advance, as adjusted for actual maintenance costs, is credited against the annual rental payment by the University at the end of the year. The 1982 agreement was intended for repair and replacement of the roofs of the rental properties. An error in bidding made it impossible for FPL to implement the intended roof repair work under this Collection Agreement, and FP-83-0512 is to accomplish the required roof repairs.

2. J. Group Enrollment Agreements (Group Nos. 78438.0, 78433.1, and 78445) between the Board of Regents and Associated Hospital Service, Inc., Milwaukee, have been signed by the Assistant Secretary of the Board to provide Dentacare Smile Plus (group dental, employee paid) service to System employees. The voluntary program will become effective May 1, 1983, and will be available to System unclassified and nonrepresented classified employees.

3. K. The agreement for lease of space in the Northeast Family Practice Center for a dental practice (reported to the Board in July 1982) has been revised to reflect the new practice association, Madison Family Dental Associates, S.C., effective December 1, 1982. This lease period covers December 1, 1982 through February 28, 1985, with the option to renew at that time for an additional three-year period, with a new rental rate established and agreed to by both parties, and will reflect current rates for comparable space in the area.

4. L. The lease between UW-Madison and the University of Wisconsin Credit Union, for the rental of 198.5 square feet in Room J5/117 (an increase from 96 square feet) has been signed by the Vice Chancellor for Administration and covers the period from March 1, 1983 through June 30, 1985, at the rate of $7 per square foot. The increased space will allow the Credit Union to provide an improved level of service. The Credit Union will also be required to maintain a policy of liability insurance at a level acceptable to the University. The lease reported in April 1981 ends January 31, 1983; and, because the new space is being remodeled and will not be available until March 1, the Credit Union is being allowed to remain in its present quarters through a one-month letter of extension for the month of February 1983.

5. M. The rental agreement with Rodgers H. Nelson for the UW-Madison Physical Sciences Laboratory farm has been renewed for the two-year period March 1, 1983 through February 28, 1985, for a total rental payment of $41,760, payable in four quarterly amounts as specified in the agreement. This represents a continuation of the tenant arrangement which has existed for many years with Mr. Nelson.

6. N. An agreement between the Board of Regents and the Village of Stockbridge (Wisconsin) has been signed which provides for lease of approximately 1,400 square feet of clinic space for use by the Department of Family Medicine and Practice as a satellite clinic to the Fox Valley Program in Appleton, Wisconsin. The community requested the University to provide the clinic, and the Village is providing support for equipping it. In addition to fulfilling a community need created by the recent departure of the village's previous physician, this would provide an opportunity for needed enhancements of the Fox Valley program, i.e., "rotation" experience. The annual lease cost will be $4,200 ($3.00 per square foot) and will be funded by Program Revenues. The lease covers the period March 1, 1983 through February 28, 1986, with two year renewal options.
0. To Be Published by UW-Press:

<table>
<thead>
<tr>
<th>TITLE</th>
<th>AUTHOR</th>
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<tbody>
<tr>
<td>Organized Labor's Response to the Civil Rights Act of 1964</td>
<td>Herbert M. Hill</td>
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<tr>
<td>&quot;The Elements of Industrial Relations&quot;</td>
<td>Jack Barbash</td>
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<tr>
<td>&quot;Legend of Iron or Legend of Gold? A New Look at the Legenda Aurea and Its Paradoxical History&quot;</td>
<td>Sherry L. Reames</td>
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<tr>
<td>&quot;The Red Gold of Africa: Copper In Pre-Colonial History and Culture&quot;</td>
<td>Eugenia Warren Herbert</td>
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<tr>
<td>Resistance and Survival: The Yaqui Struggle for Land and Autonomy, 1821-1910</td>
<td>Evelyn Hu-DeHart</td>
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<tr>
<td>&quot;The Public Domain and the Second Party System&quot;</td>
<td>Daniel Feller</td>
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<tr>
<td>&quot;The Licensing Act of 1737&quot;</td>
<td>Vincent J. Llesenfeld</td>
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<tr>
<td>&quot;The Pathless Way: John Muir and American Wilderness&quot;</td>
<td>Michael P. Cohen</td>
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<td>&quot;Catalog of Early American Furniture in the Stanley &amp; Polly Stone Collection&quot;</td>
<td>Agreements with Oswaldo Rodriguez Roque and I. Stanley Stone</td>
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</tbody>
</table>
This is a summary of major actions taken by the Board of Regents on the above date. Full minutes of the meeting will be available within one month at the main library or archives on each campus of the University of Wisconsin System and the Legislative Reference Bureau of the State Capitol.

Subject Index

Approval of December 10, 1982 regular meeting minutes 1

A. REPORT OF THE PRESIDENT OF THE BOARD
1. Report of the President of the VTAE Board 1
2. Report of the meetings of the Higher Educational Aids Board and Wisconsin Higher Education Corporation 1
3. Report of the February 10 meeting of the Council of Trustees of the UW Hospital and Clinics 1
4. Appointments to a Regent Selection Committee for Executive Dean, UW Centers 2

B. REPORT OF THE PRESIDENT OF THE SYSTEM
1. Approval of non-personnel actions by administrative officers/informational items 2
2. Third Annual Report to the Regents by President O'Neil 2
3. Minnesota-Wisconsin tuition reciprocity agreement 2
4. Video presentation on robotics by Dean Bollinger, UW-Madison College of Engineering 2
5. Report of the United Council of UW Student Governments 2

C. REPORT OF THE EDUCATION COMMITTEE
1. Report of the Joint Council on College preparation 3 & EXHIBIT A
2. Discussion regarding the federal Solomon Amendment 3, also 4-5
3. Report on collective bargaining 3
4. Report of the Wisconsin Public Broadcasting and Telecommunications Study 4
5. Referral to the Council of Trustees of the UW Hospital and Clinics of proposed revisions of their By-Laws 4
6. Resolution regarding implementation of the federal Solomon Amendment 4 & 5
7. Approval of amendment to faculty personnel policies and procedures, UW-Milwaukee 5 & 6
8. Approval of revisions to faculty rules and procedures, UW-Superior 6
9. Report on five-year review of B.S. in Health Care Administration, UW-Eau Claire 6
10. Request for analysis of use and distribution of WHEG awards 6
11. Storage of Milton College's records at UW-Whitewater 6
Subject Index

<table>
<thead>
<tr>
<th>D. REPORT OF THE BUSINESS AND FINANCE COMMITTEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. President O'Neil's report on Governor's recommendations for UW-System 1983-85 Biennial Budget</td>
</tr>
<tr>
<td>2. Approval of gifts, grants and contracts</td>
</tr>
<tr>
<td>3. Bequest of Hovagim Mouradian</td>
</tr>
<tr>
<td>4. Bequest of Thomas L. Peterson</td>
</tr>
<tr>
<td>5. Approval of Wisconsin Student Association's request for segregated fee monies for legal expenses of the Wisconsin Hall Tenant Association</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Approval of major project concept and budget reports, UW-System</td>
</tr>
<tr>
<td>2. Change in scope for remodeling, code compliance, Arena, UW-Eau Claire</td>
</tr>
<tr>
<td>3. Major project budget increases, UW-Parkside, UW-Stout</td>
</tr>
<tr>
<td>4. Rezoning and final plat requests, Seed Farm, UW-Madison</td>
</tr>
<tr>
<td>5. Roof repair/replacement, Marietta House, UW-Milwaukee</td>
</tr>
<tr>
<td>6. Lease of Maplewood School, Menasha, by UW Center-Fox Valley</td>
</tr>
<tr>
<td>7. Approval of minor projects, UW System</td>
</tr>
<tr>
<td>8. Approval of 1982 campus transportation plans, UW-Platteville and UW-Stevens Point</td>
</tr>
<tr>
<td>9. Report of the Vice President</td>
</tr>
<tr>
<td>10. Merrill Hall Tower masonry restoration, UW-Milwaukee</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F. UNFINISHED AND MISCELLANEOUS BUSINESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Plans for a spring Regent retreat</td>
</tr>
</tbody>
</table>
SUMMARY MINUTES OF THE REGULAR MEETING
of the
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM
Madison, Wisconsin
Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, February 11, 1983
8:00 a.m.

- President Beckwith presiding -

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

ABSENT: Regent Grover

Upon motion by Regent Fish, seconded by Regent Podlesny, it was voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on December 10, 1982, be approved as mailed to the members of the Board.

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A. REPORT OF THE PRESIDENT OF THE BOARD

1. Regent Zirbel, President of the State Board of Vocational, Technical and Adult Education, reported on VTAE System efforts regarding retraining of unemployed workers, upcoming discussion of the Wisconsin Higher Education Grant (WHEG) program, and a report from the Department of Public Instruction on the division of federal funds.


3. Regent Lawton, Chairman of the Council of Trustees of the UW Hospital and Clinics, stated that, at its meeting the preceding day, the Council received a six-month report on the status of the hospital and a presentation by the Department of Ophthalmology. It was also reported that state funding for treatment of welfare patients had been exhausted in January.
4. President Beckwith announced the appointment of a Regent Selection Committee, consisting of Regents Gerrard, Podlesny and Zirbel, for the position of Executive Dean of the UW Centers.

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B. REPORT OF THE PRESIDENT OF THE SYSTEM

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

Resolution 2744: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

2. The Board received President O'Neil's Third Annual Report (copy on file with the papers of this meeting).

3. President O'Neil outlined the agreement reached by Governors Earl and Perpich to preserve the Minnesota-Wisconsin tuition reciprocity agreement.

4. Dean John Bollinger, of the UW-Madison College of Engineering, made a video presentation on research in the field of robotics and its application to Wisconsin industry.

5. Reporting for the United Council of UW Student Governments, Council President Scott Bentley expressed support for the Minnesota-Wisconsin tuition reciprocity agreement and opposition to proposed legislation which would require that the fall semester begin after Labor Day. He also noted efforts to bring student governments from the Center institutions into United Council. Finally, he urged the Board to consider adopting a resolution regarding the Solomon Amendment.

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C. REPORT OF THE EDUCATION COMMITTEE

Chairman Schilling reported for the Committee, noting that the first three agenda items were presented at a portion of the meeting to which all regents were invited.
1. Resolution 2745 was adopted unanimously, upon motion by Regent Schilling, seconded by Regent Fox.

Resolution 2745: The University of Wisconsin System Board of Regents is pleased to receive the report of the Joint Council on College Preparation entitled "Preparation for College" and commends the advice it contains on appropriate academic preparation for college to all parents, teachers, students, school boards, and others concerned with improving the educational future of Wisconsin's students. The Regents urge that the report be given wide dissemination within the state through such initiatives as:

* Issuing a joint press release calling the statement to the attention of the general public;

* Sending a joint letter from DPI and the UW System to the parents of all eighth grade students enclosing a condensed version of the statement on "Preparation for College";

* Developing a media presentation with introductory statements from each co-chairman for use with secondary school students, counselors, and parents in reinforcing the recommendations of the Council;

* Encouraging individual universities and their departments to use this statement in expanding their individual relations with secondary schools and students;

* Urging professional organizations in the fields addressed by the statement to include sessions pertinent to these issues at their annual meetings;

* Seeking opportunities to present and discuss the statement and its implications with local school boards and school administrators;

* Making special efforts to reach minority and disadvantaged students about the significance of the statement through appropriate committees of the UW System and DPI.

(The report is attached as Exhibit A.)

2. There was discussion in Committee regarding the federal Solomon Amendment and proposed regulations for its implementation, after which a motion was adopted to table a resolution circulated by the President of United Council. (See Item 6, pages 4-5, for action on this matter by the full Board.)
3. A report on collective bargaining was presented to the Committee.

4. Regent Schilling moved adoption of the following resolution. The motion was seconded by Regent Podlesny and unanimously carried.

Resolution 2746: Upon the recommendation of the President of the University of Wisconsin System, the Board of Regents acknowledges receipt of the report, Wisconsin Public Broadcasting and Telecommunications Study, and authorizes its transmission to the Governor and Legislature as stipulated in Section 2011(1)(c) of Chapter 20, Laws of 1981.

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

5. Adoption of Resolution 2747 was moved by Regent Schilling, seconded by Regent Finlayson and voted unanimously.

Resolution 2747: That the proposed revisions of the By-Laws of the Council of Trustees of the UW Hospital and Clinics, UW-Madison, be referred back to the Council of Trustees for consideration of the suggestions made in this meeting (copy on file with the papers of this meeting).

6. Two suggested resolutions regarding implementation of the Solomon Amendment were reviewed.

For the purpose of bringing the matter forward for discussion, it was moved by Regent Fish and seconded by Regent Veneman that the following resolution be adopted:

That the Board of Regents believes that proposed federal regulations (published at 48 Federal Register 3920-3926, January 27, 1983), issued by the Secretary of the Department of Education in consultation with the Director of the Selective Service, place an inappropriate and undue burden on universities to secure the implementation and enforcement of the federal statute known as the Solomon amendment; and that, without taking a position on the wisdom or constitutionality of the Solomon amendment as a matter of public policy, the Board opposes the issuance, in final form, of regulations which have not been modified so as to reduce or eliminate these improper burdens.

After discussion, Regent Schilling moved and Regent Veneman seconded that the resolution be amended to read as follows. A second paragraph, to implement the resolution, was added at the suggestion of Regent Beckwith.
Resolution 2748: That the Board of Regents believes that the proposed federal regulations (published at 48 Federal Register 3920-3926, January 27, 1983), issued by the Secretary of the Department of Education in consultation with the Director of the Selective Service, place inappropriate responsibilities and undue administrative burdens on universities to secure the implementation and enforcement of the federal statute known as the Solomon Amendment; and the Board opposes the issuance, in final form, of regulations which have not been modified so as to reduce or eliminate these improper responsibilities and burdens.

The Regents direct that copies of this resolution be delivered to all members of the Wisconsin Congressional delegation, the Secretary of the U.S. Department of Education, and the Director of the U.S. Selective Service.

Regent Fox then moved that the proposed amendment be modified to insert in the first line of the resolution, between the words "that" and "the," the words "the Solomon Amendment and."

That change in the amendment was defeated on a roll call vote, with Regents Finlayson, Fitzgerald, Fox, Gerrard, Lawton, O'Harrow and Podlesny voting "Aye" (7), and Regents Beckwith, Fish, Heckrodt, Jesinski, Knowles, Schilling, Veneman and Zirbel voting "No" (8).

The amendment to the resolution, as proposed by Regent Schilling, was then adopted on a voice vote, with Regents Finlayson, Fox and Lawton voting "No."

The question was put on the amended resolution (Resolution 2748) and it was adopted, with Regents Finlayson, Fox and Lawton voting "No."

It was stated for the record that the "No" votes cast by Regents Finlayson, Fox and Lawton were based on their view that the Board's action should have addressed the Solomon Amendment directly and urged its repeal, rather than being confined to opposing the proposed regulations for implementation.

7. Upon motion by Regent Schilling, seconded by Regent Finlayson, the following resolution was unanimously adopted:

Resolution 2749: That, upon the recommendation of the President of the University of Wisconsin System and the University of Wisconsin-Milwaukee Chancellor and Faculty Senate, the following amendment to Chapter 1.01 of the UW-Milwaukee faculty personnel policies and procedures as required under UWS 2.02 be approved:

Chapter 1.01 Strike existing Chapter 1.01(1)(b) and replace it with the following:
(1) (b) The foregoing does not deny University Faculty status to any person holding same previous to July 1, 1964. A full-time member of the teaching academic staff who has a probationary or indefinite appointment and who has voting rights in the department (4.02) and in the college or school (2.02(2)) may, subject to an affirmative recommendation by the department or its functional equivalent and approval by the faculty senate and the Chancellor, be designated as having faculty status. Faculty status means the right to participate in the faculty governance of the University. Faculty status does not confer rank or tenure, or convert an academic staff appointment into a faculty appointment.

8. It was moved by Regent Schilling, seconded by Regent Podlesny and unanimously carried that Resolution 2750 be adopted.

Resolution 2750: That, upon the recommendation of the President of the University of Wisconsin System and the University of Wisconsin-Superior Chancellor and Faculty Senate, the revisions to Chapters 3 through 7 of UW-Superior's Faculty Rules and Procedures as required under UWS 2.02 be approved.

(The amendments are on file with the papers of this meeting.)

9. The Committee received a report on the five-year review of the B.S. in Health Care Administration at UW-Eau Claire.

10. It was requested in Committee that an analysis of use and distribution of WHEG awards be prepared for discussion at the March meeting.

11. The Committee was advised that UW-Whitewater had agreed to store records of Milton College, which had closed, and to provide transcript service for former Milton students.

12. Regent Schilling moved adoption of the following resolution. The motion was seconded by Regent Zirbel and unanimously voted.

Resolution 2751: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Stanley J. Peloquin be changed from Professor, Departments of Horticulture and Genetics, College of Agricultural and Life Sciences, to Campbell-Bascom Professor, Departments of Horticulture and Genetics, College of Agricultural and Life Sciences, UW-Madison, effective immediately with no change in salary.
D. REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Vice Chairman Fish presented the Committee's report.

1. At a portion of the meeting to which all regents were invited, President O'Neil reported on the Governor's recommendations for the UW System's 1983-85 Biennial Budget.

2. Resolution 2752 was adopted unanimously, upon motion by Regent Fish, seconded by Regent Jesinski.

   Resolution 2752: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

3. It was moved by Regent Fish, seconded by Regent Jesinski and unanimously carried that the following resolution be adopted:

   Resolution 2753: That the bequest of the late Hovagim Mouradian, West Allis, Wisconsin, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Milwaukee.

4. Adoption of Resolution 2754 was moved by Regent Fish, seconded by Regent Podlesny and voted unanimously.

   Resolution 2754: That the bequest of the late Thomas L. Peterson, La Salle, Illinois, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

5. Regent Fish moved adoption of the following resolution. The motion was seconded by Regent Veneman and unanimously carried.
Resolution 2755: 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 Wisconsin Student Association to reallocate $2,500 of fiscal 1982-83 segregated fee monies to underwrite a portion of the legal expenses incurred by the Wisconsin Hall Tenant Association in its efforts to prevent unwarranted eviction and loss of services from Wisconsin Hall, be approved.

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E. REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

1. Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, Resolution 2756 was adopted unanimously.

Resolution 2756: That, upon the recommendation of the all UW System Chancellors (with the exception of UW-Green Bay and UW-Parkside) and the President of the University of Wisconsin System, the following concept and budget reports be approved, and authority be granted to plan, bid and construct, at the cost and from the funding sources indicated:

**UW-Milwaukee**

Enderis Hall Remodeling and Addition project, $2,740,000 (GPR-General Obligation Bonding) and an additional $254,000 (GPR Energy Conservation Allocation) for energy retrofit costs and $252,000 (GPR-Preventive Maintenance Funds) for new perimeter heating for a total estimated revised project cost of $3,246,000.

**UW-Superior**

Energy Modifications - Nine Buildings (Barstow Science Hall/McCaskill Hall/Hill Library/Holden Fine and Applied Arts Center/Gates Fieldhouse/University Services Center/Old Main/Erlanson Hall/Sundquist Hall) project, $1,015,500 from GPR-Supported Borrowing - Energy Conservation Allocation funds.

**UW-Eau Claire, LaCrosse, Madison, Milwaukee, Oshkosh, Platteville, River Falls, Stevens Point, Stout, Superior, and Whitewater**

Dormitory Smoke Detector Installation Project, $1,765,000, Non-GPR Program Revenues
2. Adoption of the following resolution was moved by Regent O'Harrow, seconded by Regent Fitzgerald and unanimously carried:

Resolution 2757: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, approval be granted to reduce the scope of work for the 1981-83 Arena Remodeling minor project by deleting previously included code compliance work and authorize planning, bidding and construction of an Arena Code-Compliance major project at an estimated total project cost of $271,000 from GPR-supported Capital Improvement Fund Earnings-Min. Maint./Health and Safety Allocation.

3. It was moved by Regent O'Harrow and seconded by Regent Fitzgerald that Resolution 2758 be adopted. After discussion, which will be detailed in the full minutes of this meeting, the motion was voted unanimously.

Resolution 2758: That, upon the recommendation of the UW-Parkside and UW-Stout Chancellors and the President of the University of Wisconsin System, authority be granted to increase the budgets for the following projects, by the amounts indicated, and funded by GPR-Supported General Obligation Bonding:

**UW-Parkside**

Energy Modifications - Four Buildings  
(Library-Learning Center, Greenquist Hall - Laboratory Classroom Building, Physical Education Building, Physical Plant Building) project, $38,000, for a revised estimated total project cost of $1,746,000.

**UW-Stout**

Library Learning Center project, $71,000, for a revised estimated total project cost of $6,117,800.

Bowman Hall Remodeling Project, $35,000, for a revised estimated total project cost of $2,328,000.

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

Resolution 2759: That, upon the recommendation of the University of Wisconsin-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to proceed with the final platting of the Seed Farm property so as to create thirteen single family residential lots along the south and southwest border of the property and, further,
That, authority be granted for the University to seek rezoning by the City of Madison of approximately 10 acres of the Seed Farm property for office and multi-family residential purposes on the site bordered by Eau Claire and Sheboygan Avenues.

5. Regent O'Harrow moved adoption of Resolution 2760 and the motion was seconded by Regent Fitzgerald. After discussion, which will be related in the full minutes of this meeting, the resolution was adopted, with Regent Podlesny voting "No."

Resolution 2760: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, approval be granted to plan, bid and construct the Marietta House roof repair/replacement project at a cost of $92,950 from GPR-supported Capital Improvement Funds Earnings - Min. Maint./Health and Safety Allocation.

6. Adoption of the following resolution was moved by Regent O'Harrow, seconded by Regent Heckrodt and carried unanimously:

Resolution 2761: That, upon the recommendation of the UW Center System Chancellor and the President of the University of Wisconsin System, the agreement between the Winnebago and Outagamie County Boards and the Menasha Joint School District for the instructional use of Maplewood School, Menasha, by the UW Center-Fox Valley, Menasha, be approved, with the term of the agreement being January 1, 1983 through June 30, 1991.

7. Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, Resolution 2762 was adopted unanimously.

Resolution 2762: That, upon the recommendation of each UW System Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the costs and from the funding sources indicated:

**UW-Eau Claire**

Phillips Hall Remodeling - Genetics Laboratory Project, $71,800, Non-GPR Gift and Grant Funds and GPR-Institutional Funds

**UW-Green Bay**

Electrical Service Restoration Project, $40,000, GPR-SBTF - Contingency Funds
UW-Madison

Eagle Heights Apartments Roof Modifications and Insulation Project, $175,000, Non-GPR Residence Halls Reserves

UW-Milwaukee

Heating Plant Chillers and Condensers Repair Project, $72,500, GPR-Cap. Improvement Fund Earnings - Min. Maint./Health and Safety Allocation

Building Demolition and Site Restoration Project, $15,000, GPR-SBTIF-Contingency Funds

Dock Repairs Project (Great Lakes Research Facility), $30,000, GPR-Cap. Improvement Fund Earnings-Min. Maint./Health and Safety Allocation

UW-Oshkosh

Kolf Physical Education Center Floor Damage Repairs Project, $45,000, GPR-SBTIF-Contingency (to be replaced by Non-GPR Insurance Proceeds)

UW-Stevens Point


UW-Stout

Chiller Replacement Project, $128,000, GPR-Capital Imp. Fund Earnings - Energy Conservation Allocation

UW-Green Bay, LaCrosse, Madison, Milwaukee, Oshkosh, Parkside, Platteville, River Falls, Stevens Point, Stout, Superior and Extension (Madison and Milwaukee facilities)


UW System

Small Energy Conservation Projects Program, $200,000, GPR-SBTIF - Energy Conservation Allocation Funds
8. It was moved by Regent O'Harrow, seconded by Regent Fitzgerald and unanimously voted that the following resolution be adopted:

Resolution 2763: That, upon the recommendation of the UW-Platteville and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the 1983 Campus Transportation Plans for the University of Wisconsin-Platteville and the University of Wisconsin-Stevens Point, prepared in response to Resolution 2222 which directed each campus to base its transportation planning efforts upon Section 291 er. 36.11(8m), Wisconsin Statutes, be adopted.

(The plans are on file with the papers of this meeting.)

9. Vice President Winter reported to the Committee on recommendations of the Division of State Facilities Management regarding the UW System's 1983-85 Capital Budget and on a request to the State Building Commission for reinstatement of $477,010 in the approved budget for the School of Veterinary Medicine.

10. Adoption of Resolution 2764 was moved by Regent O'Harrow and seconded by Regent Finlayson. Following discussion, which will be detailed in the full minutes of this meeting, the motion carried unanimously.

Resolution 2764: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the Merrill Hall Tower Masonry Restoration project at a cost of $45,600 from GPR-supported Capital Improvement Fund Earnings-Min. Maint/Health and Safety Allocation Funds.

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E. UNFINISHED AND MISCELLANEOUS BUSINESS

1. President Beckwith announced that Secretary Temby would contact the Board members regarding their availability to participate in a two-day retreat during the spring.

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At 10:45 a.m., the following resolution, moved by Regent Fish, seconded by Regent Jesinski, carried on a unanimous roll call vote, with Regents Beckwith, Finlayson, Fish, Fitzgerald, Fox, Gerrard, Heckrodt, Jesinski, Knowles, Lawton, O'Harrow, Podlesny, Schilling, Veneman and Zirbel voting "Aye" (15) and no regents voting "No."
Resolution 2765: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider personal histories, 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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The Board arose from closed session at 11:45 a.m., at which time the meeting was adjourned. There were no announcements.

Judith A. Temby
Secretary

February 21, 1983