

Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: September 9, 1988. 1988

Madison, Wisconsin: Board of Regents of the University of Wisconsin System, 1988

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall Friday, September 9, 1988 9:00 a.m.

- President Schilling presiding -

PRESENT:

Regents Clusen, Davis, DeLong, Boughty Luckhardt, Fish, Flores,

Gerrard, Grover, Hanson, Jarvis, Lyon, Nicholas, Nikolay,

Schilling, Vattendahl and Weinstein

ABSENT:

Regent Gundersen

Approval of Minutes

Minutes of the regular meeting held on July 8, 1988, were unanimously approved, upon motion by Regent Vattendahl, seconded by Regent Jarvis.

VTAE -

REPORT OF THE PRESIDENT OF THE BOARD

Introduction of Regent Delmar B. Delong p. |

Xug Delong, Begunt Delmar Schilling introduced Regent Delmar DeBong, who was elected President of the VTAE Board in July and succeeded Paul Hassett as a member of the Board of Regents. An attorney and President of the DeLong Company of Clinton, Regent DeLong had served in the State Legislature from 1973 to

X ref Regent Members? - Interdoction of Regnet Delman E. Delang as VTAE

Introduction of Chancellor Charles W. Sorensen, UN-Stout

President Schilling introduced Charles Sorensen, who was attending his first Regent meeting as Chancellor of UW-Stout.

w that staff - (some)

Report of the State Superintendent of Public Instruction

Announcing Formation of the UWS/DPI Admissions Communications Task
Force, Regent Superintendent Grover noted the importance of clear
communication among high school guidance counselors and university
admissions directors regarding the new college admission standards. There
was some confusion, he added, in terms of what would constitute an English
course and what science courses would be acceptable. There were also
terminology issues to be addressed. The task force, jointly appointed by
Regent Grover and President Shaw, was to hold its first meeting September 22
and to report in January. That report was expected to provide a joint,
agreed-upon statement regarding admissions, which would be used by high
school guidance counselors and university admissions officers throughout the
state.

Camerine.

Regent Grover introduced the co-chairs of the task force: Dr. Karl Hertz, Superintendent of the Mequon-Thiensville school district, and Dr. Albert Beaver, UW System Assistant Vice President for Academic Affairs.

Dr. Hertz reported that the following task force members would represent elementary/secondary education: Ms. Sue Todey, Supervisor of Guidance in the Green Bay Public Schools; Mr. James Blank, President of the Wisconsin Education Association Council; Mr. Gerald Freitag, Principal of the Sheboygan South High School; Mrs. Harriet Jelinek, Immediate Past President of the Wisconsin Association of School Boards and a school board member in Rhinelander; Dr. Arnold Chandler, Director of the Bureau for Program Development of the Department of Public Instruction; Dr. William Erpenbach, Director of the Bureau for Pupil Service of the Department of Public Instruction; and ex officio member Mr. Ed Walker, of the Wisconsin Association of Vocational Agriculture Instructors.

Dr. Beaver reported that the following were UW System members of the task force: Dr. Marshall Wick, Chair of the Department of Mathematics, UW-Eau Claire; Mr. Myron Van de Ven, Director of the Office of Admissions, UW-Green Bay; Dr. William Lenehan, Professor of English, UW-Madison; Ms. Beth Weckmueller, Director of the Office of Admissions, UW-Milwaukee; Dr. Thomas Snider, Assistant Vice Chancellor of the Office of Enrollment Management, UW-Oshkosh; Dr. Sue Andrews, Associate Professor in the Department of Psychology, UW Centers; and ex officio member Dr. Lee Halgren, Vice Chancellor of UW-Platteville.

Regent Grover observed that one of the important issues of contemporary education was the area of relationships between elementary/secondary education and higher education. In Wisconsin, he thought these relationships were more harmonious at this time than in past years, and he expressed appreciation to President Shaw and Vice President Trani for the efforts that were being made.

Report on the September 8, 1988, Meeting of the Council of Trustees of the UW Hospital and Clinics

Apptal, Crurch of Lucion - Reporting on the Soptember 8 meeting, Regent Flores, Chair of the Council, noted that New members were Regent Doughty Luckhardt, Vice —

President Poellnitz, and Regent Weinstein, who had served on the Council in the past and had rejoined the Council as Vice Chair, pp 2-3

Vice Chancellor Noren provided an update on the status of the proposal for leasing medical office space, which was discussed at length by the Council. Following discussion, a motion approving the project was passed. It was determined that the facility would be needed to accommodate a large increase in ambulatory care at the hospital and to provide needed space for teaching and research for several major clinical programs. Dr. Noren noted that planning for the project had been in process for the past 18 months and that the project had been commended by the State Building Commission as an example of innovative cooperation between the university and the private sector.

Description

**Descript

Representatives of a private consulting firm presented results of an independent financial audit of the hospital for fiscal year 1987-88. The auditors found the hospital's financial and accounting system to be sound and commented on several trends affecting the hospital's financial situation. They noted a positive trend in revenue over expenses and suggested it would become increasingly important for the hospital to build a cash reserve to meet capital and other expenditure needs. The auditors also commented on the sizeable increase in deductions from revenue which were largely attributable to shortfalls in medicare and medicaid reimbursement and which were a major factor of the rate increase approved in July. The increase in deductions from revenue for the fiscal year was 237 percent, slightly more than \$8 million.

An update on patient activity was provided by Superintendent Derzon, who reported that August was a particularly busy month for the hospital. As a result, patient days were up 3.6 percent and admissions were up one percent over the same two-month period a year ago. Outpatient and emergency room activity also was running ahead of budget estimates.

Mr. Derzon and Deputy Superintendent Lester Brown presented an introduction to the hospital's planning and budget processes which would be addressed in depth at subsequent Council meetings.

Reporting that the hospital was currently formulating a new long-range strategic plan, Regent Flores added that the Council of Trustees, the chancellor and the system president would collaborate in the appointment of a committee, with representatives of the university and the Council of Trustees to oversee this long-range planning process. Mr. Brower described the history of long-range planning at the hospital and noted that the 1982-87 long-range plan accurately predicted many of the trends the hospital had experienced in the last five years.

In conclusion, Regent Flores noted that the Council reviewed and approved several revisions to the medical staff bylaws and approved new appointments to the medical staff.

In discussion at the board meeting, Regent Weinstein pointed out that, although the auditors said cash reserves were dangerously low, the practice was for the state to take away any reserves that were accumulated. He urged that efforts be made to reach agreement with the state on a specified level of cash reserves to be maintained.

Requesting that a chart provided to the council on medicare/medicaid reimbursements be distributed to all regents, Regent Weinstein said the chart showed that medicare and medicaid reimbursements were lagging, not only behind hospital costs around the nation, but also behind inflation. This resulted in a "deduct from revenue" situation, which constituted a dangerous problem. Added to that deficit was the fact that the state's contribution to the hospital had remained at \$2 million, with no increase in the past ten years.

Regent Flores added that not only were cash reserves needed to operate the hospital, but also a fund was needed to make capital improvements. There was currently no money in that fund.

HEAB - Report on 7/22/88, meeting, P. 4

Report on the July 22, 1988, Meeting of the Higher Educational Aids Board

Regent Schilling noted that the written report on this meeting had been distributed with the agenda material.

administrative Code

Scheduling of Hearing on Proposed Amendment to s. UWS 6.02, W1s.

Admin. Code, R 5029, pp 4-5

Presenting this agenda item, President Schilling stated that the proposed amendment to UWS 6.02 would permit the board the option of considering a grievance upon petition of the faculty grievant, when institutional grievance procedures had been exhausted and when the board deemed its involvement appropriate. This was consistent with UWS 6.01, which gave the board the option of reviewing a complaint against a faculty member. Regent Schilling then read a letter from Gloria Toivola, President of The Association of University of Wisconsin Professionals, which urged that the board defer action, to allow more time for faculty comment on standards for review of personnel matters. These standards were set forth in proposed amendments to the bylaws of the Board of Regents.

It was pointed out by President Schilling that the intent was to schedule the hearing on the UWS 6.02 amendment for November and to defer until November action on the related issue regarding a proposed bylaw change that would incorporate standards of review. This timetable was designed to provide ample opportunity for faculty and institutional reaction.

Resolution 5029 was moved by Regent Davis, seconded by Regent Nicholas and carried unanimously.

Resolution 5029:

That the Secretary of the Board of Regents be directed to file a notice of hearing with the Revisor of Statutes for inclusion in the Wisconsin Administrative Register, the purpose of the hearing being to consider the adoption and amendment, pursuant to sec. 36.13(3), Stats., of rules in Chapter UWS 6, Wisconsin Administrative Code, relating to University of Wisconsin System faculty grievances, said hearing to be held in Room 1820 Van Hise Hall, 1220 Linden Drive, in the City of Madison, Wisconsin, on the 10th day of Movember 1988, at 10:30 a.m.; and further, that the Secretary of the Board be directed to submit the proposed rules to the Legislative Council for review and comment pursuant to sec. 227.15, Wis. Stats., in advance of the hearing.

Degut Bylans -)

Amendments to Board of Regents Bylams to Create a Standing Personnel Matters Review Committee and to Specify its Duties

President Schilling presented for first reading proposed bylaw amendments which would create a standing Personnel Matters Review Committee and specify its duties. The amendments were intended to establish a clearly defined process for handling requests received by the board for review of personnel matters, including standards for determining whether the regents should review a particular case. The intention would be to return the draft amendments to the agenda in November for a second reading and possible action at that time. The hearing on UWS 6.02 amendments would be held at the same time.

Regent Weinstein stated his support for the proposed bylaw amendments.

President Schilling referred to a written statement he had received from Gloria Toivola, President of TAUWP, and asked that copies be distributed to the regents.

Regent Fish asked if the last sentence on page 11 was correct in all cases. The sentence stated that the committee shall prepare recommended findings and decisions and shall transmit them to the full board for final action. While he intended to support the amendment, he asked for clarification of this matter.

President Schilling thought the word "may" could be substituted for "shall." The intent was that, while the committee might be delegated hearing responsibilities, it would not take final action without board approval. Its actions would only be recommendations to the board.

Regat Committees - (some) Begat Committees - Resonal Matters Denew - (some)

Reynts - Study Series Gentle Synta - Schedule for Upcoming Agenda Items

It was announced by President Schilling that the Semi-annual update on implementation of the Regents' Strategic Plan for the Future was to be scheduled for the October meeting and that reports while continue on a six-month basis, P.6

He also announced that he and Vice President Lyon had been developing a list of agenda items to be addressed in the coming year and had met with President Shaw to coordinate goals and objectives. A chart of matters scheduled to come before each of the standing committees and the full board was being prepared for distribution to the regents.

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Upon motion by Regent Fish, seconded by Regent Davis, Resolution 5030 was unanimously adopted.

Resolution 5030: That the report of nonpersonnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report

be approved, ratified and confirmed.

Hees - Bockgundon News, Educational Savings Bond program, pp 6-8

Educational Savings Incentive Program

As background, President Shaw noted that at the June meeting, the board accepted a report which responded to a legislative mandate to study a prepaid tuition trust fund for the UW System. This report, which was submitted to the Department of Revenue and the State Investment Board for review, recommended that the state not enact a prepaid tuition plan. Nevertheless, the statutes required that the two agencies work with the UW System in submitting draft legislation to implement such a plan should the Legislature decide to do so. The draft legislation would be carefully constructed to provide necessary safeguards to limit financial risks and administrative burdens as much as possible.

while the report did not recommend implementation of a prepaid tuition plan, it did recommend consideration of an educational savings incentive program to encourage people to save early for higher education. There had been interest by state government leadership, including Governor Thompson, Speaker Loftus and Representative Schneider, in the development of a practical means to lessen the financial burden of higher education on students and their families.

Bonds, Education Sarriege -

Xuf

Planning and saving would become increasingly important for three reasons: First, in their absence, rising costs would result in an ever-larger debtor society; second, educational savings could help ensure a properly educated work force for Wisconsin; and third, an educated citizenry would be essential for Wisconsin's intellectual and economic well-being.

Since June, various approaches enacted by other states had been analyzed in order to learn from successes and to avoid common pitfalls. Based on that analysis was the preliminary judgment that a savings bond program would be the best way to serve the state's citizens. Such a program, tied to the funding needs of the state's capital budget, would benefit both the individual savers and the state as the borrower.

President Shaw thanked Regent President Schilling for his active support, for his expertise and for his willingness to commit time in helping to craft a proposal for a Wisconsin Educational Savings Bond Program. The proposal would authorize a program whereby the state would raise part of its capital needs through the issuance of bonds designed as a college savings tool for middle— to low—income families. The bonds would be "zero coupon" bonds which would increase in value the longer they were owned, rather than paying periodic interest. For example, a bond worth \$1,000 at its maturity might be purchased for \$300 or \$400. The owner of the bond could use it for educational purposes prior to maturity by cashing it in for its value at any institution of higher education. The return on the bonds would be exempt from both federal and state income taxes.

This kind of educational savings incentive would enable parents, families and students to plan for college, while at the same time investing in the economic future of Wisconsin. While many details remained to be worked out, Presidents Shaw and Schilling wished to share their enthusiasm for a plan that seemed workable, that had been tried in a number of states, and that they felt could be fashioned into a tool for savings which would help families in the future.

Noting that on September 2, Speaker Loftus announced a similar program in which the bonds would be exempt from state income tax, Regent Weinstein asked if bonds under that program also would be exempt from federal income tax and if the UW System was working with Speaker Loftus in support of his program.

President Schilling replied that they had been working in tandem with Speaker Loftus' staff and that his proposal would be double tax exempt. The objective was to develop a mutually supported program. There were some subtle differences between the proposals, one question being which institutions would participate in the program—the UW System, private institutions, the VTAE System. Noting that criteria similar to the guaranteed student loan program had survived the test of time, he observed that private institutions were keenly interested and that it was likely that the proposal would be a program whereby the bond could be redeemed either at a public or private institution in Wisconsin.

Indicating that the process would be to submit the proposal as part of the UW System's budget request, President Shaw said the intention was to work closely with Speaker Loftus, and that he expected their goals to

converge. The intention was to develop a plan supported by all parties. Predicting that it would be well received, he added that the Governor and his staff supported the idea, in general terms. While the exact means of interfacing with Speaker Loftus' proposal remained to be worked out, the assumption was that the interested parties would move forward together.

Noting that Speaker Loftus could introduce legislation at any time, Regent Weinstein felt the proposal should be set forth prior to the budget request.

Regent Schilling emphasized that the approach was to work with all those who were interested -- not only Speaker Loftus' staff, but also the Governor's staff. One of the earliest meetings was in March with the state's capital finance director. The hope was for a convergence of interest, with a proposal to be introduced in November.

Regent Nicholas stated his strong support for the idea and his hope that a plan would be enacted by the Legislature. He expected that the board would be united in that view.

System Institutions' Recent Accomplishments

UW-Stout - award received from NACUBO, P. 8

It was announced by President Shaw that UW-Stout had received a national award for a program designed to increase efficiency and reduce costs in its business office operations. The award was granted through the cost reduction incentive awards program sponsored by the National Association of College and University Business Officers (NACUBO) and the U.S. Steel Foundation. UW-Stout's winning application, developed by Assistant Controller Diane Moen, involved a computer programming project through which the university ordered and paid for equipment, supplies, services, travel and other nonpersonnel items. A cooperative effort involving purchasing, accounts receivable, general accounting and the administrative computer center, the project resulted in considerable savings at UW-Stout. UW-Stout would be asked to share this approach so that other UW-Stevens Point - Empater software awards institutions also might use it to effect efficiencies.

The winners of a national competition to promote the creation and use of instructional software, announced at a recent national meeting and reported in The Chronicle of Higher Education, included two from the UW System--one from UW-Stevens Point and the second from UW-Madison.

The best writing software award was given to a program written by Professor William Wresch of the Mathematics and Computer Science Department at UW-Stevens Point. Called "The Writer's Helper," it contained material to help students improve their writing, including such exercises as brainstorming, listing, identifying passive verbs and outlining.

awards - award to UW- Strat from NACUBO and to UN-Madrin & VW- Stores Point for computer softwar, pp 8-9

UW-Madison

The second award was given to Professor David Griffeath and Research Assistant Bob Fisch, of the UW-Madison Mathematics Department. They were cited for the best mathematics software and best integrated software approach. The package, with the acronym GASP, contained 48 lessons that integrated tutorial features with simulation and game-like features dealing UW-Platteville - Bronge slake fr with the nature and theory of probability.

Professor Bud Wall of UW-Platteville and his team of students recently completed a one-and-a-half year project, to cast a bronze statue that would be the centerpiece of the Wisconsin Vietnam Veterans Memorial & Designed by former UW-Platteville Art Professor Robert Kanyusik, the statue, entitled "The High Ground," would be placed on the memorial site in Neilsville, p. 9 Wisconsin, for dedication on September 18.

It was a pleasure, President Shaw stated, to convey the recognition being given by others to the UW System's highly dedicated faculty and staff.

Comments on Fall Enrollment Numbers

Noting that the fall enrollment report was planned for October, President Shaw said it was expected that the overall enrollment management target, as defined by the FTE goals, would be reached, with some institutions exceeding their targets slightly and others being beneath their targets.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

Approval of Design Report for Radio Hall Substation, 5031, pp 9-10

The committee unanimously approved the design report for the Radio Hall Substation project, which consisted of a new underground electrical substation near Radio Hall to serve the northeast campus area.

Regent Nikolay moved and Regent Doughty Luckhardt seconded the following resolution, which was adopted unanimously by the board:

Radio Hall? - (Done)

Resolution 5031:

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Design Report be approved for the Radio Hall Substation project and authority be granted to prepare final plans and specifications, bid, and construct the project, at an estimated project cost of \$1,746,000 of General Fund Supported Borrowing funds.

Bedget Louf

UW-Madison: Approval of Design Report for Research Park Roads and

Utilities, R 5032, P.10

And Park Tolds - Committee approval of the design report for the Research Park roads and utilities project, to be constructed in the phase of funds become available. The first phase to be in two phases, as funds become available. The first phase, to be constructed immediately at a cost of \$586,336, would accomplish both rough and finish grading extensions to Science Drive and installation of water mains and sanitary and storm sewers. The second phase, estimated at \$820,664, would complete the development of Science Drive and provide street improvements to Whitney Way and Tokay Boulevard. Changes in the layout of streets resulted in a revised total project cost of \$1,407,000approximately \$900,000 lower than the project cost of \$2,350,000 enumerated in the 1987-89 capital budget.

> Resolution 5032 was unanimously adopted by the board upon motion by Regent Nikolay, seconded by Regent Doughty Luckhardt.

Resolution 5032:

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to bid and construct the 1987-89 University Research Park Roads and Utilities project, at a cost of \$1,407,000. This project will be completed in two phases. The first phase will proceed immediately at an estimated cost of \$586,336, to be paid for by Program Revenue available in cash receipts from land lease income in the Research will proceed as funds become available. Park. The remainder of the project, at \$820,664,

UW-La Crosse and UW-Milwaukee: Approval of Henlth, Safety and Environment/Program Revenue Funded Major Projects \$5033,

Xief UW-Melmankae - Bedget Lid Come The committee unanimously approved a project which, as part of a statewide program, would update building fire alarm systems and provide additional emergency control and fire detection devices at UW-La Crosse and UW-Milwaukee. Requests for similar projects at all remaining campuses would follow as funds become available.

> Upon motion by Regent Nikolay, seconded by Regent Gerrard, the following resolution was adopted unanimously by the board:

Resolution 5033:

That, upon the recommendation of the UW-LaCrosse and UW-Milwaukee Chancellors and the President of the University of Wisconsin System, authority be granted to bid and construct a 1987-89 Fire Alarm/Smoke Detection Systems Renovation project, at a total cost of \$1,105,200 from the following funding sources:

a) 1987-89 General Fund Supported Borrowing - Health, Safety and Environment Program funds:

b) Program Revenues:

\$ 669,600

435,600 \$1,105,200

Total:

UW-River Falls Approval of Health, Safety and Environment/Program Revenue Funded Major Project

Regent Nikolay reported unanimous committee approval of the Ames Teacher Education Center asbestos abatement project at UW-River Falls, which would remove asbestos-containing ceiling material installed throughout the center at the time of its construction in 1962.

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

Resolution 5034:

That, upon the recommendation of the UW-River Falls Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct a 1987-89 Ames Teacher Education Center Asbestos Abatement project, for an estimated total project cost of \$532,000 from 1987-89 General Fund Supported Borrowing - Health, Safety and Environment = R 5034, pp 11-12 Program funds.

Referring to a background paper on the project, Regent Fish expressed concern about the sentence which read: "An O & M program may include enclosure and encapsulation." He asked if any asbestos encapsulation was included in this project. Hanadors Malarish - (Dane)

Regent Nikolay replied that there would be no encapsulation, and Vice President Brown added that the sentence referred only to the decision-tree process to be followed in accordance with EPA guidelines on asbestos projects.

Regent Davis asked if there was an asbestos removal program for the UW System as a whole.

While there was not such a program at the present time, Vice President Brown anticipated bringing a request to the next meeting for funds to survey all UW System facilities, to determine where there was asbestos, what condition it was in, and what management program should be adopted to deal with it. The survey of all 1,800 buildings would cost about \$2 million.

Put to the vote, Resolution 5034 was adopted unanimously by the board.

UW-La Crosse: Approval of Land Acquisition

The committee considered a request for authority to purchase two properties for UW-La Crosse, both of which were located within the approved campus development plan boundary. Acquisition of these properties would allow the university to complete access and circulation development, along with internal street and alley vacations designated for this entire, centrally-located block. The committee approved Resolution 5035 on a 2-1 vote.

It was moved by Regent Doughty Luckhardt and seconded by Regent Gerrard that the following resolution be adopted by the board:

Resolution 5035: That, upon the recommendation of the UW-LaCrosse Chancellor and the President of the University of Wisconsin System, Authority be granted to purchase two adjacent improved properties (0.26 acres) at 1527 and 1531 Badger Street, in the City of LaCrosse, at an estimated total cost of \$89,100, including appraisals, closing, and relocation costs, using 1987-89 General Fund Supported Borrowing - Advance Land Acquisition Contingency funds.

Explaining his vote against the resolution, Regent Nikolay commented that, when there was no immediate need for properties, they probably could be obtained for much less cost if they were not purchased as soon as they were offered for sale.

Put to the vote, <u>Resolution 5035 was then adopted</u> by the board, with Regent Nikolay voting "No."

Www.Madison: Approval of Lease with Option to Purchase Medical Office
Space, R 503C, Pp 12-13

Regent Nikolay reported unanimous committee approval of the request to lease, with the option to purchase, medical office space for the UW-Madison Hospital and Clinics and the Medical School. Three proposals were received, all of which involved new construction built to university specifications. The proposal deemed most favorable for identified needs would be located at University Station, a new development within one-half mile of University Hospital. Hospital Council of Trustees Chairman Regent Ness Flores advised the committee that the council had reviewed and approved the lease proposal.

It was moved by Regent Nikolay and seconded by Regent Nicholas that the following resolution be adopted by the board:

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X ref Meseral School - (ourse)

Bldgs + Lad-

Resolution 5036:

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to enter into the following lease agreement, which includes an option to purchase, 54,178 square feet of Medical Office Space, to be constructed at 2880 University Avenue, Madison.

Source of Funds: University Hospital and Clinics and

Medical School Operating Funds

Lessor: Flad Development and Investment Corporation

4200 University Avenue, Suite 2110

Madison, Wisconsin 53705

In response to a question by Regent Fish, Vice President Brown indicated that taxes would have to be paid on facilities rented by the university.

Regent Fish asked if any future decisions to exercise the option to purchase would be included in a capital budget request and Mr. Brown replied in the affirmative. He added that the law required enumeration of a property to be purchased in lieu of construction. Purchase of the space might be requested in the 1991-93 biennium.

Regent Davis asked whether the Council of Trustees had reviewed or approved a multi-year space plan for the hospital and clinics.

Replying that there existed a long-range plan that included space needs, Regent Flores added that the process currently was under way to establish a new five-year, long-range plan which would include any additional building. The last five-year plan had anticipated that additional space might be needed for ambulatory care in the clinical program.

Although the lease contained an escalator clause, Regent Nikolay explained that he would nonetheless support the lease because there was an option to purchase which could be exercised before the escalator clause took effect.

Regent Flores noted that most long-term leases included an escalator clause for inflationary reasons. For the first five years, the rate would remain the same. In the sixth year, it would increase one half the rate of inflation over the previous five years and, thereafter, one half of the rate of inflation for the preceding year.

Put to the vote, Resolution 5036 was then adopted unanimously by the board.

Budget wiereas approval for

UW-Platteville: Student Center Remodeling and Addition, Sudget > 25037

PP 13-14

The committee unanimously approved a \$60,000 budget increase for the Student Center remodeling and addition at UW-Platteville, in order to accept

three alternates included in the August 9, 1988, rebid. Bids received February 23, 1988, were approximately 30 percent over the construction estimate, which resulted in the redesign and rebid decision. The postbid budget permitted all base bids to be accepted and awarded, leaving a balance of \$17,770. The additional \$60,000 would be needed to fund the alternate bids.

Upon motion by Regent Nikolay, seconded by Regent Jarvis, Resolution 5037 was unanimously adopted by the board.

Resolution 5037: That, upon the recommendation of the UW-Platteville Vice Chancellor and the President of the University of Wisconsin System, authority be granted to increase by \$60,000 the project budget for the Student Center Remodeling and Addition project, from \$609,000 to a revised budget of \$669,000, from Program Revenue funds.

Approval of Minor Projects

Regent Nikolay reported unanimous committee approval of the following resolution and moved its adoption by the board. The motion was seconded by Regent Doughty Luckhardt and unanimously carried.

Resolution 5038: That, upon the recommendation of the UW-Madison,
UW-Oshkosh and UW-Superior Chancellors and the
President of the University of Wisconsin System,
authority be granted to plan, bid and construct the
following minor projects, at the cost and from the
funding sources indicated. Funding is summarized as
follows:

Program Revenues \$1,078,000
Minor Projects Allocation 475,000
Removal of Architectural Barriers Allocation 225,000
\$1,778,000

UW Madison Bedget Land - approval

-- Eagle Heights Apartments Buildings 601, 606, 607

Eagle Heights Apartments Buildings 601, 606, 607 and Nos. 929-30-31 and 932-33-34 Remodeling, \$950,000, Program Revenue funds

Micro-Computer Laboratories, \$240,000, General Fund Supported Borrowing Minor Project Allocation

Vilas Communication Hall Handicapped Access, R 5038, P.14
\$225,000, General Fund Supported Borrowing Removal of Architectural Barriers Allocation

Husung - approvaly > R 5038, P. 14

Vilas Hall-

UW-Oshkosh-Bedget Lad- Eggrand

-> Clow Classroom Psychology Remodeling, \$235,000, General Fund Supported Borrowing - Minor Project Allocation

UW-Superior-Bedget Fad - approved R 5038, 1914-15

-- Ross Residence Hall Remodeling, \$128,000, Program

Report of the Vice President

Vice President Brown's report to the committee included the status of projects and actions of the State Building Commission at its August 2 and August 24, 1988, meetings.

Closed Session

The committee recessed into closed session for the purpose of considering personal histories related to the naming of a facility, as permitted by section 19.85(1)(f) of the Wisconsin Statutes.

Funding Sources for Capital Projects

Regent Davis requested a paper or presentation describing the various funding sources for capital projects.

President Schilling stated that a presentation on this topic would be provided to the board.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

The committee's report was presented by Chairman Nicholas.

Approval of Gifts, Grants and Government Contracts

Vice President Poellnitz reported that gifts, grants and contracts for the two-month period ending August 19, 1988, totaled \$122.2 million, or \$26.4 million more than the same period last year -- a difference due largely to timing in reporting federal student financial aid receipts. In 1988-89, institutions were instructed to report their federal student financial aid at the September meeting, whereas previous reporting had been scattered throughout the fiscal year. A combination of a \$29.8 million increase in

student financial aid, a \$1.5 million decline in research and a \$1.7 million decline in instruction accounted for the majority of the change from the previous year.

The non-federal share remained relatively constant, increasing by \$200.000. It was noted that non-federal receipts included an award of \$651,400 from EBASCO. The total award to date from EBASCO to UW-Madison for development of a superconductive magnetic energy storage model was \$1,070,400 on a total project cost of \$2,675,000.

Resolution 5039, which was unanimously approved by the committee, was moved by Regent Nicholas, seconded by Regent Fish and adopted unanimously by the board.

Resolution 5039:

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.

Bequest of Florence Fuchs, R 5040, P.15

Regent Nicholas reported unanimous committee approval of the following resolution and moved its adoption by the board. The motion was seconded by

University of Wisconsin System, the bequest of the late Florence S. Fuchs, Reedsburg, Wisconsin be accepted by the Board of Regents in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the McArdle Laboratory for Cancer Research, UW-Madison.

> (Paragraph Three states: All of the rest of the property which I own at my death, including any lapsed gifts, I give in equal shares to the following. Unless other wise, specified, I intend no use or trust. (c) McARDLE LABORATORY FOR CANCER RESEARCH, Madison, Wisconsin.)

McArdle Laboratory's one-fourth share is approximately \$237,000.

Board of Regents Meeting Minutes 9/9/88

Current Management

Current Management

Annual Report on Enrollment Management for Legislating R 504b p.17

The committee reviewed the second annual Report on Enrollment Capacity Management, which showed that fall 1987 enrollments were 2,626 full time equivalent (FTE) students less than fall 1986. Generally, changes at each institution were close to the target. Three of the institutions scheduled for increases achieved their goal: UW-Green Bay, the UW Centers and UW-Superior. UW-Parkside, however, experienced reduced enrollments rather than the scheduled increase, while UW-Whitewater experienced an enrollment increase rather than the scheduled decrease.

It was anticipated that the institutions would move toward their fall 1990-91 targets during the 1988-89 fiscal year. The systemwide goal continued to be a reduction of 7,000 FTE by fall of 1990-91. Enrollment targets for the next two years were included in the report.

Adoption by the board of Resolution 5041, which was unanimously approved by the committee, was moved by Regent Nicholas and seconded by Regent Fish.

Resolution 5041: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the Annual Report on Enrollment Capacity Management for submission to the legislature as required by 1987-89 state biennial budget [Section 36.11(20)].

Regent Weinstein pointed out several corrections to be made on the charts which were distributed in the agenda materials. It was directed that the corrections be incorporated in the report to be submitted to the Legislature.

Put to the vote, Resolution 5041 was adopted unanimously by the board.

Investment of Investment Managers, R 5042, pp 17-18

Reporting on this item, Regent Nicholas noted the agreement with the Governor that the UW System would use the Request for Proposal (RFP) purchasing process to select new investment managers when the existing contracts expired. A subcommittee of the Regent Business and Finance Committee was appointed to prepare the RFP and to evaluate the responses.

Of the 80 investment management firms responding, those whose past performance put them in the top two quartiles were evaluated by the subcommittee. Fifteen firms were interviewed by the subcommittee and five were selected. The subcommittee members, including Regents Fish, Jarvis, Lyon, Nicholas and Vattendahl, devoted a great deal of time and effort to the review process. While Regent Fish abstained from participation in the interviews and the vote on firms to be selected, he participated fully to that point and contributed much to the review process. A summary of the review and the names of the selected firms was forwarded to the Department of Administration (DOA) for approval, and the DOA subsequently authorized the UW System to enter into three-year contracts with one year renewal options for the selected managers.

The committee members present at the interviews passed Resolution 5042, which was brought to the full committee for reaffirmation in order to bring it before the board. With Regent Fish abstaining, the committee approved the resolution.

Adoption by the board of the following resolution was moved by Regent Nicholas and seconded by Regent Nikolay:

Resolution 5042: That, upon the recommendation of the President of the University of Wisconsin System and the Regent Business and Finance Committee, the Trust Officer or Assistant Trust Officers with the approval of the Department of Administration be authorized to sign agreements for contractual services as investment counsel the firms of Federated Investment Counseling, Loomis-Sayles & Co., Lieber & Co., Marshall & Ilsley, and Morgan Stanley Asset Management for the period October 1, 1988 through September 30, 1991, with a one year renewal option to September 30, 1992 (in accordance with RPA GG-6618).

In response to a question by Regent Clusen, Regent Fish explained that the review resulted from a statutory requirement that the bidding process be conducted on a periodic basis and not because of dissatisfaction with current advisors. Two of the firms recommended were current advisors, while three were new.

Noting the Governor's preference for hiring Wisconsin firms, Regent Nicholas indicated that two of the firms—Loomis—Sayles and Marshall and Ilsley—were located in Milwaukee. The main objective was to select firms which would provide a strong investment return for the trust funds.

Put to the vote, Resolution 5042 was adopted by the board, with Regent Fish abstaining.

Compensation'

Report on 1988-89 Unclassified Pay Plan Adjustments, Pp 18-19

Assistant Vice President Jensen summarized for the committee the 1988-89 salary adjustments for unclassified faculty and academic staff. The state pay plan authorized 2 percent salary increases which could be used for merit, retention or across-the-board increases. Regent Resolution #3833 mandated that the pay plan be distributed on the basis of merit, with no funds allocated to anyone with a less-than-satisfactory performance. The report showed that 4 percent received no increase, 7 percent received more than a 3 percent increase and 67 percent received between 1.5 percent and 2.5 percent.

It was noted that average salaries of peer institutions increased by 3.1-4.1 percent more than salary averages for UW institutions in 1987-88.

While data on 1988-89 salary averages for peer institutions would not be available until early 1989, it was expected that increases again would exceed UW System increases by 3-4 percent.

Report on 1987-88 Base Salary Adjustments to Recognize Competitive Factors required by s. 36-09(1)(j), Wis. Stats.

R 50/3, P. 19

''-- 'manimous committee approval of Resolution 5043, Regent factors. Nicholas noted that Sections 36.09(1)(h) and 36.09(1)(j) of the statutes authorized granting salary increases to recognize competitive factors. Generally, the increases had been made to retain professors in the UW System. By October 1 of each year, the board must report to the Joint Committee on Finance and the Departments of Administration and Employment Relations the amount of such pay increases granted and the institutions granting the increases for the fiscal year ending June 30.

> During 1987-88, salary adjustments of approximately \$175,000 were made to 40 individuals, compared to about \$49,000 to ten individuals the preceding year. The smaller number in 1986-87 was due to the availability of catch-up funding for this purpose.

Salares (sane) Upon motion by Regent Nicholas, seconded by Regent Jarvis, the following resolution was adopted unanimously by the board:

Resolution 5043: That the Report on 1987-88 Base Salary Adjustments to Recognize Competitive Factors Required by Section 36.09(1)(j), Wisconsin Statutes, be accepted for transmittal to State Officials.

Juanaal aid-

Report on Recent Federal Changes in Student Financial Aid Eligibility, 77 19-20

Vice President Poellnitz informed the committee that recent changes to the methodology for determining student financial aid eligibility had a significant impact on certain students this year. While the total pool of funds remained about the same, the funds had become more difficult to access. With the new methodology, dependent students were expected to contribute the greater of 70 percent of the prior year's earnings or \$700 for freshmen and \$900 for continuing students. Under the old methodology, they were expected to contribute either \$700 or \$900. Independent students with dependents have been affected conversely. Previously, the entire budget for two people was taken into consideration. Now, only the budget for a single student was being considered, resulting in more aid.

UW System students were receiving aid in the form of grants, loans and work programs totaling over \$200 million, almost 90 percent of which was from the federal government. Accordingly, federal regulations dominated the award process. A chart outlining the breakdown of expenses of an average resident undergraduate dependent student living on campus was also distributed.

Mr. Wallace Douma, Director of the Office of Student Financial Aid at UW-Madison, provided examples of how the changes in federal regulations affected student awards, by showing the differences in the award calculations under the old and new methodologies.

In discussion at the board meeting, Regent Weinstein referred to the paper which had been distributed regarding financial aid and the new methodology, which showed that computed need/aid for a dependent student, in the example given, decreased approximately \$1000, while need/aid for a self-supporting student with dependents increased by \$3870. He asked that information be provided, before consideration of tuition rates, regarding the impact of financial aid changes on dependent students, self-supporting students with dependents, and self-supporting students without dependents, including the number of students in each category.

Vice President Poellnitz indicated that award amounts varied widely. Complete data were not yet available but would be provided when final figures were computed. The report at the meeting was intended only to provide preliminary information on the changes which had occurred.

President Schilling agreed that financial aid information should be available when tuition proposals come forward.

Regent Nikolay concurred, stating that, when tuition was raised the preceding year, it was noted that there would be more student aid money available to compensate for the increase. This year, information from the Higher Educational Aids Board (HEAB) indicated that there generally would be less money for student aids than in the past.

Regent Schilling recalled that there had been earlier discussion about inviting Jon Litscher, the Executive Director of HEAB, to comment on HEAB programs and what aids were available, in light of tuition increases.

Regent Nicholas remarked that financial aid program increases were keeping up with inflation, which represented the total of all cost increases, not just tuition.

With regard to the new methodology, Regent Fish pointed out that it would be difficult to compute meaningful averages because, unlike past years in which an average figure was reasonably applicable to most students, the changed formula would result in so wide a divergence in awards that an average would be meaningless. While the total amount of federal student aid dollars would be somewhat higher than last year, the regents were likely to hear from students who received less under the new formula, but not from those who received more. Overall, he felt the committee considered the new formula an improvement, because it took into account actual income, recognizing that some students have more opportunity to earn than others.

Report of the Vice President for Business and Finance

Concluding the report of the Business and Finance Committee, Regent Nicholas stated that the committee was reminded by Vice President Poellnitz of the computer sale to students which had been scheduled by UW Madison.

Both IBM and Apple authorized dealers were given an opportunity to participate. He assured the committee that this sale fit within UW System guidelines and would aid students in obtaining a computer at a favorable price.

It was reported that the reserve for revenue shortfall and other contingencies was estimated to be \$1,351,000. Final carry-forward figures were to be available at the October meeting.

Closed Session

The committee recessed into closed session to consider trust fund matters, as permitted by s.19.85(1)(e), Wis. Stats.

REPORT OF THE EDUCATION COMMITTEE

Chairman Grover presented the report, noting that the first agenda item was considered at a portion of the meeting in which all regents had been Excellence, Contain of - Dosignations of campus centers, pp 21-30 invited to participate.

Centers of Excellence

At the committee meeting, President Shaw presented the list of 49 programs recommended for designation as Centers of Excellence. The concept of Centers of Excellence was set forth as part of the regents' strategic plan for the future, adopted in 1986. Noting that those selected had survived an intense competition for designation as Centers of Excellence, he stated that others advanced by the institutions would continue to be recognized as areas of strength on their respective campuses. He then gave brief descriptions of some of the programs recommended as Centers of Excellence.

Chancellor Marshall described the internal process utilized by UW-Stevens Point to select those programs to be submitted to system administration for consideration. Through the process, he stated, consensus had been reached across the campus on priority programs which would be supported now and in the future. The deans had agreed to support all proposals sent to system administration and to continue to give all of them special consideration in the future.

In response to a question by Regent President Schilling, Chancellor Marshall stated that UW-Stevens Point would support their commitment to those programs through reallocation, whether or not additional funding became available. Lacking additional state funding, the one-third institutional match for those programs designated as Centers of Excellence still would be committed to those programs. The seven programs advanced to system administration constitute those for which UW-Stevens Point particularly would wish to be known.

In response to a question by Regent Davis, the chancellor indicated that there is no commitment by the institution to reallocate the other two-thirds of the proposed funding, if additional money is not forthcoming from outside sources. While additional funds would improve the programs, they already are considered excellent, and the university would continue to reallocate dollars to them and focus on them, even though there is minimal money available for reallocation.

Regent Weinstein recalled that the intent during the Future Study was to address the problem of lack of funds and the need to focus and prioritize in order to maintain quality. As set forth in Resolution SG 9, the first step was to establish Centers of Excellence, which would become the foci for institutional decision making for future program development. The second step was to identify potential modifications in the missions resulting from this analysis of Centers of Excellence. He asked for clarification as to how the two steps became reversed and whether that change resulted in Centers of Excellence becoming something other than was contemplated in Resolution SG 9.

In discussions with the institutions following adoption of Resolution SG 9, President Shaw recalled, the question was raised as to whether it would be preferable for the mission review to occur first, leaving the institutions in a better position to identify areas for Centers of Excellence. The preliminary guidelines, provided to the regents in early 1987, had placed the mission reviews first and the Centers of Excellence identification second. He did not think, however, that the result would have been much different if the steps had been followed in their original order.

Regent Weinstein said he had thought the intent was for the institutions first to establish the priorities for which they wish to be known, which would then be reflected in their mission statements. Since the 49 programs recommended for Center of Excellence status clearly did not include many of the institutions' renowned programs, he questioned whether the list reflected an identification of 49 programs for which funding might be sought, rather than an actual setting of priorities.

President Shaw replied that these programs certainly were ones for which the institutions would want to be known. The answer would vary, however, as to whether they necessarily reflected the highest priority on a given campus. While some institutions would consider these programs their highest priorities, others might consider other programs of equally high or higher priority.

As background, Regent Fish recalled that his intent as Chairman of the Future Study had been that the first step should be to update the mission statements, which had not been fully reviewed since their establishment in the early 1970s. From that initial priority evolved the idea for Centers of Excellence, funding for which had not been discussed during the Future Study.

Regent Schilling stated that he was comforted by Chancellor Marshall's comment that at UW-Stevens Point the identification of the Centers of Excellence was viewed as a setting of priorities, irrespective of new funding. He agreed that the process started as a means of focusing priorities in the face of reduced funding and was troubled by the process

having become a funding exercise. He thought the regents continued to be intent on establishing Centers of Excellence, without regard as to whether any new money is provided. On balance, he thought the identification of the centers had been a painful but healthy exercise, and he was prepared to support their establishment, with the assurance that they would proceed whether or not new funds are forthcoming. With that understanding and with the centers established, he would be willing to support a budget request for funding.

Regent Clusen thought it would have been ideal if mission statements and Centers of Excellence could have been developed at the same time. However, she felt the designations were successful in moving from the general to the specific and that they would help to deal with the question of program duplication. While there was no discussion of funding in the Future Study, the board subsequently had been informed that funding would be requested. Stating that she supported the resolution, she added that the opportunity to make funding decisions still lay ahead.

Regent Lyon asked if there was cause for concern that the Centers of Excellence package could be dismantled in the legislative budget process and, secondly, if full funding were not received, whether priorities for allocation would be set or whether the money would be prorated among all 49 centers. He did not want to see the centers lost, regardless of the GPR contribution.

President Shaw thought there would be greater encouragement for legislative involvement if the centers were tied to the budget rather than being handled separately. He thought funding should be allocated in such a way that dollars would be retrievable and that the money should not be prorated. The objective would be to fund all 49 centers, but not necessarily to fund them all immediately.

Regent Nicholas asked how other regent priorities, such as schools of business, could be integrated with the Centers of Excellence concept, and President Shaw replied that those priorities also would be included in the budget.

Regent Flores expressed concern that, if the Centers of Excellence were to become the foci for institutional decision making, as stated in the resolution, other priorities, such as business programs, would seem to be excluded by that wording.

Based on President Shaw's statement that the 49 centers might not constitute the highest priorities for every campus, Regent Weinstein moved to amend the resolution by striking the first paragraph, so as not to imply that these programs are to be the only foci for institutional decision making. The motion was seconded by Regent Lyon. Regent Weinstein added that then he would move later to delete from the fourth paragraph the word "best" after the word "proposals" and the word "most" before the word "promising." He also would move later to delete the words "eligible for special funding requests" in the fifth paragraph.

Regent Clusen noted that the various amendments would alter substantially the intent of the resolution and suggested that the motion be submitted in a different form.

In response to a question by Regent Schilling, President Shaw confirmed that the resolution presented today was the institutional response to that portion of SG 9 which called for identification of Centers of Excellence, which will become the foci for institutional decision making.

Regent Weinstein agreed with the point made by Regent Clusen. With the consent of the seconder of the motion, he <u>withdrew his amendment</u>, with the understanding that these programs are to be the foci for institutional decision making, and not a secondary focus.

Regent Weinstein <u>moved</u> to delete the words "eligible for special funding requests" from the last paragraph, and the motion was seconded by Regent Schilling. Regent Nikolay opposed the amendment on the basis that Centers of Excellence would need special funding if they are to fulfill their purpose.

The <u>amendment was adopted</u> on a roll-call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Flores, Gerrard, Grover, Jarvis, Lyon, Nicholas, Schilling and Weinstein voting "Aye" (12) and Regents Fish, Hanson and Nikolay voting "No" (3).

Professor Gloria Toivola, President of The Association of University of Wisconsin Professionals, spoke of TAUWP's concern that concentration of new and reallocated funds on Centers of Excellence would deplete funding needed for other programs.

In selecting Centers of Excellence, Regent Davis inquired as to the criteria used to eliminate programs felt by campuses to be high priorities, which were not in competition with similar programs elsewhere in the system. President Shaw explained that programs might not have met the criteria in the guidelines or might not have been considered by the consultants to be ready for Centers of Excellence status. He stated also that the institutions considered all programs they advanced to be high priorities and intended to use them appropriately in making institutional decisions.

With regard to the systemwide Women's Studies Center of Excellence, Regent Davis inquired as to whether designation of such a program was consistent with the other designations being made and if there was a process for regent review of this type of interinstitutional effort. President Shaw replied that the proposal brought together areas of quality from throughout the system and that, if approved, a formalized process of review would be in order.

Regent Schilling asked if the program was, in essence, being created by this resolution. Vice president Trani replied in the negative, adding that there had been systemwide coordination of these programs and that the guidelines for Centers of Excellence provided for interinstitutional programs. Regent Clusen noted that this recognition of women's studies programs was in accordance with Resolution SG 15 on improving the status of women in the UW System.

While he concurred that interinstitutional programs should be encouraged, Regent Davis observed that it would be necessary to address the fact that they did not fit neatly into established procedures for program review and measures of program effectiveness.

Put to the vote, Resolution 5044 was unanimously approved in committee.

At the board meeting, it was moved by Regent Grover and seconded by Regent Lyon that Resolution 5044 be adopted.

Resolution 5044:

WHEREAS: The Board of Regents in Resolution SG 9 of December 5, 1986, called upon the institutions of the University of Wisconsin System to identify and establish "appropriate areas or centers of excellence which will become the foci for institutional decision making for future program development"; and

WHEREAS: The institutions of the University of Wisconsin System have undertaken a review of their missions and identified 110 areas of special strength to be proposed as centers of excellence; and

WHEREAS: The Board of Regents acknowledges the exceptional efforts made by the institutions of the University of Wisconsin System to select these proposals, and encourages them to promote and develop such areas of special strength; and

WHEREAS: After careful review by the University of Wisconsin System Administration, 49 proposals best meet the criteria of programmatic quality and are most promising for the focusing of institutional development: therefore

BE IT RESOLVED: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents designates as <u>Centers of Excellence</u> the following 49 programs and centers:

UW-Eau Claire

Center for Faculty and Undergraduate Student Research Collaboration

UW-Green Bay Interdisciplinary Education

UW-La Crosse

Microbiology

Professional Preparation: Enhancing Movement Competence throughout the Life Span UW-Madison

Area Programs Center for Dairy Research Center for Neuroscience Cognitive Science Earth System Science Center Education for Work and Productivity Endocrinology-Reproductive Physiology Program Engine Research Family Studies Institute for Legal Studies Management and Conservation of Biological Resources Manufacturing Systems Engineering Microbial and Biochemical Technology Plant Breeding and Plant Genetics Plasma-Aided Manufacturing Power Electronics Research Rheology Instruction Robert M. LaFollette Institute of Public Affairs Solidification Processing Technologies of Engineering Materials Training Center on Infants and Toddlers with Disabilities Undergraduate Program in Accounting

UW-Milwaukee

Architecture and Urban Planning
Business Competitiveness
Center for Surface Science
Center for 20th Century Studies
Great Lakes Studies
Institute of Chamber Music
* Professional Theater Training Program
Teacher Education

UW-Oshkosh

International Studies
Undergraduate Education in Geology

UW-Parkside Biological Sciences

UW-Platteville
Middle Level Education

UW-River Falls
Undergraduate Majors in Chemistry and Physics

UW-Stevens Point
Center for Writing
Distributed Academic Computing
Forestry

UW-Stout

Advanced Technology Hospitality, Food, and Tourism Industries The UW-Stout Library Learning Center

UW-Superior
* Education Professions

UW-Whitewater Computer Information System

UW-Centers

Center to Develop International Education Programming for Third World Cultures

UW-Extension Life Long Audio Education

Interinstitutional - Women's Studies Systemwide Women's Studies Consortium

*Subject to final evaluation and review by the Office of Academic Affairs

In discussion at the board meeting, Regent Weinstein stated his understanding that this resolution would identify these 49 programs as the foci, and not just one of the foci, for institutional decision making for future program development.

Regent Schilling recalled that at the previous day's committee meeting, he had asked whether this was the institutions' response to Resolution SG 9, and President Shaw had responded that this was, in fact, the response to SG 9. The resolution, therefore, embodied what the institutions advanced as their foci.

Regent Flores commented that the resolution on Centers of Excellence should be read in the context of the educational missions of the UW System and of each institution. Resolution SG 9 provided that, within the broad area of academic program arrays, missions and program development and evaluation, each institution should develop a focus. It would be too narrow an interpretation, he felt, to define these programs as the sole focus of the institutions, to the exclusion of the broader mission of each institution and of the system. What really was intended by SG 9, he felt, was the establishment of goals and priorities.

Regent Fish <u>moved</u> that the words "with funding assistance sought both externally and internally through reallocation" be inserted in the fifth paragraph of the resolution between the words "Centers of Excellence" and "the following 49 programs." The paragraph then would read as follows: "Be it resolved that upon recommendation of the President of the University of Wisconsin System, the Board of Regents designates, as Centers of Excellence, with funding assistance sought both externally and internally through reallocation, the following 49 programs and centers:"

The motion was seconded by Regent Hanson.

Regent Fish stated that, while he supported the resolution without the amendment, he felt the amendment was beneficial in giving validity to the programs the chancellors, faculty and staffs on the various campuses had worked so diligently to bring forward.

Regent Weinstein noted that language on funding the centers had been removed from the resolution the previous day. He commented that the amendment would tie these 49 programs to funding, the implication being that if the funding were not forthcoming, the Centers of Excellence would not go forward. He thought the programs should stand on their merit and that the issue of funding should be considered in discussions on the budget. At the committee meeting, Chancellor Marshall had stated that these programs would proceed, with or without additional money, through reallocation.

Regent Clusen questioned whether there was a difference between this amendment and the language, "eligible for special funding" which was removed from the resolution at the committee meeting.

Regent Fish replied that his amendment was different in two ways: First, by stating that funding would be "sought," and second, by making reference to reallocation.

- Vice President Lyon presiding -

Regent Schilling noted that some had suggested delaying the entire matter until the biennial budget request was considered, because of the tie to funding. In an effort to do justice to Resolution SG 9, which did not mention funding, he considered it important to handle this as a separate program decision. He had been relieved and pleased to hear Chancellor Marshall, speaking as a representative chancellor, indicate that these programs would go forward, even without additional funding, through reallocation, although their progress then would be slower than had been hoped. While President Shaw had commented that people might disagree as to whether these programs were "the foci" or whether there are others of equal priority, Regent Schilling heard no disagreement with the statement that when this resolution was adopted, with the funding language removed, a programmatic decision would be made on Centers of Excellence. The budget process would be the time to look for the most strategic and beneficial ways to seek funding for the programs. To put funding back into the resolution, he felt, would suggest that the decision was not final without it. While he was committed to looking for ways to obtain funds, he favored having the programmatic decision made first and then dealing with budget decisions at a later date.

Regent Doughty Luckhardt asked if it would be possible to add other Centers of Excellence in the future, and President Shaw replied in the affirmative.

In reply to a further question by Regent Doughty Luckhardt, Regent Fish explained that the words "eligible for special funding" did not fully express the commitment of the campuses to reallocate certain funds without special funding. Today's amendment made it clear that the programs are not dependent on additional funding.

Regent Hanson commented that the addition of the amendment would cement the board's commitment to what was stated in Planning the Future.

Regent Grover agreed with President Schilling's statement that the Centers of Excellence should be put in place, as envisioned in Planning the Future, regardless of whether or not there would be external funding and that the issue of whether or not to pursue external funding should be addressed in the budget process. He considered it important to send a clear message to the campuses that the vigor and commitment shown in identifying Centers of Excellence is appreciated. He urged that the resolution be approved without amendment.

Put to a roll call vote, the amendment failed, with Regents Fish, Hanson and Nikolay voting "Aye (3) and Regents Clusen, Davis, DeLong, Doughty Luckhardt, Flores, Grover, Jarvis, Lyon, Nicholas, Schilling, Vattendahl and Weinstein voting "No" (12).

Returning to the question he had raised earlier, Regent Weinstein said his intent simply was to make clear what the board was being asked to approve. He asked if the intent of the resolution was to make these programs "the foci," or just one of a series of foci, for institutional decision making.

Recognizing that concern, Regent Schilling suggested that Resolution 5044 be viewed as the institutions' and system administration's response to the directive of Resolution SG 9. He noted that Chancellor Marshall had stated that UW-Stevens Point's three Centers of Excellence, plus the other four programs that they advanced, are to be the institution's priorities, to be supported through reallocation and with the hoped-for addition of some new money. In response to his question, the chancellor had affirmed that these are the programs for which UW-Stevens Point wishes to be known, although President Shaw had said some campuses might be less resolved in that regard.

Regent Schilling asked President Shaw whether: (1) these programs are the response to SG 9; and (2) the response resulted in the institutions having set some funding and resource priorities of the highest order.

Regent Davis indicated that he read the resolution somewhat differently. Noting that the resolution stated that these 49 proposals are the most promising for the focusing of institutional development, he felt the reference to "the foci" was simply a quote from Resolution SG 9 but not integral to the rest of the resolution. While it had been said in discussion that these programs represented the best effort to respond to the directive of Resolution SG 9, the resolution before the board stated that they are the most promising programs upon which to focus institutional development. It was not, therefore, as narrowly worded as SG 9.

President Shaw responded in the affirmative to both of Regent Schilling's questions, adding that Regent Davis' interpretation was close to his own interpretation of the resolution.

Regent Weinstein stated that he would vote against the resolution because its meaning was unclear. It had been stated that the resolution might or might not be a response to Resolution SG 9, depending on how SG 9 is interpreted, which also was unclear. Further, he did not believe it could be said these programs are the most promising for focusing institutional development, when that was not true in all cases.

Referring to the fourth paragraph of the resolution, Regent Clusen commented that it indicated simply that the 49 designated programs were viewed as the most promising for program enhancement. She did not see these designations in any way threatening programs that the institutions already had in place.

Regent Grover stated that designation of the centers had been a worthwhile exercise, which allowed the institutions to sharpen their focus and to review their significant accomplishments. Selection of these programs did not imply that they are exclusively excellent or that others are mediocre. It gave the institutions imprimaturs of distinction and moved away from the impression that all were the same. Noting that much had been accomplished, he observed that the process had not been an easy one for the chancellors or the faculties, but it gave substance to the proclamation of programmatic excellence, while sharpening institutional focus and giving each campus a special nuance, all of which is responsive to today's environment. He stated that he was proud of the resolution and would vote for its passage.

Supporting the resolution, Regent Vattendahl expressed agreement with Regent Grover. He did not consider the establishment of Centers of Excellence to imply that other programs are mediocre.

Asking that the regents remember the genesis of this matter, Regent Fish remarked that the original writing of the mission statements was much more difficult than what was being done at this time. The intent of this exercise was to implement the decision in *Planning the Future* to review the mission statements, which were developed under considerable duress, and to update them. He did not see anything exclusive or elitist about the designations of Centers of Excellence.

Regent Weinstein said the function he was trying to serve was to clarify the meaning of the resolution. It was confusing, he noted, to use words like "the best," "the most," and "the foci," if that was not what was actually meant. He considered the language of the resolution to be unclear and open to a variety of interpretations.

Put to the vote, <u>Resolution 5044 was adopted</u>, with Regents Nikolay and Weinstein voting "No."

On behalf of the board, President Schilling expressed appreciation to the institutions for completing what had been a worthy but very difficult exercise. - President Schilling presiding -

The next four agenda items were considered at a joint meeting of the Education Committee and Business and Finance Committee.

Courses - Suw System Add/Drop Policy, R5045, pp 31-33

The committees were concerned that no deadline was included in the proposed policy stating the time when all the institutions would reduce their drop rate to five percent or less. In the joint committee meeting, the resolution was amended by changing paragraph three after the words, "effective in the fall of 1989," to read: "develop and implement plans to reduce the drop rate to five percent. Such plans will be subject to the review and approval of System Administration" and by replacing paragraph four with the sentence: "A report to the Board of Regents will be made annually on the drop rates of each institution."

The resolution, as amended, was approved by the committees.

Adoption by the board of Resolution 5045 was moved by Regent Grover and seconded by Regent Hanson.

Resolution 5045: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents directs the University of Wisconsin System Administration to:

- 1. Monitor course drop rates at all UW System institutions.
- Require all UW System institutions to reduce or maintain course drop rates during any academic year at no more than five per cent of credit hours registered at the close of the tenth day of classes at the beginning of the fall and spring terms.
- 3. Direct all UW System institutions whose drop rates exceed five per cent, effective in the fall of 1989, to develop and implement plans to reduce the drop rate to five percent. Such plans will be subject to the review and approval of System Administration.
- 4. A report to the Board of Regents will be made annually on the drop rates of each institution.

At the board meeting, Regent Grover noted that representatives of the United Council of the UW Student Governments had asked to speak at the committee meeting but had not been called upon due to an oversight. He thought it appropriate that they be permitted to make their comments at this meeting.

Sandra Eschmann stated that United Council supported the resolution with the reservation that, if UW-Milwaukee could not reduce the drop rate to five percent because of the demographics of its student population, there should be an opportunity for explanation before section 3 would go into effect. Therefore, she suggested that section 3 be amended to add after "effective the fall of 1989," the words "to review those policies and, if deemed necessary by UW System, to develop and implement plans to reduce the drop rate to five percent."

Rob McGinnis, of United Council, added that UW-Milwaukee already had made policy changes to reduce the drop rate but that a decrease from the current 7.8 percent to five percent would be a considerable change. He thought the language of the resolution should provide flexibility for higher drop rates caused by the special circumstances of part-time, non-traditional or minority/disadvantaged students.

President Schilling recalled that, at the previous day's meeting, there was interest expressed in having a clear, concise policy with expectations clearly stated. He had expressed the hope that the policy would take those kinds of special needs into account, and President Shaw had responded that the resolution did not preclude such considerations.

President Shaw concurred that the resolution provided adequate flexibility. While section 3 called for the institutions to "develop and implement plans to reduce the drop rate to five percent," the next sentence provided that "Such plans will be subject to the review and approval of System Administration." Special circumstances could be addressed under that provision.

In response to a question by Regent Flores regarding special demographic considerations for UW-Milwaukee, President Shaw explained that UW-Milwaukee's higher percentage of part-time and economically needy students caused intervention of factors not as prevalent on a residential campus. National studies had shown that part-time students tended to be affected more by family considerations and might have to drop courses for family reasons, while economically disadvantaged students might have unexpected financial problems. For such reasons, policies which worked on other campuses might not be effective at UW-Milwaukee. For example, while UW-Whitewater had excellent results by limiting initial registration to 16 credits, that policy would not work well at UW-Milwaukee where a much smaller percentage of students took more than 16 credits. Under the proposed policy, UW-Milwaukee would be expected to show a good faith effort and to develop a plan based on methods that had worked elsewhere. If they were not effective at UW-Milwaukee, it was likely that demographic considerations were the cause.

President Schilling stated that, upon adoption of the resolution, all institutions would be held to the five percent standard, with recognition that there might be special problems. UW-Milwaukee indeed might find a way to reduce its drop rate to that level.

Regent Flores commented that, while section 2 mandated reduction of the drop rate to no more than five percent, section 3 seemed to contradict the mandate, providing for those not reaching five percent to develop and implement plans. To accommodate differences among institutions, he agreed

that each should develop its own policies. However, he thought it would be more responsive to the legislative request if the mandate were not weakened by section 3.

Regent Davis thought the policy, as written, was responsive to the legislative request, in that it would establish a target as well as follow-up mechanisms and review at the Board of Regents' level, while also giving system administration sufficient flexibility to address special situations.

Put to the vote, Resolution 5045 was adopted by the board, with Regent Flores noting "No."

Feer-Credit Tuition Study, R 5046, p. 33

Regent Grover moved adoption of Resolution 5046, which had been unanimously approved at the joint committee meeting. The motion was seconded by Regent Nikolay and carried unanimously.

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Resolution 5046: That, upon recommendation of the President of the University of Wisconsin System, the Academic Student Fee Structure Policy Paper be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by 1987 Wisconsin Act 27, section 3054(3g).

Report of the President's Task Force on Telecommunications

A first reading of the Report of the President's Task Force on Telecommunications was presented at the joint committee meeting.

President Shaw introduced the plan for telecommunications, which was developed by a task force he had appointed on the basis of his belief that the UW System must look to new technologies to provide a modern electronic highway for voice, data, and video communications.

Vice President Bornstein, chair of the task force, described the report as a meaningful strategic plan driven by application and need. committee viewed a ten-minute video presentation of the development of telecommunication structures in other states and the needs in Wisconsin.

Regents questioned why the task force recommended a five-year period of implementation, rather than a shorter period, and what the ultimate operating costs would be. It was suggested that the Governor, Legislature and other state agencies might make this proposal one of their priorities. Regent Davis asked if private educational institutions should be involved from the perspective of potential users, or even as planners.

Management Information System Report - Furt pool p. 34

The first reading of the Management Information System Report was presented at the joint meeting.

Executive Vice President Lyall presented the report of the MIS strategic planning group, which looked broadly at strategic planning principles. She discussed the historic pattern in the UW System of decentralized development and funding for administrative computing, which has resulted in a cost efficient but highly diverse system. Campuses had been ingenious meeting their administrative data needs, but the result had been a lack of compatibility for interaction and intercommunication within the system. She discussed the seven recommendations listed in the report.

In response to the suggestion that a time frame be set for achievement of compatibility across the system, she stated that a survey of the institutions showed that they planned to replace most of their present equipment within three to five years. Regent Weinstein suggested sharing the report with the consultants before final action was taken by the board.

Regents supported moving ahead with both the telecommunications and MIS proposals, rather than continuing to defer these major needs. It also was requested that time frames and associated costs be included with materials for the second readings.

Report of the Vice President for Academic Affairs

Burn

Introduction of New Staff Members

In the reconvened meeting of the Education Committee, Vice Chancellor Nancy Parlin introduced Dr. Neal Prochow, the newly appointed Dean of the College of Arts and Sciences, UW-River Falls 19.34

Vice Chancellor Suzanne Fleming introduced Dr. Linda Lamers, Assistant Vice President for Academic Affairs at St. Cloud State University, Minnesota. Dr. Lamers currently served as an ACE fellow at UW-Eau Claire.

Dr. Wava Haney, Professor of Sociology at the UW Center-Baraboo, was introduced by Vice President Trani. Dr. Haney was serving as the Administrative Intern in the Office of Academic Affairs this semester.

Strategic Planning Update

Vice President Trani announced that the status report on Strategic Planning in Business would be presented to the committee in October; that the Strategic Planning in Education Steering Committee was planning a major conference in December at Wingspread, at which Ernest Boyer would be the main speaker; and that the Strategic Planning in Engineering and Technology Task Force would soon be circulating its draft report, with the report to the board scheduled for early next year.

Mineral) Mondiscriminatory Policy and Guidelines to be Leader Outster, p. 35

Regent Grover reported that Dr. James Sulton, Special Assistant to the President, advised the Education Committee that a systemwide conference to review the nondiscriminatory policy and guidelines was scheduled for the following week. It was decided by committee consensus to treat the proposed policy and guidelines as a "first reading," to be brought before the board for action in October.

The Education Committee heard first readings of three new proposals for biotechnology-related programs. Dr. Richard Burgess, Director of the Biotechnology Center, UW-Madison, served as a consultant for all three of the institutions as they developed these programs and described for the committee some of the potential statewide applications of biotechnology. Ecademic Regians - Communities discussed on

Authorization to Plan New Program: B.S. in Biochemistry/Molecular

Biology, UW-Eau Claire

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The B.S. in Biochemistry/Molecular Biology, UW-Eau Claire, would have a strong molecular biology emphasis, to prepare students for graduate training, research, or provide a background for individuals entering other professional fields.

academie Programo - Committee descussión on

Authorization to Plan New Program: B.S. in Biotechnology,

UW-River Falls, p.35

The B.S. in Biotechnology, UW-River Falls, would have major applications for agriculture and agriculture-related businesses.

Geodemie Perpano - Committee discussionor)

Authorization to Plan New Program: M.S. in Applied Molecular Biology,

UW-Parkside, P.35

Xug Wu-Palsade (Same, that Alap "VW-Parkside, Would build on the

The M.S. in Applied Molecular Biology, UW-Parkside, would build on the undergraduate bio-sciences curriculum and faculty, and would prepare students to perform in advanced, rather than introductory, positions in biotechnology industries.

Agust - Meetings - Better scholuling for committee og endas requested pp 35-36

Reemphasizing a point made at the Education Committee meeting, Regent Flores observed that the length of the agenda caused presentations by institutional representatives to be made late in the day and severely limited the time available for those presentations. Noting that this was unfair to the people involved, he commented that a better means of scheduling should be devised.

Regent Grover agreed that those making presentations deserved adequate time and attention, and that agendas should be better designed in the future. When the agenda was lengthy, he thought it might be necessary for the Education Committee to meet for a longer period of time.

VW-Stevens Part-Report on North Central Association Accreditation,

Regent Grover reported that UW-Stevens Point had recently been reaccredited by the North Central Association. The process was described to the Education Committee by Vice Chancellor Thoyre, who commented in some detail on aspects of the self-study and the recommendations of the accrediting team.

At the board meeting, Regent Davis commented that the accreditation report was one of the best such reports the committee had seen. He commended UW-Stevens Point for the excellent work that had been done, particularly in addressing matters raised in the last accreditation review.

authorizations to Recruit

Authorization to Recruit: Dean, School of Fine Arts, UW-Milwaukee, R. 40 47, p. 35

Resolution 5047, which was unanimously approved by the committee, was moved by Regent Grover, seconded by Regent Clusen and unanimously adopted by

the board.

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Resolution 5047: That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the School of Fine Arts be approved.

Amendment to s. 3.35, Faculty Personnel Rules, UW-River Falls R 5048, p. 36

Reporting unanimous committee approval of Resolution 5048, Regent Grover moved its adoption by the board, and the motion was seconded by Regent Jarvis.

That, upon recommendation of the Chancellor of the Resolution 5048: University of Wisconsin-River Falls and the President of the University of Wisconsin System, the Amendment to section 3.35 of the University of Wisconsin-River Falls Personnel Rules be approved.

In response to a question by Regent Nikolay, Elizabeth Wright, UW System Executive Assistant, indicated that the proposed amendment was essentially technical in nature.

Put to the vote, Resolution 5048 was unanimously adopted by the board.

Board of Regents Meeting Minutes 9/9/88

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Plan for Efficient Use of Instructional Academic Staff, R 5049, P.37

The committee unanimously approved Resolution 5049, transmitting to the Legislature a report mandated by the 1987-89 budget bill. The plan set a target of returning by 1990 to the 1978-79 student/faculty ratio of 16.5:1.00.

It was moved by Regent Grover and seconded by Regent Davis that the following resolution be adopted by the board:

That, upon recommendation of the President of the Resolution 5049: University of Wisconsin System, the Plan for Efficient Use of Instructional Academic Staff be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by 1987 Wisconsin Act 27, section 3054(2d)(a) and by action of the Joint Committee on Finance, May 2, 1988.

Regent Davis noted that the plan was the second attempt to comply with this legislative mandate.

Put to the vote, the resolution was unanimously adopted by the board.

Professorships -Named Professorship, UW-Madison

> Regent Grover presented Resolution 5050, which had been approved in closed session of the Education Committee, and moved its adoption by the board. The motion was/seconded by Regent Jarvis and voted unanimously.

Resolution 5050: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Robert H. Fillingame be changed from Professor, named Department of Physiological Chemistry, Medical School, to Medical Alumni Professor, Department of Physiological Chemistry, Medical School, University of Wisconsin Madison, effective immediately. > \$5050, p, 37

ADDITIONAL RESOLUTIONS admenistrative Code

Repeal, Amendment and Re-Creation of Rules: Chapters 14 and 17,

Regent Schilling reported that a public hearing had been held on this matter the preceding day. A quorum of the Board of Regents was present at

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Aref Minerities - (sane) but add "Wis, Rdmin, Code")

Five individuals spoke at the hearing, all of whom addressed the appealability of disciplinary sanctions (s. UWS 14.05). The proposal, as forwarded by the board for the hearing, provided that all sanctions may be appealed.

Professor Richard Haven, of UW-Whitewater, a member of the UW System committee which developed the rule revisions, urged that the proposed amendments be revised to reflect the system committee's recommendation that the three least severe disciplinary sanctions not be appealable. These were: oral reprimands; written reprimands presented only to the student; and an assignment to repeat the work, to be graded on its merits.

Four students spoke in favor of making all disciplinary sanctions appealable: Rob McGinnis and Sandra Eschmann, of United Council; James Sorenson, President of the UW-Whitewater Student Association; and James Siy, a student at UW-Madison. In addition, James Smith, of United Council, and Noel Radomski, of the UW-Madison Wisconsin Student Association, registered in support of the rules as presented at the hearing.

Ms. Eschmann also asked for deletion of the provision that the presiding officer shall constitute a quorum at a hearing of an academic misconduct hearing committee.

UW System Counsel Patricia Hodulik discussed the advisory comments of the Legislative Council Rules Clearinghouse and her recommendations as to changes which could be made on the basis of those comments.

It was requested that the proposed rules be redrafted to incorporate the recommendations made by Attorney Hodulik. It also was requested that options be presented to set forth the recommendations made by Professor Haven and by Regent Nikolay regarding appealability of sanctions, and by United Council regarding the matter of a quorum. These papers were before the board for consideration at this time.

The proposed rules, as approved at this meeting, would be forwarded to the Legislature for review. Any legislative comments would be returned to the board. If there were no comments, the rules would be returned to the board for promulgation.

Attorney Hodulik noted that most of the changes incorporated in the revised draft were technical amendments made in response to Clearinghouse comments.

President Schilling pointed out that there were certain suggestions made by the Clearinghouse that were not incorporated. When sending the proposed rules to the Legislature, the rationale would be communicated regarding which Clearinghouse suggestions were and were not accepted.

Adoption of Resolution 5051 was moved by Regent Nikolay and seconded by Regent Davis.

Resolution 5051: That the Secretary of the Board of Regents, pursuant to s. 227.19, Wis. Stats., notify the presiding officer of each house of the Legislature that proposed amendments to Chapter UWS 17, Wis. Admin. Code, and proposed rules created in Chapter UWS 14, Wis. Admin. Code, are in final draft form and cause a statement to appear in the Wisconsin Administrative Register that said proposed amendments and rules have been submitted to the presiding officer of each house of the Legislature.

Attorney Hodulik referred to options that she had prepared, based on suggestions made at the public hearing, the first of these being the suggestions made in Professor Haven's testimony. Option number 1 was to revert to the drafting of UWS 14.05 as originally presented by the committee to revise the rules, the substance of which was that the three least severe sanctions would not be appealable.

Option number 2 was to delete all references to the two least severe sanctions—the oral reprimand and the written reprimand presented only to the student—having no administrative rules on these minor penalties. The third sanction—to repeat work—would be made subject to the more stringent notice and appeal requirements of 14.06.

Option number 3 was to remove the assignment to repeat work penalty from UWS 14.05, leaving in that section, as non-appealable items, the oral and written reprimands and making the assignment to repeat work appealable under 14.06.

Option number 4, suggested by Regent Nikolay, would amend 14.05 to state that only the assignment to repeat work would be appealable under that section.

In response to a question by Regent Weinstein, President Schilling affirmed that the proposal before the board included the position advanced by student representatives that all sanctions should be appealable. While the system committee did not recommend appeals for oral reprimands, written reprimands, and assignments to repeat work, the board's Education Committee concurred with the students' position that all three should be appealable. This position was advanced by the Board of Regents for the public hearing and was now incorporated in the main motion before the board.

Regent Flores asked if the students who appeared at the hearing supported the language of s. 14.05 as proposed.

Replying in the affirmative, Regent Schilling said that all the students spoke in favor or were recorded in favor of the appeal provisions in the main motion.

Stating his support for the rules as drafted, Regent Weinstein said he viewed it as a matter of treating students fairly.

Regent Nikolay said he did not know how an oral reprimand could be appealed, except through a "trial de novo," in which case it would become a matter of written record. Otherwise, an oral reprimand would remain only a matter between the student and the teacher.

Regent Schilling added that Regent Nikolay's concerns at the public hearing had been for the students' well being—that there might be records created that otherwise would not be made.

Regent Flores pointed out that a written reprimand presented only to the student would not go into the student records, but an appeal would become a matter of record.

Regent Fish stated his understanding that the students and Professor Haven both would find acceptable, but not their first choice, an option which would delete all reference to oral reprimand.

Regent Jarvis confirmed that Regent Fish's understanding was correct.

Regent Flores asked if Attorney Hodulik foresaw administrative problems in appealing from an oral reprimand, and Attorney Hodulik replied that there might be practical problems in that regard.

Regent Schilling observed that he did not think the Board of Regents would want its intent construed as prohibiting oral reprimands. Rather, the focus was on the issue of what would and would not be appealable. The rule still could enumerate the three minor sanctions as being oral reprimand, written reprimand, and repetition of work.

President Schilling asked Attorney Hodulik to present the alternative prepared for language regarding quorums in s. 14.14 (renumbered s. 14.15 in the final version of the proposed rules).

It was noted by Ms. Hodulik that s. 14.14, as currently proposed, would permit the presiding officer to constitute a quorum at any hearing. United Council had objected to that provision at the public hearing. The alternative she had drafted simply would strike that language from the rules.

Regent Jarvis suggested a sentence be added to provide that a quorum shall consist of at least two persons.

Regent Davis asked if it was his intent that at least one of those two persons should be the presiding officer, and Regent Jarvis replied in the affirmative.

Regent Fish <u>moved</u> that the section be amended to read as follows: "A student academic misconduct committee shall consist of at least three persons, including a student or students, and the presiding officer shall be appointed by the chancellor. The presiding officer and at least one other committee member shall constitute a quorum at any hearing held pursuant to due notice."

The motion was seconded by Regent Jarvis.

The amendment carried on a unanimous vote.

Put to the vote, <u>Resolution 5051 was then adopted</u> by the board, with Regents Fish and Nicholas voting "No."

(The rules as approved are attached as EXHIBIT A.)

COMMUNICATIONS, PETITIONS, MEMORIALS

President Schilling expressed appreciation to Regent Fish for his correspondence on agricultural issues and composition of the Board of Regents. He also thanked Regent Fish for the interesting summary he provided the Board of *The Chronicle of Higher Education* article on comparing institutions.

At 11:50 a.m., the following resolution was moved by Regent Lyon, seconded by Regent Davis and unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Flores, Hanson, Jarvis, Lyon, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (11), and no regents voting "No."

Resolution 5052: That the Board of Regents recess into closed session for possible action on a salary matter, UW-Madison, as permitted by s. 19.85(1)(c), Wis. Stats.; for possible action on appointments to the UW-Milwaukee Board of Visitors and to consider personal histories relating to the naming of a facility at UW-Stevens Point, 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.

CLOSED SESSION ACTIONS

The board arose from closed session at 12:30 p.m., having adopted the following resolutions:

Resolution 5053: That, upon the recommendation of the Chancellor That, upon the recommendation of the Chancellor of the UW-Milwaukee and the President of the University of Wisconsin System, the following persons be appointed to the UW-Milwaukee Board of Visitors for terms ending May 1991:

James W. Koleas, Hilwaukee Robert Pietrykowski, Milwaukee Jacqulyn C. Shropshire, Hilwaukee Jo Ann Ratcheson, Milwaukee Gerald J. Reiser, Milwaukee Wesley Scott, Milwaukee and

Joseph R. Thomas, Jr., Milwaukee R 5053, P, 42

That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, temporary base salary adjustment 🖝 approved for Millard Susman, Associate Dean for Administration and Research, Medical School, University of Wisconsin Medison, while he serves concurrently as Acting Dean of the School of Allied Health Professions, University of Wisconsin-Madison, at an annual salary of \$90,296, offective August 15, 1980.

tref Susman, Milland - Tamparary fase salary adjustment while serving as Rome, Dean for The meeting was adjourned at 12:30 p.m. admin, + Research, medical Selon

and as acting Dan, Setrold allied Health Professione

UW-Madrier, R 5054, p.42

In A. Linney

September 29, 1988

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34,892.00

GIFTS, GRANTS AND CONTRACTS AUGUST 5, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. CANADIAN ELECTRICAL ASSOCIATION
MONTREAL, QUEBEC, CANADA
ENHANCEMENT OF THE EMTP PROJECT COORDINATOR
FOR THE PERIOD 07-01-86 THRU 06-30-89
AWARD # 175 T 331F
MSN ENGR ENGR PRFSNL DVLP (133-K821)

2. MARKET DEVELOPMENT GROUP
MADISON, WI
SUPPORT WEED CONTROL RESEARCH PROGRAM
MSN AG&LSC AGRONOMY (133-7714) 1,350.00

GIFT-IN-KIND

- 1. WALTER AND JEAN KERR
 LARCHMONT, NY
 ADDITIONAL PAPERS AND TAPE RECORDINGS OF
 JEAN AND WALTER KERR FOR THEIR EXISTING
 COLLECTIONS AT WCFTR ARCHIVES.
 MSN L&S COMMUN ARTS FLM&THEA R
- 2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STELLA, SHARD III, COLOR PRINT. AMAND, OPPOSITE ANGLE-C, PRINT, MACLEAN, WINGED VICTORY, LITHOGRAPH. MSN L&S ELVJM MUSEUM ART
- 3. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 VALERIO ADAMI, VERS LE SOLEIL QUI SE LEVE,
 ETCHING
 MSN L&S ELVJM MUSEUM ART
- 4. EXXON RESEARCH LABS
 BATON ROUGE, LA
 A COMPLETE KRATOS MS-25A GC/MS SYSTEM WITH DATA
 SYSTEM AND MOST ACCESSORIES. VERY SIMILAR WITH A
 FEW EXTRA OPTIONS TO OUR EXISTING MS-25
 MSN L&S CHEMISTRY
- 5. MADISON PRINT CLUB
 MADISON, WI
 CAROL SUMMERS, ARROYO, COLOR WOODCUT
 MSN L&S ELVUM MUSEUM ART
- 6. JOHN L. MORGEN
 MILWAUKEE, WI
 MYRTLE MANUFACTURED MATCHING DESK, CREDENZA,
 DESK CHAIR AND WASTEBASKET. MAHOGANY VENEER.
 BLUE LEATHER CHAIR COVERING.
 MSN G E A UNIVERSITY ADMIN SUPPORT SV
- 7. CEVA LABORATORIES
 OVERLAND PARK, KS
 320 VIALS (5 GM EACH) PENTOTHAL
 MSN VET M VET MD TCH HSP&C

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

- 8. FORT DODGE LABORATORIES
 FORT DODGE, IA
 24 VIALS OF AMIGLYDE-V (AMIKACIN SULFATE)
 50 MG/ML.
 MSN VET M VET MD TCH HSP&C
- 9. THE SUPERIOR ELECTRIC COMPANY BRISTOL, CT STEPPER MOTOR/INDEXER/PROGRAMMER MSN L&S CHEMISTRY
- 10. MR. ROBERT LOETSCHER
 MIDDLETON, WI
 12 MONOGRAPHS TO THE BUSINESS LIBRARY
 MSN LIBR GEN OPERATIONS LIB ACQSTN
- 11. MS. VIOLET SPELTER
 MADISON, WI
 16 MONOGRAPHS AND 17 SERIAL VOLUMES TO THE
 BUSINESS LIBRARY AND 55 MONOGRAPHS AND 265 SERIAL
 ISSUES TO THE MEMORIAL LIBRARY
 MSN LIBR GEN OPERATIONS LIB ACQSTN
- 12. GENERAL MOTORS RESEARCH LABORATORIES
 WARREN, MI
 JODON MICROWAVE ENGINE TIMING INSTRUMENT
 MSN ENGR ENGR EXPER STA I COMBUSTN
- 13. FORD MOTOR COMPANY
 DEARBORN, MI
 TUKCON MICROHARDNESS TESTER
 MSN ENGR NUC ENGR&E PHYSC

INSTRUCTION

- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) VETERANS EDUCATION OUTREACH PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AT A TOTAL COST OF \$5,322.00 AWARD # QOO8712543, MOD. 1 MSN AC SVC OFF OF REGISTRAR ADMIN

2) PRESERVICE TECHNOLOGY SPECIALIZATION FOR
OCCUPATIONAL THERAPISTS
FOR THE PERIOD 06-01-88 THROUGH 05-31-89
AWARD # HO29F80083
MSN GRAD WAISMAN CENTER (144-AL34) 73.817.00

(144-AB36)

63.00

62,927.00

3) LAW SCHOOL CLINICAL EXPERIENCE PROGRAM
FOR THE PERIOD 08-21-88 THROUGH 08-20-89
AWARD # PO97A80063
MSN LAW LAW SCHOOL (144-AL67)

(144-AL09) 52,939.00

4,450.00

500.00

(133-C437)

GIFTS, GRANTS AND CONTRACTS AUGUST 5, 1988

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

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	DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD NIMH CLINICAL TRAINING FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 TO1 MH185C6-03 MSN HS-MED PSYCHIATRY	(144-AJ42)	79,068.00
3.	DHHS, PHS, HEALTH RESOURCES AND SERVICES ROCKVILLE, MD IN SUPPORT OF THE FOLLOWING:	ADMIN	
1)	PREDOCTORAL TRAINING IN FAMILY MEDICINE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$174,579.00 AWARD # 3 D15 PE85035-06S1, MOD. 1 MSN HS-MED FAM MED & PRACT	(144-AH69)	43,200.00
2)	GRADUATE TRAINING PROJECT IN PEDIATRIC NU FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # MCJ-009052-05-0 MSN HS-NUR	(144-AL24)	191,814.00
4.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:		
1)	PULMONARY PHYSIOLOGY AND PATHOPHYSIOLOGY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 HL07654-02 MSN HS-MED PREVENTIVE MED	(144-AJ43)	129,920.00
2)	TRAINING PROGRAM IN DEVELOPMENTAL BIOLOGY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 T32 HD07118-11 MSN GRAD L&S ZOOLOGY		149,173.00

3) TRAINING IN BIOCHEMISTRY OF REPRODUCTION FOR THE PERIOD 07-01-88 THROUGH 06-30-89

5. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES

6. DR. JAMES M. & ELLEN R. FOX SANTA MONICA, CA MAX FOX PRECEPTORSHIP RECOGNITION AWARD

INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER

MSN HS-MED ADMINISTRATION DEANS OFFC (133-6759)

AWARD # 2 T32 HD07259-06 MSN AG&LSC BIOCHEMISTRY

MSN HS-MED PEDIATRICS

MADISON, WI

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR ENGINEERING PUBLICATIONS MSN ENGR PUBLICATIONS OFF (133-H271) 5,000.00

MISCELLANEOUS

- 1. CONTINENTAL BANK
 CHICAGO, IL
 SCHULTE, HELEN D. TRUST
 SCHULTE, HELEN DENNE--LOAN FUND
 MSN HS-NUR

 (TRUST) 11,957.46
- 2. INCOME TO BE USED FOR ACTIVITIES RELATED TO CURRENT ECONOMIC POLICY ISSUES AS DIRECTED BY THE DEAN.
 GRAY, NELLE JUNE--ECONOMIC POLICY MSN L&S (TRUST)
- 3. FIRST WISCONSIN-MADISON
 MADISON, WI
 SCHORGER, A.W. TRUST
 SCHORGER, A.W.--WILDLIFE ECOLOGY
 MSN AG&LSC N R-WILDLIF ECOL

MSN AG&LSC N R-WILDLIF ECOL (TRUST) 15,987.76

- 4. CITIBANK, N.A.
 NEW YORK, NY
 WEEKS, LEWIS G. TRUST
 WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS
 MSN L&S GEOL & GEOPHYSCS (TRUST) 60,000.00
- 5. BENESON, RAYMONE & JUNE
 SCHENECTADY, NY
 RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT
 OF PHYSICS
 MSN L&S PHYSICS (TRUST) 300.00
- 6. MEDICAL SCHOOL CLASS OF 1939-FIFTIETH
 ANNIVERSARY TRUST
 MSN HS-MED (TRUST)

100.00 NELLEN, JAMES W. M.D. DE PERE, WI 100.00 WYNN, SIDNEY K. BOCA RATON, FL

200.00

- 7. C.C.R., INC
 CHANHASSEN, MN
 MILLER, ELIZABETH C.--MEMORIAL FUND
 MSN HS-MED ONCOLOGY (TRUST) 300.00
- 8. WI DEPT OF PUBLIC INSTRUCTION
 MADISON, WI
 PRIME CONTRACTOR WITH DED
 WISCONSIN VOCATIONAL EDUCATOR MAGAZINE
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO #PAI-00162
 MSN EDUC WIS VOC STU CTR W VOC ST C (144-AK78) 28,464.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

9. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PHYSICAL, BIOLOGICAL AND ANALYTICAL BASIS FOR THE PERIOD O7-01-88 THROUGH OG-30-89 AWARD #1 R13 CA48036-01 MSN H5-MED HUMAN ONCOLOGY RADIOPHYS (144-AL39) 10,000.00 10. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS PHS NIH EVALUATION SERVICES: WISCONSIN CANCER CONTROL PROJECT FOR THE PERIOD O4-01-88 THROUGH O9-30-88 AWARD # AGR DTO 06/23/88 MSN H5-ADM ADMINISTRATION HLTH POLCY (144-AL15) 4,470.00 11. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SUPPORT AUDIOLOGIST MSN H5-MED SURGERY (133-A013) 62,256.00 12. ELSEVIER NORTH-HOLLAN INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751) 700.00 13. PAULINE WEBB MILTON, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN H5-MED SURGERY DENT&P SRG (133-B085) 1,200.00 14. TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN H5-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN H5-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865) 601.00				
MADISON, WI PRIME CONTRACTOR WITH DHHS PHS NIH EVALUATION SERVICES: WISCONSIN CANCER CONTROL PROJECT FOR THE PERIOD 04-01-88 THROUGH 09-30-88 AWARD # AGR DTD 06/23/88 MSN HS-ADM ADMINISTRATION HLTH POLCY (144-AL15) 4,470.00 11. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SUPPORT AUDIOLOGIST MSN HS-MED SURGERY (133-A013) 62,256.00 12. ELSEVIER NORTH-HOLLAN INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751) 700.00 13. PAULINE WEBB MILTON, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG (133-B085) 1,200.00 14. TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	9.	BETHESDA, MD PHYSICAL, BIOLOGICAL AND ANALYTICAL BASI FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 R13 CA48036-01	S	10,000.00
MADISON, WI SUPPORT AUDIOLOGIST MSN HS-MED SURGERY (133-A013) 62,256.00 12. ELSEVIER NORTH-HOLLAN INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751) 700.00 13. PAULINE WEBB MILTON, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG (133-B085) 1,200.00 14. TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLETICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	10.	MADISON, WI PRIME CONTRACTOR WITH DHHS PHS NIH EVALUATION SERVICES: WISCONSIN CANCER CONTROL PROJECT FOR THE PERIOD 04-01-88 THROUGH 09-30-88 AWARD # AGR DTD 06/23/88		4,470.00
NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751) 700.00 13. PAULINE WEBB MILTON, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG (133-B085) 1,200.00 14. TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	11.	MADISON, WI SUPPORT AUDIOLOGIST	(133-A013)	62,256.00
MILTON, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG (133-B085) 1,200.00 14. TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	12.	NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE A SUPPLIES EXPENSES ASSOCIATED WITH THE "L ALGEBRA AND ITS APPLICATIONS JOURNAL"	INEAR	700.00
DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029) 6,000.00 15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	13.	MILTON, WI	RY (133-B085)	1,200.00
15. UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334) 52,267.00 16. UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	14.	DEFRAY COST OF PUBLICATION OF JOURNAL OF		6,000.00
MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796) 10,000.00 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	15.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SAL SUPPORT	ARY	
MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT	16.	MADISON, WI CLERICAL PERSONNEL SUPPORT		10,000.00
	17.	MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT		601.00

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19.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT CLERICAL SALARIES IN THE DEPARTMENT ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY		37,030.00
20.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY		
21.			
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25.	MSN BUS SCH OF BUSINESS UNIVERSITY OF WISCONSIN FOUNDATION	(133-G847)	
26.		(133-G999)	800.00
27.	AMSTERDAM, THE NETHERLANDS CARBOHYDRATE RESEARCH EDITORIAL EXPENSES MSN AG&LSC BIOCHEMISTRY UNIVERSITY OF WISCONSIN FOUNDATION	(133-J457)	765.00
	MADISON, WI ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS		461.00
28.	MADISON, WI PUBLIC EDUCATION PROGRAM SUPPORT	(133-J690)	2,045.50

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29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	CLINICAL GENETICS PROGRAM DISCRETIONARY F MSN HS-MED GENET CLIN PROG	UND (133-J734)	7,000.00
30.	NATIONAL ASSOCIATION OF PROFESSORS OF HEE MADISON, WI	BREW	
	SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	500.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	FRENCH DEPARTMENT DISCRETIONARY FUND MSN L&S FRENCH & ITALIAN	(133-K219)	750.00
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	SALARY SUPPORT FOR COACHING STAFF MSN ATH GENERAL OPERATNS ADMIN	(133-K302)	118,597.20
33.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI		
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		(133 K333)	4,000.00
34.	REHABILITATION CENTER DISCRETIONARY FUND	(133-K543)	100.00
35.	DEPARTMENT OF HORTICULTURE DISCRETIONARY MSN AG&LSC HORTICULTURE	FUND (133-K551)	
	426.00 MULTIPLE DONORS 861.00 SMITH, PETERSON, BECKMAN COUNCIL BLUFFS, IA 80.00 MULTIPLE DONORS 100.00 MULTIPLE DONORS	N & WILLSON	
			1,467.00
36.	NEW YORK, NY		
	EDITORIAL SUPPORT FOR "PSYCHOLOGY OF WOME QUARTERLY"	EN	
	MSN L&S PSYCHOLOGY	(133-K768)	7,500.00
37.	AMERICAN COLLEGE OF PHYSICIANS MADISON, WI		
	ACP ADMINISTRATIVE COSTS MSN HS-MED HUMAN ONCOLOGY	(133-L018)	3,600.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI CONSORTIUM FOR WISCONSIN CENTER FOR SPACE AUTOMATION AND ROBOTICS (WCSAR)		
	MSN ENGR ENGR EXPER STA SPAC COMM	(133-L101)	6,000.00

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39.	HISTORY OF SCIENCE SOCIETY NEW YORK, NY ISIS CUMULATIVE BIBLIOGRAPHY, 1976-1985 MSN L&S HISTORY OF SCI	(133-L370)	4,000.00
40.	MULTIPLE DONORS FLORICULTURE RESEARCH MSN AG&LSC HORTICULTURE	(133-L839)	192.00
41.	MICHIGAN STATE UNIVERSITY EAST LANSING, MI COMPUTERIZED DATA ACQUISITION MSN VET M MEDICAL SCIENCES	(133-L966)	2,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY DEVELOPMENT FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M193)	1,000.00
43.	INTERNATIONAL VISUAL LITERACY ASSC., INC		
	PAMONA, CA JOURNAL OF VISUAL/VERBAL LANGUAGING MSN EDUC CURRIC & INSTR	(133-M267)	982.01
44.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL		
	MSN HS-PHR PHARMACY	(133-M375)	1,265.95
45.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERAT RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATE: MSN HS-MED RADIOLOGY		5,200.00
46.			
	MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUI MSN HS-MED PSYCHIATRY	PPORT (133-M651)	13,911.41
47.	COUNTY OF DANE MADISON, WI "FRANK LLOYD WRIGHT IN MADISON: A DOCUMM MSN L&S ELVJM MUSEUM ART	ENTARY" (133-M826)	2,500.00
48.	COMMITTE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL		
	SUMMER RESEARCH OPPORTUNITIES PROGRAM FOI MINORITY STUDENTS SUMMER 1988 MSN GRAD	K (133-NO12)	21,900.00
49.	AMERICAN SOCIETY FOR AESTHETICS EDMONTON, ALBERTA, CANADA EDITORIAL EQUIPMENT AND EXPENSES FOR PROI "JOURNAL OF AESTHETICS AND ART CRITICISM		
	MSN L&S PHILOSOPHY	(133-N037)	250.00

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ECONOMICS

MSN AG&LSC AG ECONOMICS

50. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PUBLICATION EXPENSES, INCLUDING PRINTING & PUBLISHING COSTS (133-N063) 2,000.00 HEBREW & SEM STU MSN L&S 51. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MONATSHEFTE/D.A.A.D. DIRECTORY PROJECT (133-N125) 3,000.00 MSN L&S GERMAN 52. UNRESTRICTED GRANT TO BE USED BY THE DEAN OF THE SCHOOL OF NURSING MSN HS-MED 1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MULTIPLE DONORS 347.92 1,347.92 53. UNIVERSITY OF THE PHILIPPINES LAQUNA, PHILIPPINES LAND TENURE CENTER TRAINING PROGRAM FUND (133-5269) 15,000.00 MSN AG&LSC LAND TENURE CTR 54. CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT SCH OF BUSINESS (133-5984) MSN BUS MULTIPLE DONORS 1,220.00 WASHINGTON UNIVERSITY 20,971.77 ST LOUIS, MO MULTIPLE DONORS MULTIPLE DONORS 250.00 525.00 450.00 MULTIPLE DONORS 23.416.77 55. HORMEL & COMPANY AUSTIN, MN SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE (133-8343) 550.00 56. UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC (133-8682) 121,974.00 MSN HS-MED ANESTHESIOLOGY 57. MULTIPLE DONORS UNRESTRICTED GRANT TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF AGRICULTURAL

(133-9796)

100.00

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1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REMODEL OUTDOOR RUNNING TRACK MSN ATH GENERAL OPERATNS ADMIN

(133-H555) 4,550.00

RESEARCH

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISTINGUISHED PROFESSORS MATCHING PROGRAM REVENUE FUNDS (182-A-12-2000) MSN BUS SCH OF BUSINESS

2. EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED

(TRUST) 27.72

3. MULTIPLE DONORS
COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATO

HEMATOLOGY (TRUST) 20.00

4. DOANE, RUSSELL C.
MENOMONIE, WI
DEPARTMENT OF PLANT PATHOLOGY--RESEARCH ON RED
KIDNEY BEAN DISEASE

MSN AG&LSC PLANT PATHOLOGY (TRUST) 3,000.00

5. HLR SCIENCES, INC. NUTLEY, NJ \$ 3200.00 MOBAY CORPORATION KANSAS CITY, MO \$ 2750.00 RHONE-POULENC AG CO. PARK, NC \$ 1500.00 RESEARCH TRIANGLE

PLANT DISEASE RESEARCH FUND
MSN AG&LSC PLANT PATHOLOGY (TRUST) 7,450.00

6. NORWEST BANK MINNESOTA N.A.
MINNEAPOLIS, MN
LYNUM, EDITH H. TRUST
LYNUM, EDITH H.--MEDICAL RESEARCH FUND
MSN HS-MED

(TRUST) 4,610.66

7. MCC CORPORATION
AUSTIN, TX
COMPUTER SCIENCES DEPARTMENT-FACULTY RESEARCH
GRANT

MSN L&S COMPUTER SCI (TRUST) 20,000.00

8. INTERNATIONAL BUSINESS MACHINES
YORKTOWN HEIGHTS, NY
FUNDS AVAILABLE FOR SALARY, RESEARCH
ASSISTANTSHIPS AND CONFERENCE TRAVEL SUPPORT FOR
PROFESSOR RAMAKRISHNAN.
FACULTY DEVELOPMENT AWARD FOR PROFESSOR
RAMAKRISHNAN

MSN L&S COMPUTER SCI (TRUST) 30,000.00

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RESEARCH

9. MCARDLE LABORATORY FOR CANCER RESEARCH--DISCRETIONARY FUND (TRUST) MSN HS-MED ONCOLOGY

> 95.00 MULTIPLE DONORS

FOUNTIAN PRAIRIE RURAL WOMAN'S CLUB 335.00

FALL RIVER, WI

416.88 FALL RIVER CHARITY FUND

FALL RIVER, WI

846.88

10. MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH (TRUST) 5,314.00 MSN HS-MED HUMAN ONCOLOGY

11. ZU-RHEIN, DR. GABRIELE M. MADISON, WI INCOME TO SUPPORT A RESEARCH FELLOWSHIP TO BE AWARDED BY MCARDLE LABORATORY AND THE UNIVERSITY OF WISCONSIN CLINICAL CANCER CENTER. RUSCH, HAROLD P. -- RESEARCH FELLOWSHIP MSN HS-MED ONCOLOGY

(TRUST) 100.00

12. AGRICULTURE, DEPT. OF BELTSVILLE, MD PREDICTIVE MODEL FOR BACTERIAL RING ROT DISEASE DEVELOPMENT IN POTATO PLANTS FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 58-32U4-8-051 MSN AG&LSC PLANT PATHOLOGY

(144-AG49) 87,650.00

13. AGRICULTURE, DEPT. OF PEORIA, IL EVALUATION OF DAUCUS GERMPLASM FOR RESISTANCE TO ROOT KNOTNEMATODE (MELOIDOGYNE HAPLA) FOR THE PERIOD 06-14-88 THROUGH 09-30-88 AWARD # 58-5114-8-1005 MSN AG&LSC PLANT PATHOLOGY

(144-AK76) 12,000.00

14. AGRIC, COOPERATIVE STATE RESEARCH SERVICE WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:

1) POPULATION BIOLOGY OF BACTERIA IN THE PHYLLOSPHERE FOR THE PERIOD 06-01-88 THROUGH 05-31-90 AWARD # 88-37234-3540 MSN AG&LSC PLANT PATHOLOGY (144-AJ84) 100,000.00

2) RETINOL (VITAMIN A) STATUS AND METABOLISM IN NEONATAL LUNG INJURY WITH OXYGEN FOR THE PERIOD 07-01-88 THROUGH 06-30-91 AWARD # 88-37200-3477 MSN HS-MED PEDIATRICS (144-AL13) 194,601.00

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 3) MIGRATION OF PRATYLENCHUS PENETRANS
 BETWEEN ROOT AND SOIL HABITATS
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 88-37153-3498
 MSN AG&LSC PLANT PATHOLOGY (144-AL14) 50,000.00
- 4) DEFINING GENE ACTION FOR YIELD
 IN AUTOTETRAPLOID ALFALFA
 FOR THE PERIOD 09-01-88 THROUGH 08-31-91
 AWARD # 88-37234-3405
 MSN AG&LSC AGRONOMY (144-AL33) 88,108.00
- 5) THE USE OF MEIOTIC MUTANTS FOR EXPLOITATION
 OF SOLANUM GERMPLASM
 FOR THE PERIOD 07-01-88 THROUGH 06-30-91
 AWARD # 88-37234 3619
 MSN AG&LSC HORTICULTURE (144-AL76) 90,000.00
- 15. AGRIC, FOREST SERVICE
 MADISON, WI
 IN SUPPORT OF THE FOLLOWING:
 - 1) DEVELOPMENT OF TIMBER BRIDGES: PLANNING,
 ANALYSIS AND MONITORING
 FOR THE PERIOD 03-21-88 THROUGH 12-31-88
 AT A TOTAL COST OF \$22,200.00
 AWARD # FP-88-1044, MOD. 1
 MSN ENGR CIVIL & ENV ENGR (144-AF73) 14,100.00
 - 2) WEAR RESISTANT COATINGS TO INCREASE SAWBLADE RUN
 TIME AND SAWING ACCURACY
 FOR THE PERIOD 06-28-88 THROUGH 09-15-88
 AWARD # FP88-1081
 MSN ENGR MET & MIN ENGR (144-ALO8) 3,843.00
- 16. COMMERCE, DEPT OF
 GAITHERSBURG, MD
 TECHNOLOGY TRANSFER MECHANISM FOR THE AUTOMATED
 MANUFACTURING RESEARCH FACILITY
 FOR THE PERIOD 05-01-88 THROUGH 04-30-89
 AWARD # 60NANB8D0823
 MSN ENGR ENGR PRESNL DVLP (144-AL63) 71,643.00
- 17. COMMERCE, DEPT OF
 WASHINGTON, DC
 A GOES ARCHIVE-RETRIEVAL SYSTEM
 FOR THE PERIOD 09-21-84 THROUGH 06-30-88
 AT A TOTAL COST OF \$2,006,224.00
 AWARD # NA-84-SAC-00019, MOD. 11
 MSN GRAD SPACE SCI&ENG CT (144-W029) 1,500.00
- 18. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

1) FULBRIGHT-HAYS TRAINING GRANTS DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # P022A80004 MSN GRAD ADMINISTRATION ADMIN

(144-AL22) 119,530.00

2) FULBRIGHT-HAYS FACULTY RESEARCH ABROAD PROGRAM FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # P019A80037 MSN GRAD

15,490.00 (144-AL38)

19. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED FAMILY FOCUSED HOME ECONOMICS PROGRAM INITIATIVES STRENGTHENING MIDDLE SCHOOL AND FAMILY RELATIONS COMPONENTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO #PAI-00163 MSN FR&CS FAM RSRC&CNSM SC ADMIN (144-AK83)

30,591.00

20. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED WISCONSIN LEADERSHIP IN EDUCATIONAL ADMINISTRATION DEVELOPMENT (LEAD) ACADEMY FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AWARD # PO #PAHO1370 MSN EDUC EDUC ADMIN (144-AK95)

2,000.00

21. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED SCHOOL BASED FAMILY OUTREACH TO INCREASE PARENT INVOLVEMENT IN VOCATIONAL EDUCATION PROGRAMS FOR SPECIAL NEEDS STUDENTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO #PAI 00174 MSN EDUC WIS VOC STU CTR W VOC ST C (144-ALO7)

28,365.00

22. WI DEPT OF HELATH AND SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS OS RESEARCH INTO AND DESIGN OF A REFORMED CHILD SUPPORT ENFORCEMENT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # AGR DTD 07-01-88 MSN L&S INST-RES ON POV

(144-AK93) 1,074,749.00

23. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS PHS ERGONOMIC CONSULTATION FOR THE PERIOD 10-27-87 THROUGH 12-31-89 AWARD # PO #FAH58151 MSN ENGR INDUSTRIAL ENGR

(144-AL27) 16,000.00

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- 24. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
 ROCKVILLE, MD
 CANNABINOIDS, PHOSPHOINOSITIDES, AND EICOSANOIDS
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 RO1 DAO3699-05
 MSN HS-MED PHARMACOLOGY (144-AJ10) 100,428.00
- 25. DHHS, PHS, CENTER FOR DISEASE CONTROL
 ATLANTA, GA
 REDUCING BACK STRESS TO NURSING PERSONNEL
 FOR THE PERIOD 06-30-86 THROUGH 07-29-89
 AT A TOTAL COST OF \$65,892.00
 AWARD # 200-86-2923, MOD. 1
 MSN HS-NUR
 (144-Y212) 1,500.00
- 26. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD
 IN SUPPORT OF THE FOLLOWING:
 - 1) ECOG OPERATIONS OFFICE FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AT A TOTAL COST OF \$1,328,002.00 AWARD # 5 U10 CA21115-13, MOD. 1 MSN HS-MED HUMAN ONCOLOGY EAST COOP

2) PRIMATE CENTER MODERINIZATION SUPPLEMENT FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AT A TOTAL COST OF \$3,537,310.00 AWARD # 3 P51 RROO167-2852, MOD. 1

MSN L&S PRIMATE RES CTR (144-AG41) 442,090.00

(144-AG25)

(144-AH72)

386,540.00

129,594.00

- 3) THE IMMUNOBIOLOGY OF HUMAN
 ANTILEUKEMIC LYMPHOCYTES
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 RO1 CA32685-07
 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY
- 4) PROTEOGLYCANS OF THE PLASMA MEMBRANE
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 RO1 HD21881-04
 MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AH78) 123,159.00
- 5) MOLECULAR BIOLOGY OF PROCOLLAGEN TRANSPORT AND SECRETION
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 R29 GM38544-02
 MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AH79) 95,967.00
- 6) UW CLINICAL CANCER CENTER SUPPORT (COMPREHENSIVE)
 FOR THE PERIOD 07-01-88 THROUGH 03-31-89
 AWARD # 2 P30 CA14520-16
 MSN HS-MED HUMAN ONCOLOGY UWCC CENTE (144-AH80) 1,623,368.00
- 7) BEHAVIOR OF P FACTORS MOVABLE ELEMENTS IN
 DROSOPHILA
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 RO1 GM30948-07
 MSN HS-MED GENETICS (144-AJ12) 214,925.00

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8)	NATIONAL BIOMEDICAL NMR RESOURCE AT MADIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 P41 RRO2301-04 MSN AG&LSC BIOCHEMISTRY		257,423.00
9)	MICROCIRCULATION IN THE BEATING HEART FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL39282-02 MSN HS-MED MEDICINE CARDIOLOGY		
10)	CLEAVAGE, POLYADENYLATION AND TRANSPORT OF THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM31892-06 MSN AG&LSC BIOCHEMISTRY		162,071.00
	PROLACTIN SYNTHESIS IN NORMAL AND NEOPLAS TISSUE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 CA18110-14 MSN AG&LSC BIOCHEMISTRY		130,393.00
12)	DIGITALIS BINDING WITH NAK-ATPASE PHOSPHOPROTEOLIPOSOMES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL16549-13 MSN HS-MED PHARMACOLOGY	(144-AJ22)	139,093.00
13)	RISK FACTORS IN BRONCHOPULMONARY DYSPLAST FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL38149-02 MSN HS-MED PREVENTIVE MED		185,607.00
14)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO8 NSO1109-03 MSN HS-MED NEUROLOGY	(144-AJ41)	74,018.00
15)	STRUCTURE OF THE BETA-ADRENERGIC RECEPTOR-CYCLASE SYSTEM FOR THE PERIOD 07-01-88 THROUGH 06-30-89		
16)	ENZYME CATALYSIS OF ELECTRON AND GROUP TO FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK28607-08 MSN GRAD ENZYME INSTITUTE		154,904.00
17)	PHOSPHOINOSITIDE REGULATION OF ERYTHROCY CYTOSKELETON FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R29 GM38906-02 MSN HS-MED PHARMACOLOGY		79,783.00
18)	FIBRONECTIN: ROLE IN PATHOGENSIS OF S. AUREUS INFECTIONS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 AI16881-06 MSN HS-MED MED MICROBIOLOGY	(144-AJ85)	133,184.00

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19)	INFLAMMATION IN RESISTANCE TO BACTERIAL INFECTION FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 AI21343-05 MSN VET M PATHOBIOLGCL SCI	(144-AJ94)	79,735.00
20)	STUDIES IN DEVELOPMENTAL PHONOLOGICAL DIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 RO1 NS26246-01 MSN GRAD WAISMAN CENTER	(144-AJ97)	135,073.00
21)	PROTON-TRANSLOCATING SECTOR OF E. COLI H+-ATPASE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM23105-13 MSN HS-MED PHYSIOLOG CHEM		
22)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO8 DKO1789-02 MSN HS-MED MEDICINE GASTROENT		60,977.00
23)	SPEECH CODING IN THE POSTEROVENTRAL COCHUNUCLEUS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 R29 NS26274-01 MSN HS-MED NEUROPHYSIOLOGY	_EAR	
24)	AN EPIDEMIOLOGICAL STUDY OF DIABETIC RETURNS THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 EYO3083-10 MSN HS-MED OPHTHALMOLOGY	INOPATHY	
25)	INTERACTIONS IN VENTILATORY CONTROL DURING EXERCISE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL36780-02 MSN VET M CMPARTV BIOSCI'S		
26)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAR FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO4 HL01494-04 MSN VET M CMPARTV BIOSCI'S	SD	
27)	LANGUAGE DEVELOPMENT IN DOWN SYNDROME CHI FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HD23353-02 MSN GRAD WAISMAN CENTER		69,009.00
28)	MOLECULAR ANALYSIS OF MITOTIC SPINDLE COMFOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM30385-07		
29)	DETERMINATION OF THE COMPLETE SEQUENCE OF E. COLI FOR THE PERIOD O7-O1-88 THROUGH O6-30-89 AWARD # 1 RO1 GM39598-O1A1 MSN AG&LSC GENETICS	(144-AK81)	540,410.00

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30) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 F32 GM11096-02 MSN HS-MED PHYSIOLOG CHEM	(144-AK84)	26,004.00
31) ACADEMIC/TEACHER AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO7 HL01936-02 MSN HS-MED FAM MED & PRACT	(144-AK85)	84,776.00
32) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 F32 GM12005-02 MSN HS-MED GENETICS		33,000.00
33) ROLE OF SEROTONIN IN TRIGEMINAL AND SPINAL ANALGESIA FOR THE PERIOD O7-01-88 THROUGH 06-30-89 AWARD # 2 RO1 NS21278-04A1 MSN VET M CMPARTV BIOSCI'S	(144-AK87)	76,419.00
34) ANALYSIS OF SYNAPTIC INTERACTION IN INFERIOR COLLICULUS FOR THE PERIOD O7-O1-88 THROUGH O6-30-89 AWARD # 1 R29 NS26285-O1 MSN HS-MED ANATOMY	(144-AK89)	99,360.00
35) THE HYPERTROPHIC CHONDROCYTE AND ITS PERICELLULAR MATRIX FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 RO1 AR35155-04 MSN VET M CMPARTV BIOSCI'S	(144-AK91)	82,813.00
36) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 F32 GM11984-01 MSN L&S ZOOLOGY		24,996.00
37) PHYSICIAN SCIENTIST AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 K11 HL02162-01 MSN HS-MED MEDICINE ENDOCRINOL		63,660.00
38) MECHANISM OF DC AND PULSED IONTOPHORESIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 RO1 GM40410-01 MSN HS-PHR PHARMACY		111,603.00
39) CELLULAR POTENTIAL CHANGES CAUSING CARDIA ARRHYTHMIA FOR THE PERIOD 07;01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL13375-18 MSN HS-MED PHYSIOLOGY		7,238.00

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40)	STUDIES OF ENZYME SUBSTRATES AND INHIBITOFOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK20100-10 MSN HS-PHR PHARMACY		126,461.00
41)	MECHANISM & ACTIVIATION OF RRNA TRANSCRIF FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 7 RO1 GM37048-03 MSN AG&LSC BACTERIOLOGY		139,611.00
42)	SMALL INSTRUMENTATION PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 S15 A127369-01		
43)	VISUAL INTEGRATION IN THE BRAIN FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 EY01916-13		
44)	ANALYSIS OF MYOGENIC GROWTH AND DIFFERENT FOR THE PERIOD 07-01-88 THROUGH 06-30-89	TIATION	
	PHYSICIAN SCIENTIST AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89		
46)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89		18,996.00
47)	DEVELOPMENT OF EFFERENT NERVE FIBERS IN THE COCHLEA FOR THE PERIOD O7-01-88 THROUGH 06-30-89 AWARD # 1 RO1 NS26513-01	(144-AL45)	126,632.00
48)	TACTILE SENSORS FOR THE INSENSATE HAND FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 RO1 NS26328-01 MSN ENGR ELEC & COM ENGR ELEC&COMP		120,434.00
49)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAR FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 KO4 NSO1314-01 MSN HS-MED PHYSIOLOGY		53,568.00
50)	CRYSTALLOGRAPHIC STUDIES OF TROPONIN C FOR THE PERIOD O6-O1-88 THROUGH O2-28-89 AWARD # 2 RO1 AR34139-O4A2 MSN AG&LSC BIOCHEMISTRY		

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51) PHYSICIAN SCIENTIST AWARD
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 7 K11 HD00669-04
MSN HS-MED PEDIATRICS (144-AL53) 100,166.00

52) FERTILITY AGREEMENT AND CONFLICT RESOLUTION FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HD20491-03

MSN L&S SOCIOLOGY (144-AL68) 105,029.00

53) SPEECH ANALYSIS PROGRAMS FOR MICROCOMPUTERS:
EVALUATION
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 1 RO1 NS26226-01
MSN L&S COMMUN DISORDERS (144-AL69) 47,818.00

54) PROTON-TRANSLOCATING SECTOR OF E. COLI H+-ATPASE FOR THE PERIOD O7-O1-87 THROUGH O6-30-88 AT A TOTAL COST OF \$192,939.00 AWARD # 3 RO1 GM23105-12S1, MOD. 1

MSN HS-MED PHYSIOLOG CHEM (144-Z406) 4,290.00

27. MEDICAL COLLEGE OF WISCONSIN, INC.
MILWAUKEE, WI
PRIME CONTRACTOR WITH DHHS PHS NIH
MICROSOMAL ELECTRON TRANSPORT IN LIVER AND
HEART
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # AGR DTD 06/09/88
MSN HS-MED ONCOLOGY (144-AK72) 10,332.00

28. GENERAL ELECTRIC CORPORATE RESEARCH
AND DEVELOPMENT
SCHENECTADY, NY
PRIME CONTRACTOR WITH DOD AF
INVESTIGATION OF ALTERNATE RESONANT LINK
CONVERTER TOPOLOGIES FOR AIRCRAFT GENERATOR
SYSTEMS
FOR THE PERIOD 09-28-87 THROUGH 01-30-90

AT A TOTAL COST OF \$37,550.00 AWARD # P.O. # A02-J00964000, MOD. 1 MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AD12) 17,200.00

29. DOD, ARMY
FREDERICK, MD
EFFECTS OF HIGH ALTITUDE HYPOXIA ON LUNG AND
CHEST WALL FUNCTION DURING EXERCISE AND SLEEP
FOR THE PERIOD 06-30-88 THROUGH 06-30-89
AWARD # DAMD17-88-C-8053
MSN HS-MED PREVENTIVE MED (144-AK82) 195,065.00

30. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

1) DESIGN TOOLS FOR SPLINE CURVES
FOR THE PERIOD 08-01-88 THROUGH 01-31-89
AWARD # DAALO3-88-K-0147
MSN L&S CTR MATH SCI (144-AK96) 20,000.00

2) CENTER FOR ADVANCED PROPULSION SYSTEMS-OPERATING
PORTION
FOR THE PERIOD 10-01-86 THROUGH 09-30-89
AT A TOTAL COST OF \$2,419,759.00
AWARD # DAALO3-86-K-0174, MOD. 4
MSN ENGR ENGR EXPER STA I COMBUSTN (144-Y670) 1,329,451.00

31. DOD, NAVY
ARLINGTON, VA
DESIGN AND SYNTHESIS OF MOLECULAR SYSTEMS
CAPABLE OF SUPPORTING INTRACAVITY CHEMICAL
REACTIONS
FOR THE PERIOD 06-01-88 THROUGH 05-31-89
AWARD # NOO014-88-K-0358
MSN L&S CHEMISTRY (144-AH98) 80,903.00

32. DOD, NAVY
STENNIS SPACE CENTER, MS
ACOUSTIC REFLECTIONS AND DIFFRACTIONS
(REVERBERATIONS) FROM A ROUGH BOTTOM
FOR THE PERIOD O8-15-88 THROUGH O8-14-89
AWARD # NOOO14-88-K-6007
MSN L&S GEOL & GEOPHYSCS GEO&POL R (144-AL56) 24,900.00

33. DOD, NAVY
WASHINGTON, DC
THE PREPARATION AND CHARACTERIZATION OF THE
ELECTRONIC PROPERTIES OF SN-BASED DIRECT GAP
GROUP IV SEMICONDUCTORS
FOR THE PERIOD O8-15-86 THROUGH 12-31-88
AT A TOTAL COST OF \$413,100.00
AWARD # NOO014-86-K-2022, MOD. 5
MSN GRAD SYNCHR RAD CTR SYNCH-RAD (144-Y398) 146,000.00

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

1) STARCH SYNTHESIS IN THE MAIZE ENDOSPERM AS
AFFECTED BY STARCH-SYNTHESIZING MUTANTS
FOR THE PERIOD 06-15-88 THROUGH 06-14-89
AWARD # DE-FG02-88ER13863
MSN AG&LSC GENETICS (144-AH95) 78,650.00

2) ORGANIZATION OF THE R CHROMESOME REGION IN MAIZE FOR THE PERIOD 06-01-88 THROUGH 05-31-90 AWARD # DE-FG02-86ER13539 MSN AG&LSC GENETICS (144-AH96) 122,000.00

3) ORGANOMETALLIC CHEMISTRY OF BI-METALLIC
COMPOUNDS
FOR THE PERIOD 07-01-88 THROUGH 10-31-89
AWARD # DE-FG02-85ER13406
MSN L&S CHEMISTRY (144-AK29) 150,000.00

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4) THE STABILTIY OF AMORPHOUS METAL FILMS ON SEMICONDUCTOR SUBSTRATES FOR THE PERIOD 07-01-88 THROUGH 01-31-89 AWARD # DE-FG02-84ER45096 MSN ENGR MET & MIN ENGR (144-AK73) 51,300.00

5) MOLECULAR MECHANISM OF ENERGY TRANSDUCTION
BY PLANT MEMBRANE PROTEINS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # DE-FG02-88ER13938
MSN AG&LSC HORTICULTURE (144-AL66) 73,000.00

35. ENERGY, DEPT OF
LAS VEGAS, NV
DEVELOPMENT OF THE SYMMETRIC ILLUMINATION,
ICF TRITIUM PRODUCTION FACILITY, SIRIUS-T
FOR THE PERIOD O5-04-88 THROUGH O5-03-89
AT A TOTAL COST OF \$268,000.00
AWARD # DE-ASO8-88DP10754, MOD. I
MSN ENGR ENGR EXPER STA FUSION TEC (144-AG97) 103,000.00

36. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
SINGLE DROPLET VAPOR EXPLOSION EXPERIMENTS
FOR THE PERIOD 07-06-88 THROUGH 09-30-88
AWARD # CONTRACT #81752401
MSN ENGR NUC ENGR&E PHYSC (144-AL06) 10,285.00

37. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
ENGINEERING & DESIGN OF MAGNETIZING COILS FOR THE
BACKING CALORIMETER/MUON SPECTROMETER AND TESTING
OF PHOTOMULTIPLIER TUBES/MAGNETIC SHIELDS/MOUNTING
HARDWARE FOR THE BARREL CALORIMETER OF THE
HERA/ZEUS DETECTOR
FOR THE PERIOD O6-08-87 THROUGH 12-31-88
AT A TOTAL COST OF \$476,479.00
AWARD # NO. 71402402, MOD. 4
MSN L&S PHYSICS (144-Z509) 131,900.00

38. FERMI NATIONAL ACCELERATOR LABORATORY
BATAVIA, IL
PRIME CONTRACTOR WITH DOE
METALLURGICAL STUDIES & WORK ASSOCIATED WITH THE
SUPERCONDUCTING MATERIALS PROCUREMENT FOR LOW BETA
QUADS
FOR THE PERIOD 02-02-87 THROUGH 09-30-88
AT A TOTAL COST OF \$23,040.00
AWARD # PO #928540, MOD. 4
MSN ENGR ENGR EXPER STA SUPRCONDCT (144-Z090) 3,000.00

39. EAGLE-PICHER IND. INC
JOPLIN, MO
PRIME CONTRACTOR WITH DOE
CONDUCTIVITY MEASUREMENTS ON NA B-ALUMINA
FOR THE PERIOD 02-29-88 THROUGH 09-30-88
AWARD # PO #FC22988
MSN ENGR MET & MIN ENGR (144-AL32) 375.38

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40. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH INTER
ACOUSTIC ASSESSMENT OF FORAGE FISH IN LAKE
MICHIGAN
FOR THE PERIOD 10-01-86 THROUGH 06-30-89
AT A TOTAL COST OF \$438,553.00
AWARD # NRI 91206, MOD. 3
MSN L&S LIMNOLOGY CTR (1

(144-Y634) 128.814.00

- 41. INTER, FISH AND WILDLIFE SERVICE
 WASHINGTON, DC
 SURVEY OF SELECTED SPECIES FROM THE MISSISSIPPI
 SANDHILL CRANE NATIONAL WILDLIFE REFUGE FOR
 EVIDENCE OF TUMORS
 FOR THE PERIOD 04-01-88 THROUGH 12-31-90
 AWARD # 14-16-0009-87-955/2-3
 MSN AG&LSC VETERINARY SCI (144-AL31) 40,100.00
- 42. WI DEPT OF NATURAL RESOURCES
 MADISON, WI
 PRIME CONTRACTOR WITH INTERFWS
 FISHERIES RESEARCH MADISON LAKES
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # AGR DTD 07-01-88
 MSN L&S LIMNOLOGY CTR (144-AKO9) 165,000.00

43. NATIONAL AERONAUTICS AND SPACE ADMIN
CLEVELAND, OH
DESIGN AND EVALUATION OF AN APPARATUS FOR
EXPERIMENTS ON THE VAPORIZATION OF FUEL DROPLETS
IN A SUPER CRITICAL ENVIRONMENT AT MICROGRAVITY
CONDITIONS
FOR THE PERIOD 04-15-86 THROUGH 07-04-89
AT A TOTAL COST OF \$483,600.00
AWARD # NAG3-718, MOD. 5

MSN ENGR MECHANICAL ENGR (144-X826) 155,000.00

44. NATIONAL AERONAUTICS AND SPACE ADMIN HAMPTON, VA SCIENCE SUPPORT FOR ERBE FOR THE PERIOD 05-15-86 THROUGH 07-31-89 AT A TOTAL COST OF \$421,000.00 AWARD # NAS1-18272, MOD. 8 MSN GRAD SPACE SCI&ENG CT

(144-X922) 104,000.00

45. UNIVERSITES SPACE RESEARCH ASSOCIATION COLUMBIA, MD PRIME CONTRACTOR WITH NASA TELESCIENCE TESTBED PILOT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 10-31-88 AT A TOTAL COST OF \$60,000.00 AWARD # 800-72, MOD. 3 MSN GRAD SPACE SCI&ENG CT

(144-Z963) 10,000.00

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MSN L&S

46. NASA, GODDARD SPACE FLIGHT CENTER GREENBELT, MD HIGH SPEED PHOTOMETER GTO SUPPORT FOR THE PERIOD 05-01-86 THROUGH 10-15-88 AT A TOTAL COST OF \$88,000.00 AWARD # NAS5-29448, MOD. 3

(144-X910) 14,000.00

47. NASA MARSHALL SPACE FLIGHT CENTER MARSHALL SPACE FLIGHT CENTER, AL COMPARATIVE X-RAY & OPTICAL STUDIES OF NEARBY ABELL CLUSTERS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # NAG8 725 SPACE ASTRON LAB MSN L&S

SPACE ASTRON LAB

(144-AL16) 31,616.00

13,923,60

37,000.00

- 48. STATE HISTORICAL SOCIETY OF WISCONSIN MADISON, WI PRIME CONTRACTOR WITH NEH CENTER FOR THE STUDY OF THE AMERICAN CONSTITUTION FOR THE PERIOD 04-01-87 THROUGH 06-30-88 AWARD # CK'S #8654-135 & 157 (144-AL42) MSN L&S HISTORY
- 49. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
 - 1) MATHEMATICAL SCIENCES: INDEX THEORIES FOR G-SPACES AND FIXED POINTS FOR THE PERIOD 06-15-88 THROUGH 11-30-89 AWARD # DMS-8722295 MSN L&S MATHEMATICS (144-AH75) 49,500.00

2) MATHEMATICAL SCIENCES: NONASSOCIATIVE ALGEBRAS FOR THE PERIOD 07-01-88 THROUGH 12-31-89

AWARD # DMS-8800691 MATHEMATICS (144-AH82) 47,050.00 MSN L&S

3) COLLABORATIVE RESEARCH: KRISP 88-89: KENYA RIFT INTERNATIONAL SEISMIC PROJECT - AN INTERNATIONAL COOPERATIVE EXPERIMENT: SEISMIC ARRAY STUDY FOR THE PERIOD 07-15-88 THROUGH 12-31-89 AWARD # EAR-8708383 GEOL & GEOPHYSCS GEO&POL R (144-AH83) MSN L&S

4) ENHANCING INTERACTIVE TEACHING AND LEARNING: EXPANDING RESOURCES AND TEACHER PREPARATION FOR THE PERIOD 06-15-88 THROUGH 11-30-89 AWARD # TPE-8751837 CHEMISTRY MSN L&S (144-AJ37) 1,040,419.00

5) ANTIPREDATOR RESPONSES OF DAPHNIA PULEX FOR THE PERIOD 08-01-88 THROUGH 01-31-91 AWARD # BSR-8805805 ZOOLOGY (144-AJ49) 131,849.00 MSN L&S

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6)	COHMAP-COOPERATIVE HOLOCENE MAPPING PROJE FOR THE PERIOD 07-01-88 THROUGH 01-31-89 AWARD # ATM-8713227 MSN ENV ST CTR FOR CLIM RES		101,775.00
7)	ECONOMETRIC ANALYSIS OF DECISION MAKING FOR THE PERIOD 07-15-88 THROUGH 12-31-89 AWARD # SES-8808276 MSN L&S INST-RES ON POV		
8)	MOLECULAR BIOLOGY OF CHEMOSENSING IN BACTERIAL CHEMOTAXIS FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # BNS-8804849 MSN AG&LSC BIOCHEMISTRY		75,600.00
9)	PURCHASE OF PICOSECOND LASER SYSTEM FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # CHE-8804083 MSN L&S CHEMISTRY		161,000.00
10)	CRYSTALLOGRAPHIC DISORDER SURFACES (REU SUPPLEMENT) FOR THE PERIOD 02-01-87 THROUGH 07-31-89 AWARD # DMR-8615089 MSN ENGR MET & MIN ENGR		8,000.00
11)	PHYSICAL CHEMICAL BASIS OF CONTROL OF GENEXPRESSION FOR THE PERIOD 09-01-88 THROUGH 02-28-90 AWARD # CHE-8803673 MSN L&S CHEMISTRY		210,000.00
12)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-15-88 THROUGH 12-31-89 AWARD # PHY-8815113 MSN L&S PHYSICS		25,000.00
13)	PURCHASE OF 400MHZ WB NMR SPECTROMETER FOR THE PERIOD 07-15-88 THROUGH 12-31-89 AWARD # CHE-8813550 MSN L&S CHEMISTRY		240,000.00
14)	MOLECULAR MECHNISMS OF RNA PROCESSING FOR THE PERIOD O8-01-88 THROUGH 01-31-90 AWARD # DMB-8805421 MSN HS-MED GENETICS	(144-AL73)	100,000.00
15)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 09-01-85 THROUGH 02-28-90 AT A TOTAL COST OF \$250,000.00 AWARD # DMB-8451884, MOD. 3 MSN GRAD INST MOL VIR INST MOL V	(144-W896)	62,500.00
16)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD O8-15-85 THROUGH O1-31-90 AT A TOTAL COST OF \$212,500.00 AWARD # DMR-8451933, MOD. 4 MSN ENGR MET & MIN ENGR	(144-W975)	62,500.00

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RESI	EARCH		
17)	STUDIES OF THE APPLICATION OF COGNITIVE A INSTRUCTIONAL SCIENCE TO MATHEMATICS INST FOR THE PERIOD 08-01-85 THROUGH 01-31-90 AT A TOTAL COST OF \$969,955.00 AWARD # MDR-8550236, MOD. 3 MSN EDUC WIS CTR EDUC RES		199,620.00
18)	ROLE OF SYMMETRIC INSTABILITY IN MESOSCAL PRECIPITATION PHENOMENA FOR THE PERIOD 03-15-86 THROUGH 08-31-89 AT A TOTAL COST OF \$251,900.00 AWARD # ATM-8514730, MOD. 2 MSN L&S METEOROLOGY	(144-X730)	88,400.00
19)	MATHEMATICAL SCIENCES: GROUPS AND RINGS FOR THE PERIOD 05-15-86 THROUGH 10-31-89 AT A TOTAL COST OF \$267,930.00 AWARD # DMS-8521704, MOD. 3 MSN L&S MATHEMATICS	(144-X879)	12,080.00
20)	TOPAZ - A LABORATORY FOR RESEARCH IN PARALLEL COMPUTING FOR THE PERIOD 07-01-86 THROUGH 12-31-89 AT A TOTAL COST OF \$2,409,987.00 AWARD # DCR-8521228, MOD. 2 MSN L&S COMPUTER SCI	(144-Y055)	484,376.00
21)	ANALYSES OF CELL DEVELOPMENT: BLASTOCLAR ZOOSPORE ENCYSTMENT FOR THE PERIOD 07-01-86 THROUGH 12-31-89 AT A TOTAL COST OF \$258,000.00 AWARD # DCB-8602106, MOD. 2 MSN L&S ZOOLOGY		89,000.00
22)	ADSORPTION OF PROTEINS AT FLUID INTERFACE ROLE OF PROTEIN STRUCTURE FOR THE PERIOD O6-O1-87 THROUGH 11-30-89 AT A TOTAL COST OF \$168,897.00 AWARD # CBT-8616970, MOD. 1 MSN AG&LSC FOOD SCIENCE		67,723.00
23)	CONTROL OF MICROTUBULE ASSEMBLY IN THE MITOTIC APPARATUS FOR THE PERIOD O6-O1-87 THROUGH 11-30-89 AT A TOTAL COST OF \$164,000.00 AWARD # DCB-8700295, MOD. 1 MSN GRAD MOLECULAR BIOL	(144-Z340)	84,000.00
24)	METAL- AND NONMETAL BORON CLUSTERS: SYNT CHEMICAL AND MECHANISTIC STUDIES FOR THE PERIOD 07-01-87 THROUGH 12-31-89	THETIC,	

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25) PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 12-31-89 AT A TOTAL COST OF \$90,200.00 AWARD # DMR-8657109, MOD. 1 MSN L&S PHYSICS

(144-Z611) 29,000.00

26) ESTABLISHMENT OF A LABORATORY OF ARCHAEOLOGICAL CHEMISTRY FOR THE PERIOD 09-01-87 THROUGH 02-28-90 AT A TOTAL COST OF \$305,656.00 AWARD # BNS-8702731, MOD. 1 MSN L&S ANTHROPOLOGY

(144-Z642) 92,877.00

27) SIPP ACCESS: FACILITY FOR THE ANALYSIS OF LARGE-SCALE COMPLEX LONGITUDINAL DATA FOR THE PERIOD 08-15-87 THROUGH 01-31-90 AT A TOTAL COST OF \$415,141.00 AWARD # SES-8701911, MOD. 1 MSN L&S INST-RES ON POV (

(144-Z838) 160,991.00

28) PRESIDENTIAL YOUNG INVESTIGATOR AWARD: NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF ADSORBED SPECIES
FOR THE PERIOD O8-O1-87 THROUGH O1-31-90
AT A TOTAL COST OF \$70,000.00
AWARD # CBT-8657496, MOD. 1
MSN ENGR CHEMICAL ENGR (144-Z)

(144-2854) 45,000.00

29) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
THEORETICAL NUCLEAR PHYSICS
FOR THE PERIOD 10-01-87 THROUGH 03-31-90
AT A TOTAL COST OF \$53,698.00
AWARD # PHY-8657022, MOD. 1
MSN L&S PHYSICS

(144-Z867) 26,000.00

113,410.00

2.951.05

- 30) ELECTRICAL IMPEDANCE TOMOGRAPHY FOR MEDICAL IMAGING
 FOR THE PERIOD 09-01-87 THROUGH 02-28-90
 AT A TOTAL COST OF \$228,210.00
 AWARD # EET-8714618, MOD. 1
 MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z918)
- 50. VETERANS ADMIN
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 - 1) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-86 THROUGH 09-30-88 AT A TOTAL COST OF \$19,924.30 AWARD # AGR DTD 10-14-86, MOD. 4 MSN HS-MED MEDICINE DERMATOLGY (144-Y694)
 - 2) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT
 FOR THE PERIOD 10-01-86 THROUGH 09-30-88
 AT A TOTAL COST OF \$43,101.57
 AWARD # AGR DTD 10-14-86, MOD. 4
 MSN HS-MED MEDICINE GEN INT MD (144-Y695) 5,803.82

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81.	NOR-AM CHEMICAL COMPANY WILMINGTON, DE EPIDEMIOLOGY AND CONTROL OF VEGETABLE CRO DISEASES)P	
	MSN AG&LSC PLANT PATHOLOGY	(133-E035)	1,000.00
82.	RACINE, WI EFFECT OF DIGESTED SEWAGE SLUDGE ON CROPI	_AND (133-E270)	4,000.00
83.	SUPPORT ELECTRON MICROSCOPE FACILITY AND ASSOCIATED RESEARCH PROJECTS	(133-E866)	200 00
84.	그는 그는 없다. 경험들이 나는 다른 사람이 없었다. 하다	(133-6866)	200.00
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	PROGRAM FOR THE DEVELOPMENT OF A PREVENT: SERVICE PROGRAM FOR VIETNAM	IVE HEALTH	
	MSN HS-MED PREVENTIVE MED	(133-F298)	5,000.00
90.	MINNEAPOLIS, MN GENERAL RESEARCH		
	MSN AG&LSC FOOD SCIENCE	(133-F506)	500.00

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91.	KALAMAZOO, MI CARDIOVASCULAR RESEARCH	(133-F905)	600.00
92.	MULTIPLE DONORS DISCRETIONARY FUND FOR DIABETES RESEARCH MSN HS-MED MEDICINE ENDOCRINOL	(133-G024)	200.00
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96.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	3,267.53
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL DEPARTMENTAL OFFICE AND RESEARCH EXPENSES MSN HS-MED ANESTHESIOLOGY		1,600.00
98.	21ST CENTURY GENETICS SHAWANO, WI BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICSAN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE		12,025.00
99.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	135.00
100.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	
	1,250.00 ICI AMERICAS INC. WILMINGTON, DE 1,250.00 AMERICAN CYANAMID COMPAN	NY	

2,500.00

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101.	PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND	(133-H233)	100.00
102.			
	BOISE, ID RESEARCH ON VIRUSES IN POTATOES: POTATO TUBER VIROID, RINGROT	SPINDLE	
	MSN AG&LSC PLANT PATHOLOGY	(133-H698)	1,000.00
103.	MADISON, WI		
	GRAINGER FACULTY SCHOLAR MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-H729)	12,000.00
104.	INTERNATIONAL BUSINESS MACHINE CORPORATI ROCHESTER, MN	ON	
	UNRESTRICTED FUNDS FOR ENGINEERING MINOR PROGRAM	ITY	
	MSN ENGR MINORITIES ENGR	(133-H821)	1,200.00
105.	MULTIPLE DONORS ALS RESEARCH		
		(133-H941)	60.00
106.	AND NUTRITIONAL GROUP EVANSVILLE, IN		
	NUTRITIONAL BENEFITS OF CYSTIC FIBROSIS NEONATAL SCREENING AT A \$18,500 LEVEL MSN HS-MED PEDIATRICS	(133-J083)	6,050.00
107.	HARTFORD, CT UTILITY OF SERUM TYPE I PROCOLLAGEN LEVE		
	BIOCHEMICAL MARKER OF NORMAL AND ABNORMA MSN HS-MED PATHOL & LAB MED ANAT PATH		1,000.00
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NURSING RESEARCH FUND		
		(133-J357)	1,734.00
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	MSN AG&LSC N R-RSRC POLICY	(133-J385)	20,000.00
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111.	SYRACUSE, NY EST 2382 - STUDY OF PLATINOL & RADIATION IN HEAD & NECK CANCER AWARD # STUDY #100-056-001		
112.	MSN HS-MED HUMAN ONCOLOGY EAST COOP FOUNDATION FOR INTERIOR DESIGN EDUCATION RESEARCH	(133-J439)	15,000.00
	NEW YORK, NY STUDY OF INTERIOR DESIGN PARA-PROFESSION PROGRAMS MSN FR&CS FAM RSRC&CNSM SC ADMIN	AL (133-J600)	3,000.00
113.	AYERST LABORATORIES NEW YORK, NY DOUBLE-BLIND EVALUATION OF THE LONG TERM OF ULTRADOL IN PATIENTS WITH ACTIVE RHEUMARTHRITIS MSN HS-MED MEDICINE RHEUMATOL	MATOID	13,164.84
114.	- 프로마 - 1일 프램트 에 크리스 크린트 - 이번드 - 트리트리스 프	(133-J878)	
115.	PIG IMPROVEMENT COMPANY, INC. SPRING GREEN, WI TISSUE CONTENT FOR FIVE LINES OF SWINE MSN AG&LSC MEAT& ANIMAL SCI	(133-J880)	3,877.25
116.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE	(133-J974)	5,000.00
117.	MULTIPLE DONORS DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	300.00
118.	DISEASE MANAGEMENT IN WISCONSIN FRUIT CR		
	1,000.00 CIBA-GEIGY GREENSBORD, NC 2,250.00 RHONE-POULENC AG COMPAN KALAMAZOO, MI	Υ	
			3,250.00
119.	PURDUE FREDERICK COMPANY NORWALK, CT COMPARISON OF METERED-DOSE ALBUTEROL AND UNIPHYL AS FIRST LINE ASTHMA THERAPY		
	MSN HS-MED MEDICINE ALLRGY&IMM	(133-K392)	15,057.00

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120.	WISCONSIN MINT BOARD, INC. MADISON, WI IMPROVEMENT OF THE WISCONSIN MINT OIL IN MSN AG&LSC RESEARCH DIV		20,000.00
121.	NATIONAL CHEESE INSTITUTE ALEXANDRIA, VA ANALYSIS OF CHEESE AND CHEESE PRODUCTS F MOISTURE FOR THE PERIOD 07-01-86 THRU 06 MSN AG&LSC FOOD SCIENCE	-30-87	2,500.00
122.	ICI AMERICAS INC. WILMINGTON, DE GROWTH FACTORS RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-K540)	30,000.00
123.	CIBA-GEIGY CORPORATION GREENSBORO, NC RESEARCH ON RHIZOSPHERE EFFECTS OF METAL MSN AG&LSC PLANT PATHOLOGY	AXYL (133-K619)	13,500.00
124.	WISCONSIN SHEEP BREEDERS COOPERATIVE CEDARBURG, WI SHEEP PROJECTS MSN AG&LSC MEAT& ANIMAL SCI	(133-K865)	500.00
125.	COOK PACEMAKER CORPORATION LEECHBURG, PA ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-K875)	700.00
126.	INSITE VISION, INC. OAKLAND, CA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K881)	12,500.00
127.	MULTIPLE DONORS WORK-STUDY SUPPORT IN JOINT PROJECT RESE INVOLVING LIZARD BIOENERGETICS MSN L&S ZOOLOGY		172.38
128.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMEN WOMEN WITH STAGE I BREAST CANCER MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM		50,000.00
129.	PROCTER & GAMBLE COMPANY CINCINNATI, OH BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	15,000.00
130.	BRISTOL-MYERS EVANSVILLE, IN EFFICACY OF TRANZODONE IN THE TREATMENT OF FIBROSITIS MSN HS-MED NEUROLOGY	(133-1 224)	4,700.00
	MSIA 113 MED NEOROLOGI	(133 L/224)	4,700.00

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131.	STUART PHARMACEUTICALS WILMINGTON, DE STUART ALDOSE REDUCTASE INHIBITOR TRIAL: NEUROPATHY, CATARACT, MACULAR EDEMA AND RETINOPATHY MSN HS-MED OPHTHALMOLOGY	(133-L251)	10,300.00
132.	MILWAUKEE, WI ASPECTS OF EXPERIMENTAL MYELINATION OF TI CORD AND ITS RELATIONSHIP TO MULTIPLE SCI	HE SPINAL LEROSIS (133-L333)	6,000.00
133.	ABBOTT LABORATORIES ABBOTT PARK, IL CLINICAL STUDY OF LEUPROLIDE MSN HS-MED OBSTET & GYNECOL	(133-L340)	3,000.00
134.	LOREX PHARMACEUTICALS SKOKIE, IL THE USE OF ALPIDEM IN PATIENTS WITH GENERANXIETY DISORDER AWARD # LXTO3 MSN HS-PSY PSYCHIATRIC INST	(133-L490)	3,000.00
135.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI STATE SUPERINTENDENT'S TASK FORCE ON SCHI LEADERSHIP, TRAINING AND LICENSURE FOR TO PERIOD 05-26-87 THRU 06-30-88 AWARD # PAGO2239,PAHO1001,PAIO170 MSN EDUC EDUC ADMIN		5,404.00
	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA FEASIBILITY STUDY OF A CONVERTER OPTIMIZ INDUCTION MOTOR FOR THE PERIOD O4-13-87 THRU 12-31-88 AWARD # RP 2624-2 MSN ENGR ELEC & COM ENGR ELEC&COMP		9,253.00
137.	LUNAR RADIATION CORPORATION MADISON, WI 1-ALPHAHYDROXY VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-L597)	1,731.87
138.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SA FOLLOWING MYOCARDIAL INFARCTION: EFFECT CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE CARDIOLOGY	OF	10,000.00
139.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S ENGLISH	(133-L629)	18,014.00

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140.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S PHILOSOPHY	(133-L630)	16,038.00
141.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S FRENCH & ITALIAN	(133-L631)	15,203.00
142.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S ENGLISH	(133-L632)	17,297.00
143.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN EDUC ART	(133-L633)	10,040.00
144.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S AFRO-AM STUDIES	(133-L634)	13,935.00
145.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S SCHOOL OF MUSIC	(133-L636)	18,187.00
146.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S HISTORY	(133-L637)	13,868.00
147.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S GERMAN	(133-L638)	15,051.00
148.	SEED-PREP CORPORATION SARASOTA, FL ALFALFA RESEARCH MSN AG&LSC AGRONOMY	(133-L700)	3,600.00
149.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PERLMAN-BASCOM PROFESSORSHIP/WEIZMANN COLLABORATION MSN GRAD MOLECULAR BIOL	(133-L764)	1,512.75

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150.	DOW CHEMICAL U.S.A. CHAMPAIGN, IL NITROGEN FERTILIZER RESEARCH MSN AG&LSC SOIL SCIENCE	(133-L809)	4,000.00
151.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ANALYSIS OF WATER SAMPLES FROM AREA LAKE FOR THE PERIOD 06-01-87 THRU 06-30-88 AWARD # NRG 92434 MSN L&S LIMNOLOGY CTR	S (133-L823)	500.00
152.	OAK BROOK, IL HEAT TREATMENT OF GROUND BEEF ON A SPECI	AL GRILL (133-L930)	10,000.00
153.	ACADEMY OF FINLAND NATIONAL RESEARCH COUNCIL FOR AGRICULTUR AND FORESTRY HELSINKI, FINLAND FACTORS AFFECTING COLD HARDINESS IN FORE MSN AG&LSC N RSRCS-FORESTRY		9,000.00
154.	WISC DEPT OF NATURAL RESOURCES MADISON, WI STATISTICAL METHODS TO DETERMINE COMPLIA NUMERICAL GROUNDWATER STANDARDS FOR THE PERIOD 08-05-87 THRU 12-31-88 MSN ENGR CIVIL & ENV ENGR	NCE WITH (133-L978)	7,660.00
155.	INTERNATIONAL BUSINESS MACHINES CORPORAT HOPEWELL JUNCTION, NY DIELECTRIC BREAKDOWNS FOR THE PERIOD 07- THRU 06-30-89 AWARD # 618, P.O.#7S 153407 Z MSN ENGR MET & MIN ENGR		81,100.00
156.	JOHNSON CONTROLS, INC. MILWAUKEE, WI UNRESTRICTED GRANT FOR SOLAR ENERGY RESE AWARD # M 31505 MSN ENGR MECHANICAL ENGR	ARCH (133-M163)	20,000.00
157.	POWER & ENERGY INTERNATIONAL, INC. BELOIT, WI STUDY IN TRIBOLOGY AND VIRATION MSN ENGR MECHANICAL ENGR	(133-M177)	2,000.00
158.	HANA BIOLOGICS, INC. ALAMEDA, CA PROLIFERATED HUMAN PANCREAS CELL TRANSPL MSN HS-MED SURGERY GEN SURG	ANTATION (133-M194)	2,535.00
159.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 06-01-88 THRU 06-30-89 MSN GRAD L&S HISTORY	(133-M366)	7,548.00

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160.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM THE PERIOD 07-01-88 THRU 06-30-89 MSN GRAD ENGINEERING INDUS ENGR		10,005.00
161.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD O7-01-88 THRU 06-30-89 MSN GRAD WAISMAN CENTER	(133-M369)	9,720.00
162.	BELOIT (CITY OF) BELOIT, WI DOWNTOWN REVITILIZATION FOR BELOIT, WI MSN AG&LSC NR-LANDSCAP ARCH	(133-M443)	2,000.00
163.	KOHLER COMPANY KOHLER, WI EVALUATION OF PM PILOT EXCITOR AWARD # 10-61942-L-O1 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M444)	1,570.00
164.	MANASSAS, VA THE APPLICABILITY OF KNOWLEDGE-BASED SYS ON THE SECURITIES INDUSTRY AWARD # 191279-WG, WF-MMH-4		18,750.00
165.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WEAR RESISTANT COATINGS RESEARCH	(133-M611)	10,000.00
166.	BATTLE CREEK, MI FACULTY SEMINAR ON FUTURE DIRECTIONS FOR CONTINUING EDUCATION FOR THE PERIOD 01-15-88 THRU 03-14-89	(133-M676)	85,500.00
167.	CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHWHICH INCLUDE CELERY, GINSENG, PEAS, BEARCRUCIFERS MSN AG&LSC PLANT PATHOLOGY	NS AND	
	500.00 PENNWALT CORPORATION INDIANAPOLIS, IN 1,000.00 CIBA-GEIGY CORPORATION GREENSBORD, NC	(133-M707)	
			1,500.00
168.			
	POLYCYSTIC KIDNEY DISEASE RESEARCH MSN VET M SURGICAL SCI	(133-M730)	20.00

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

169	CIBA-GEIGY CORPORATION			
	SUMMIT, NJ A DOUBLE-MASKED, PLACEBO STUDY TO DETERMINE THE E OF DICLOFENAC SODIUM OPH ON CONTACT LENS ASSOCIAT CONJUNCTIVITIS MSN HS-MED OPHTHALMOLOGY	EFFECT OF MULTIPLE HTHALMIC SOLUTION FED GIANT PAPILLAR	DOSES 0.1%	10,850.00
170.	VILAS (WILLIAM F) TRUST	ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE 07-01-88 THRU 06-30-89 MSN L&S PHILOSOPHY		(133-M771)	15,121.00
171.	VILAS (WILLIAM F) TRUST	ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE O7-O1-88 THRU O6-30-89 MSN L&S HISTORY	PERIOD	(133-M772)	17,602.00
172.	VILAS (WILLIAM F) TRUST	ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE			
	07-01-88 THRU 06-30-89 MSN L&S HEBREW & SEM		(133-M773)	15,341.00
	VILAS (WILLIAM F) TRUST MADISON, WI	ESTATE		
	VILAS ASSOCIATE FOR THE O7-O1-88 THRU O6-30-89 MSN L&S ENGLISH	PERIOD	(133-M774)	15,429.00
174.	VILAS (WILLIAM F) TRUST	ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE O7-O1-88 THRU O6-30-89 MSN L&S SPANISH & POR		(133-M775)	16,663.00
175.		ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE O7-O1-88 THRU O6-30-89 MSN L&S GERMAN	PERIOD	(133-M776)	16,386.00
176.	VILAS (WILLIAM F) TRUST	ESTATE		
	MADISON, WI VILAS ASSOCIATE FOR THE O7-O1-88 THRU O6-30-89 MSN L&S COMMUN ARTS		(133-M777)	13,989.00
177.	VILAS (WILLIAM F) TRUST MADISON, WI	ESTATE		
	VILAS ASSOCIATE FOR THE 07-01-88 THRU 06-30-89 MSN L&S HISTORY	PERIOD	(133-M778)	16,738.00

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178.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD O7-01-88 THRU 06-30-89 MSN EDUC ART	(133-M779)	13,098.00
179.	GENERAL FOODS CORP. WHITE PLAINS, NY MICROBIOLOGICAL STABILITY OF FRESH PASTA MSN AG&LSC FOOD MICRO&TOXIC	(133-M822)	3,500.00
180.	WISCONSIN POWER & LIGHT COMPANY { MADISON, WI SOIL FERTILITY STUDIES MSN AG&LSC SOIL SCIENCE	(133-M834)	3,000.00
181.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A MULTICENTER STUDY OF FIORINAL WITH COD (1/2 GR), FIORINAL, CODEINE PHOSPHATE (3 AND PLACEBO IN TENSION HEADACHE AWARD # 15-01 MSN HS-MED NEUROLOGY	O MG),	2 000 00
182.	PARKE-DAVIS ANN ARBOR, MI A MULTICENTER, DOUBLE-BLIND, PLACEBO-CON TWO-WEEK, CROSSOVER STUDY OF THE EFFICAC SAFETY OF PROCATEROL IN OUTPATIENTS WITH REVERSIBLE BRONCHIAL AIRWAY OBSTRUCTION	Y AND	
183.	MSN HS-MED MEDICINE ALLRGY&IMM EGG PRODUCTS, INC. MUSKEGO, WI HARD COOKED EGG SHELF LIFE MSN AG&LSC POULTRY SCIENCE	(133-M858) (133-M877)	
184.		(133-M908)	
185.	SLOAN (LAFRED P.) FOUNDATION NEW YORK, NY ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR PERIOD 09-16-88 THRU 09-15-89 AWARD # BR-2843 MSN L&S ECONOMICS	THE (133-M968)	25,000.00
186.		(133-N004)	3,300.00

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RESEARCH

187.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI		
	DETERMINATION OF LEGUME N CREDITS AS AFFE STAND DENSITY AND LAST HAY-YEAR MANAGEMEN FOR THE PERIOD 06-10-88 THRU 12-31-90	NT 1.	
	MSN AG&LSC SOIL SCIENCE	(133-NO35)	35,179.00
188.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY		
	WISCONSIN TAMOXIFEN STUDY: TOXICITY IN POMENOPAUSAL WOMEN WITH STAGE 1 BREAST CANORD THE PERIOD 07-01-88 THRU 06-30-89 AWARD # PDT-302A		
	MSN HS-MED HUMAN ONCOLOGY PREV ONCOL	(133-N036)	85,000.00
189.	DIABETES RESEARCH AND EDUCATION FOUNDATION BRIDGEWATER, NJ	ON	
	BIOCHEMICAL MECHANISM (S) CONTRIBUTING TO INSULIN RESISTANCE		
	MSN AG&LSC NUTRITIONAL SCI	(133-NO38)	20,000.00
190.	MCDONALD'S CORPORATION OAK BROOK, IL		
	CONTROL OF COLONIZATION OF SALMONELLA MSN AG&LSC FOOD MICRO&TOXIC	(133-N039)	30,000.00
191.	DIABETES RESEARCH & EDUCATION FOUNDATION		
	BRIDGEWATER, NJ LYMPHOCYTE GENES UNIQUE TO RECENT ONSET TYPE I DIABETES		
	MSN HS-MED PEDIATRICS	(133-N040)	19,947.00
192.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY		
	POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-91		
	AWARD # PF-3228 MSN GRAD MOLECULAR BIOL	(133-N046)	69,000.00
193.	PFIZER AGRICULTURAL PRODUCTS DIVISION NEW YORK, NY		
	LONG ACTING OXYTETRACYCLINES IN PREVENTION OF INDUCED INFECTION OF ACTINOBACILLUS PLEUROPNEUMONIAE IN SWINE	ON	
		(133-NO47)	14,783.00
194.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY		
	AMERICAN CANCER SOCIETY CAREER DEVELOPMENT AWARD FOR THE PERIOD 07-01-88 THRU 06-30		
	AWARD # CDA OO109-87 MSN HS-MED HUMAN ONCOLOGY	(133-N048)	26,000.00

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195.	MADISON, WI DICKSON-BASCOM PROFESSOR IN BUSINESS	(133-N050)	9,500.00
196.	MERRILL AREA CHAMBER OF COMMERCE MERRILL, WI DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH	(133-NO52)	1,000.00
197.	MILWAUKEE, WI VILLARD AVENUE REVITALIZATION PROJECT	PORTATION (133-N053)	2,000.00
198.	SCHERING-PLOUGH KENILWORTH, NJ COMPARING DIPROLENE DINTMENT, 0.05% WITH DINTMENT 0.05% IN THE TREATMENT OF PSORI MSN HS-MED MEDICINE DERMATOLGY	ASIS	5,640.00
199.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY SITE-SPECIFIC INTEGRATION OF FOREIGN DNA A CHROMOSOME: DETERMINING FACTORS WHICH EFFICIENCY FOR THE PERIOD O7-01-88 THRU AWARD # 1-1055 MSN AG&LSC BIOCHEMISTRY	AFFECT 06-30-89	30,000,00
200.	MINNESOTA MINING AND MANUFACTURING COMPA ST. PAUL, MN INVESTIGATION OF COLD WATER BANDAGES ON LOWER LIMB OF THE HORSE MSN VET M SURGICAL SCI	NY THE	
201.	GUGGENHEIM (HARRY FRANK) FOUNDATION NEW YORK, NY SOCIOENDOCRINOLOGY, AGGRESSION, AND DETERMINANTS OF REPRODUCTIVE SUCCESS IN ADOLESCENT MALE RHESUS MACAQUES FOR THE PERIOD 07-01-88 THRU 06-30-89	(133-NO61)	
202.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY INSTITUTIONAL RE GRANT FOR THE PERIOD 07-01-88 THRU 06-30 AWARD # 1N-35-30 MSN HS-MED ONCOLOGY		75 000 00
203.			73,000.00
	MSN AG&LSC PLANT PATHOLOGY	(133-N066)	5,000.00

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RESEARCH 204. ALCON LABORATORIES, INC. FORT WORTH, TX (S) - BETAXOLOL VS. TIMOPTIC: IOP EFFECT 3 AND 12 HOURS AFTER DOSING MSN HS-MED OPHTHALMOLOGY (133-N067) 2,115.00 205. JOHNSON (S.C.) & SON, INC. RACINE, WI A PILOT STUDY OF THE VIRUCIDAL ACTIVITY OF OVER-THE-COUNTER DISINFECTANTS MANUFACTURED BY THE S.C. JOHNSON CO., RACINE, WI MSN HS-MED PREVENTIVE MED (133-N068) 17,582.00 206. SPENCER FOUNDATION CHICAGO, IL TEACHERS' WORK IN DIVERSE AMERICAN HIGH SCHOOLS FOR THE PERIOD 07-24-88 THRU 07-23-89 MSN EDUC WIS CTR EDUC RES (133-N069) 43,500.00 207. MILES LABORATORIES NEW HAVEN, CT INHIBITION OF ACUTE PLATELET THROMBUS FORMATION IN STENOSED CANINE CORONARY & MONKEY CAROTID ARTERIES, WITH LOW DOSE ASPIRIN & NISOLDIPINE; AND PROTECTION AGAINST EXACERBATION OF THOMBUS FORMATION DUE TO IV EPINEPHRINE INFUSIONS MSN HS-MED MEDICINE CARDIOLOGY (133-N072) 12,584.00 208. FEASIBILITY STUDY OF THE DIRIVATION OF GERMFREE FERRETS MSN HS-MED MED MICROBIOLOGY (133-N079) SEARLE RESEARCH & DEVELOPMENT 10,000.00 SKOKIE, IL 10,000.00 BAXTER HEALTHCARE CORP. ROUND LAKE, IL 20,000.00 RUNYON (DAMON) - WINCHELL (WALTER) CANCER FUND 209. NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 11-01-88 THRU 10-31-91 AWARD # DRG-989 (133-N080) 69,000.00 MSN GRAD MOLECULAR BIOL 210. SLOAN (ALFRED P) FOUNDATION NEW YORK, NY ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR THE PERIOD 09-16-88 THRU 09-15-90 AWARD # BR-2844

211. NICOLET INSTRUMENT CORPORATION
MADISON, WI
SENIOR PHYSIOLOGIST-AUDIODIAGNOSTICS DIVISIONNICOLET FOR THE PERIOD 08-24-87 THRU 02-21-88
MSN L&S COMMUN DISORDERS (133-N085) 10,208.43

MSN L&S

ECONOMICS

(133-N081)

25,000,00

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RESEARCH

212. NAUTILUS RESEARCH CORPORATION
MADISON, WI
COMPARATIVE STUDY OF ABBOTT-56268 AND AMPICILLIN
IN THE TREATMENT OF OUTPATIENTS WITH ACUTE
BACTERIAL EXACERBATION OF CHRONIC BRONCHITIS
MSN HS-MED MEDICINE PULMON MED (133-N089) 1.500.00

213. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MODELING, ANALYSIS AND PERTURBATION ANALYSIS
OF MANUFACTURING AND DISCRETE EVENT SYSTEMS
MSN ENGR INDUSTRIAL ENGR (133-N091) 1,000.00

214. WINGSPREAD CONFERENCE ON PARENTAL LEAVE AND CHILDCARE
MSN L&S WOMEN'S STUDIES RESRCH CTR (133-N093)

1,000.00 NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY MILWAUKEE, WI
1,000.00 WILSCONSIN BELL MILWAUKEE, WI

2,000.00

215. KURZ & ROOT COMPANY
APPLETON, WI
ELECTRICAL MACHINES RESEARCH
MSN ENCR. ELEC & COM ENCR. ELEC&COMP. (1

MSN ENGR ELEC & COM ENGR ELEC&COMP (133-N094) 3,000.00

216. ALCIDE CORPORATION
NORWALK, CT
THE FEASIBILITY OF USING ALCIDE TECHNOLOGY
FOR DAIRY PLANT SANITIZATION
MSN AG&LSC FOOD SCIENCE (13)

(133-N096) 16,548.00

217. SUNSPICED, INC.
BLACKFOOD, ID
POTATO RESEARCH
MSN AG&LSC HORTICULTURE (133-N098) 1,920.00

218. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
STUDENT SALARIES FOR SUMMER RESEARCH GRANT
PROGRAM
MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S (133-N100) 4,500.00

219. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CHARACTERISTICS OF PUBLISHED ARBITRATION AWARDS
MSN L&S SPECIAL PROJECTS CTR FOR DV (133-N101) 500.00

220. WGM/HYDRO
SOUTH SAN FRANCISCO, CA
FRUIT & VEGTABLE RESEARCH
MSN AG&LSC HORTICULTURE (133-N102) 2,400.00

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RESEARCH

221. WISC DEPT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS AWARD # NRH97212 MSN L&S BOTANY (133-N118)

810.00

222. EPILEPSY RESEARCH MSN HS-MED NEUROLOGY

(133-N119)

550.00 EPILEPSY FOUNDATION OF AMERICA LANDOVER, MD 750.00 ROBERT G. & EILEEN A. STUROMSKI FRANKLIN, WI

1,300.00

223. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OF RESEARCH SCIENTIST IN INSTITUTE FOR ENZYME RESEARCH MSN GRAD ENZYME INSTITUTE

(133-N121) 20,000.00

224. TRITON BIOSCIENCES, INC. ALAMEDA, CA PRECLINICAL INTERFERON RESEARCH FOR THE PERIOD 10-01-88 THRU 09-30-89 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL

(133-N123) 241,894.00

225. NATIONAL KIDNEY FOUNDATION, INC. COUNCIL OF NEPHROLOGY SOCIAL WORKERS NEW YORK, NY DEVELOPMENT AND TESTING OF A RENAL PSYCHOSOCIAL INTERVENTION ASSESSMENT SCALE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN HS-HSP SOCIAL WORK SOCIAL WRK (133-N124)

5.400.00

6,000.00

AMERICAN ACADEMY OF MEDICAL DIRECTORS 226. TAMPA. FL NONRESIDENTIAL ADMINISTRATIVE MEDICINE PROGRAM MSN HS-MED PREVENTIVE MED (133-N129) 20,000.00

227. A.B.I. QUEBEC, CANADA STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY

(133-3220)

228. PROCTER & GAMBLE COMPANY CINCINNATI, OH SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY 10,000.00 (133-3678)

229. WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-5014)

PRINCETON, NJ

11,650.00 ICI AMERICAS INC. WILMINGTON, DE 7,300.00 **BASF** PARSIPPANY, NJ AMERICAN CYANAMID COMPANY 2,750.00 WAYNE, NJ UNIROYAL CHEMICAL COMPANY 1,000.00 CHAMPAIGN, IL FMC CORPORATION 5,700.00

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1,500.00

1,140.00

RESEARCH

230. MINNESOTA (UNIVERSITY OF) ST. PAUL, MN STUDY OF THE DEVELOPMENT OF IMPROVED SOIL AND WATER MANAGEMENT SYSTEMS FOR SLOPING LAND IN THE UPPER MISSISSIPPI VALLEY MSN AG&LSC AG RES STATIONS (133-5139) 3.000.00 231. MULTIPLE DONORS RESEARCH IN DIABETIC RETINOPATHY MSN HS-MED OPHTHALMOLOGY (133-5612) 30.00 232. MULTIPLE DONORS SUPPORT RESEARCH AND DEVELOPMENT WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF (133-5613) 111.23 233. PLANT DISEASE CONTROL STUDIES MSN AG&LSC PLANT PATHOLOGY (133-6696)1,000.00 CIBA-GEIGY CORPORATION GREENSBORD, NC 500.00 CHEVRON CHEMICAL COMPANY SAN RAMON, CA ICI AMERICAS INC. 1,500.00

4,500.00

234. TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL
MSN AG&LSC ENTOMOLOGY (133-6855)

WILMINGTON, DE

RHOM & HAAS COMPANY SPRING HOUSE, PA

1,250.00 ECOGEN
LONGHORNE, PA
3,000.00 ICI AMERICAS INC.
WILMINGTON, DE
1,500.00 AMERICAN CYANAMID COMPANY
PRINCETON, NJ
2,000.00 DOW CHEMICAL U.S.A.
CHAMPAIGN. IL

7,750.00

235. SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS
MSN AG&LSC HORTICULTURE (133-7179)

DEAN KINCAID, INC.

PALMYRA, WI 1,215.00 MULTIPLE DONORS 480.00 MULTIPLE DONORS 1,858.81 PEARCE & DURICK BISMARCK, ND DONDHUE, RAJKOWSKI, HANSMEIER, GRUNKE 1,882.20 AND JOVANOVICH, LTD. ST. CLOUD, MN SMITH, PETERSON, BECKMAN & WILLSON 9,261.84 COUNCIL BLUFFS, IA SMITH, PETERSON, BECKMAN & WILLSON 7,685.15 COUNCIL BLUFFS, IA

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236.	ICI AMERICAS ING WILMINGTON, DE GROWTH REGULATOR MSN AG&LSC AGROR	R RESEARCH ON AGRONOM	IC CROPS (133-8218)	1,500.00
237.	MULTIPLE DONORS CYSTIC FIBROSIS MSN HS-MED PEDIA		(133-8586)	100.00
238.	ICI AMERICAS INC WILMINGTON, DE HERBICIDE RESEAU MSN AG&LSC AGRO	RCH PROGRAM	(133-9070)	750.00
239.	WEED RESEARCH IN	N TURF, ORNAMENTALS A CCULTURE	ND TOBACCO (133-9262)	
	500.00	SANDOZ CROP PROTECT DES PLAINES, IL	ION CORPORATION	
	2,000.00			
	800.00	MONSANTO AGRICULTUR ST LOUIS, MO	AL COMPANY	
	1,500.00	CIBA-GEIGY CORPORAT GREENSBORO, NC	ION	
	528.00	PBI GORDON CORPORAT KANSAS CITY, MO	ION	
				5.328.00

5,328.00

STUDENT AID

	CALIFORNIA FIRST BANK SAN DIEGO, CA MANCHESTER, JOHN D. MANCHESTER, JOHN D. LOAN FUND MSN BUS SV BURSAR	(LOANS)	31,975.27
2.	EARNINGS ON MISC. INVESTMENTS KIPP, WILLIAM HSCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	36.79
3.	KOHLER FOUNDATION, INC. KOHLER, WI KOHLER FAMILY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	10,053.26
4.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER BSCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	11,957.46
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(TRUST		11,600.00

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6.	MULTIPLE DONORS MEDICAL SCHOOL LOW COST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	25.00
7.	NORTHWESTERN MUTUAL LIFE SAN FRANCISCO, CA ROWE, HARRY J. UW-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	(TRUST)	485.23
8.	FOLEY, DIANE M. NORTHHAMPTON, MA SLIFKIN, SAM CHARLESAWARD IN CHEMISTRY MSN L&S CHEMISTRY	(TRUST)	5,000.00
9.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$6,635,574.00 AWARD # POO8802947, MOD. 4 MSN G SERV FELLOWS & SCHOLS		28,507.00-
10.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOW FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # R008802947		00 075 00
11.	MSN AC SVC STU FINAN AIDS STU F AIDS UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	(144-2680)	23,375.00
	LLOYD G. LARSON SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-A603)	400.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN CLUB AWARD (WOMEN'S INTERCOLLECTION OF THE PROPERTY O	GIATE	
13.	SPORT CLUB) MSN ATH GENERAL OPERATNS ADMIN CROW'S HYBRID CORN COMPANY	(133-C420)	6,087.00
	MILFORD, IL CROW'S HYBRID CORN AGRICULTURAL SCHOLARSH MSN AG&LSC ACAD STU AFF ADM	HIPS (133-C924)	1,200.00
14.	MADISON, WI		
	MSN ATH GENERAL OPERATNS ADMIN	(133-D128)	1,000.00
15.	ALPHA ZETA OMEGA PHARMACEUTICAL FRATERNITY MILWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS		
	MSN HS-PHR PHARMACY	(133-E066)	200.00

	ENT	

3101	JENI AID		
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES H. CARPENTER MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-E208)	5,000.00
17.	MARQUIP, INC PHILLIPS, WI SCHOLARSHIPS IN ELECTRICAL AND COMPUTER ENGINEERING AND MECHANICAL ENGINEERING MSN ENGR	(133-E654)	5,000.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ODESSA LINES SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-GO16)	17,500.00
19.	MADISON, WI MAURICE "MOOSE" HANSON SCHOLARSHIP	(133-G017)	2,200.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GTE GRADUATE STUDENT SUPPORT IN ELECTRICA AND COMPUTER ENGINEERING	AL.	
21.	MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-J125)	10,000.00
	ST PAUL, MN UNDERGRADUATE SCHOLARSHIP IN INDUSTRIAL ENGINEERING MSN ENGR INDUSTRIAL ENGR	(133-J480)	2,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI H. H. PETRIE SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-K600)	300.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE AGRICULTURAL AND LIFE SCIENCES MSN G SERV FELLOWS & SCHOLS		1,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND	(133-L007)	1,500.00
25.	GTE SERVICE CORPORATION STAMFORD, CT GTE GRADUATE SCHOLARSHIP IN BUSINESS MSN BUS SCH OF BUSINESS		10,000.00
26.	GTE NORTH INCORPORATED WESTFIELD, IN GTE MINORITY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-NO95)	1,000.00

ST	UD	ENT	AID

3,0	DENI AID		
27.	MADISON, WI JOHN JANIS APINIS SCHOLARSHIP FUND	(133-NO99)	100.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FAST PLANT SCHOLARSHIP PROGRAM MSN AG&LSC PLANT PATHOLOGY	(133-N120)	600.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ATHLETIC SCHOLARSHIPS MSN ATH GENERAL OPERATNS ADMIN	(133-0498)	300,941.10
30.	MADISON, WI WISCONSIN EASTERN ALUMNI SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN) (133-0541)	5,495.00
31.	MADISON, WI DAVID N. SCHREINER MEMORIAL SCHOLARSHIP F MSN ATH GENERAL OPERATNS ADMIN		5,000.00
	MADISON, WI EDITH & MICHAEL AGAZIM MEMORIAL SCHOLARSH MSN ATH GENERAL OPERATNS ADMIN AID ASSOCIATION FOR LUTHERANS	HIP (133-2624)	12,000.00
	APPLETON, WI AID ASSOCIATION FOR LUTHERANS SCHOLARSHIF MSN BUS SCH OF BUSINESS) (133-2865)	5,000.00
34.	MILWAUKEE "W" CLUB MILWAUKEE, WI CHRIS STEINMETZ MILWAUKEE "W" CLUB AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-2973)	750.00
35.	PROCTER & GAMBLE COMPANY CINCINNATI, OH GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-4944)	10,000.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY J. MCCORMICK MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-6076)	1,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JIMMY DEMETRAL SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-7664)	1,600.00

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

38. UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM

MSN BUS SCH OF BUSINESS

(133-8377)

840.00 MULTIPLE DONORS

600.00 SENTRY FOUNDATION, INC.

STEVENS POINT, WI

1,440.00

UNRESTRICTED

1. ROHM AND HAAS COMPANY

SPRING HOUSE, PA UNRESTRICTED GRANT TO DEPARTMENT OF CHEMISTRY

MSN L&S CHEMISTRY (133-N090) 9,000.00

TOTAL MADISON

21,968,296.72

EXTENSION AND PUBLIC SERVICE 36,242.00
INSTRUCTION 787,871.00
LIBRARIES 5,000.00
MISCELLANEOUS 693,497.49
PHYSICAL PLANT 4,550.00
RESEARCH 19,957,822.12
STUDENT AID 474,314.11
UNRESTRICTED 9,000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

- 1. GERTRUDE EICHSTAEDT
 MILWAUKEE, WI
 GIFT OF TWO PAINTINGS BY ELKE NOTTELMANN
 DONATED TO THE COLLEGE OF L & S
 MIL L&S ADMINISTRATION
- 2. UWM FOUNDATION
 (A.O. SMITH CORPORATION)
 MILWAUKEE, WI
 GIFT OF MODEL 975 GTE SYLVANIA 5KW CO2
 "FIXED BEAM" LASER DONATED TO THE
 COLLEGE OF ENGINEERING AND APPLIED SCIENCE
 MIL ENG&AS ADMINISTRATION
- 3. PENELOPE COURT
 C/O BHOLE BABA ASHRAM
 MOUNTAIN, HI
 GIFT OF 36 BOOKS ON THEATRE TRAINING
 TO THE PTTP DONATED TO FINE ARTS
 MIL F ARTS ADMINISTRATION ADMIN
- 4. CONNIE CAPTAIN
 UWM SCHOOL OF NURSING
 MILWAUKEE, WI
 GIFT OF A SMITH CORONA TYPEWRITER
 ELECTRA 120 (MODEL 6 LEV, SERIAL #LR14011)
 DONATED TO THE SCHOOL OF NURSING
 MIL NURS ADMIN DEAN

INSTRUCTION

- 1. NATIONAL ENDOWMENT FOR THE HUMANITIES
 WASHINGTON, DC
 FEMINIST CRITICISM: ISSUES IN LITERARY THEORY
 SUMMER SEMINAR
 FOR THE PERIOD 10-01-87 THROUGH 09-30-88
 AWARD # FS-21770-87
 MIL L&S TWENTIETH CEN ST (144-AA62) 4,921.00
- 2. UWM FOUNDATION (MILWAUKEE METROPOLITAN ASSOCIATION OF COMMERCE ACCT #255)
 MILWAUKEE, WI ENTREPRENEURIAL PROFESSORSHIP PROGRAMS
 MIL BUS AD MGMNT RESRCH CTR (133-G382) 36,952.00
- 3. UWM FOUNDATION
 MILWAUKEE, WI
 CEAS-GATEWAY TO ENGINEERING, SCIENCE AND TECH
 (GEST)
 MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-G404) 3,000.00
- 4. UWM FOUNDATION ACCOUNT #517
 MILWAUKEE, WI
 SHELDON LUBAR CHAIR OF FREEE ENTERPRISE
 MIL BUS AD MGMNT RESRCH CTR (133-L947) 23,684.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

5. UWM FOUNDATION (#415)MILWAUKEE, WI EVAN & MARION HELFAER PROFESSORSHIP IN THE UWM SCHOOL OF BUSINESS ADMINISTRATION MIL BUS AD MGMNT RESRCH CTR (133-9413) 24,087.00

MISCELLANEOUS

1. WI DIV VOCAT REHAB/DHHS REHABILITATION MADISON, WI ENHANCING SERVICES FOR SENSORY IMPAIRED STUDENTS FOR THE PERIOD 07-01-88 THROUGH 09-30-88 AWARD # FEI 15131PO MIL AC AFF DISABLD STU SVCS (144-AJ48) 20,000.00

2. UWM FOUNDATION ACCOUNT #265 MILWAUKEE, WI

MINORITY SMALL BUSINESS DEVELOPMENT PROGRAM 63,700.00 MIL BUS AD MGMNT RESRCH CTR (133-H682)

3. HIGHER EDUCATION CABLE CONSORTIUM MILWAUKEE, WI OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR HECC MIL ED COM PROJECTS

SP P2-HECC (133-L344) 2,496.18

4. UWM FOUNDATION MILWAUKEE, WI RESTORATION AND PRESERVATION OF COLLECTIONS IN THE GOLDA MEIR LIBRARY MIL LIBR A G S COLLECTION (133-M203) 8,537.60

5. UWM FOUNDATION MILWAUKEE. WI MEN'S AND WOMEN'S SWIMMING S&E MIL STU AF INTRCOL ATHL-MEN SWIMMING (133-M587) 198.00

6. MILWAUKEE PUBLIC SCHOOLS MILWAUKEE, WI THE UWM EXPERIENCE MIL AC AFF STU ACAD SUPPORT (133-NO97) 9,000.00

RESEARCH

1. UNIVERSITY OF CONNECTICUT GROTON, CT PRIME CONTRACTOR WITH COMM NOAA THE INFLUENCE OF HYDROTHERMAL ACTIVITY ON THE BIOLOGY AND CHEMISTRY OF YELLOWSTONE LAKE, WYOMING (NURP) FOR THE PERIOD 04-15-88 THROUGH 09-30-88 AWARD # 6916 MIL GRAD GT LKS ST, CTR F (144-AH86) 10,000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

2. UNIVERSITY OF CONNECTICUT
GROTON, CT
PRIME CONTRACTOR WITH COMM NOAA
THE BE-7 ACTIVITY, AMINO ACID COMPOSITION AND
MICROBIAL POPULATION OF ORGANIC-RICH DETRITUS
ENTERING THE BENTHIC FOOD CHAIN
FOR THE PERIOD 04-15-88 THROUGH 09-30-88
AWARD # 6916
MIL GRAD GT LKS ST, CTR F (144

(144-AH87) 8,000.00

3. UNIVERSITY OF CONNECTICUT
GROTON, CT
PRIME CONTRACTOR WITH COMM NOAA
THE BIOCHEMISTRY OF MANGANESE IN THE SEDIMENT
BOUNDARY LAYER OF LAKE MICHIGAN
FOR THE PERIOD 04-15-88 THROUGH 09-30-88
AWARD # 6916
MIL GRAD GT LKS ST, CTR F (144-

(144-AH88) 10,000.00

4. UNIVERSITY OF CONNECTICUT
GROTON, CT
PRIME CONTRACTOR WITH COMM NOAA
RARE EARTH ELEMENT AND STABLE CESIUM TRACER
STUDIES OF BIOGENIC AND PHYSICAL TRANSPORT
PROCESSES IN PROFUNDAL SEDIMENTS OF THE GREAT
LAKES
FOR THE PERIOD O4-15-88 THROUGH O9-30-88
AWARD # 6916
MIL GRAD GT LKS ST, CTR F (144-AH8

(144-AH89) 6,000.00

5. UNIVERSITY OF CONNECTICUT
GROTON, CT
PRIME CONTRACTOR WITH COMM NOAA
ANIMAL-SEDIMENT RELATIONS IN PROFUNDAL LAKE
SUPERIOR AND LAKE MICHIGAN SEDIMENTS
FOR THE PERIOD 04-15-88 THROUGH 09-30-88
AWARD # 6916
MIL GRAD GT LKS ST, CTR F (14

(144-AH90) 4.000.00

6. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD
MECHANISMS UNDERLYING PERCEPTION OF SPEECH FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 RO1 NS19295-04A3
MIL L&S PSYCHOLOGY (1

(144-AL52) 112,571.00

7. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH RESEARCH TRIANGLE PARK, NC MARINE AND FRESHWATER BIOMEDICAL CORE CENTER FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 P30 ES04184-02

(144-AL50) 278,738.00

8. AQUA-CHEM
MILWAUKEE, WI
PRIME CONTRACTOR WITH DOD ARMY
ROWPU CONTAINER TESTS
FOR THE PERIOD 06-13-88 THROUGH 08-01-88
AWARD # CK. #04662
MIL ENGAS CIVIL ENGINEER'G (144

(144-AK97) 5,000.00

(144-AL40) 208,202.00

GIFTS, GRANTS AND CONTRACTS AUGUST 5, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

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

MIL ENG&AS MECHANICAL ENGR

1)	RESEARCH EXPERIENCE FOR UNDERGRA CENTER FOR GREAT LAKES STUDIES FOR THE PERIOD 06-15-88 THROUGH AWARD # OCE-8804092 MIL GRAD GT LKS ST, CTR F	11-30-89	THE (144-AK51)	40,000.00
2)	INVESTIGATION OF SILICA FOULING PREVENTION BY MAGNETIC DEVICES FOR THE PERIOD 07-15-88 THROUGH AWARD # CBT-8807406			

	AWARD # ATM-8802853 MIL L&S GEO	(144-AL74)	44.650.00
	FOR THE PERIOD 07-15-88 THROUGH 12-3	1-89	
	RAIN IN THE TIME DOMAIN		
3)	ON THE FRACTAL STRUCTURES OF		

10.	NEW YORK, N.Y.			
	CAREER LINKS: A MIDDLE SCHOO	L PROGRAM		
	INTERVENTION			
	MIL GRAD M-S ERC		(133-AL51)	20,000.00

11. MIDWEST RESEARCH MICROSCOPY		
THIN FILMS		
MILWAUKEE, WI		
CONSULTATION & SURFACE ANALYSIS		
MIL L&S PHYSICS	(133-E596)	4,880.00

12.	ST. LUKE'S MEDICAL CENTER			
	MILWAUKEE, WI			
	RESEARCH FACILITATION			
	MIL NURS HLTH RESTORATION	(133-G370) 46,546.0	00

13.	UWM FOUNDATION, ACCT. NO. 318		
13.	(HARVEY D. WILMETH)		
	MILWAUKEE, WI	이 공료되면 보이는 이번 하는 이름이	
	DISCRETIONARY USE FOR RESEARCH	AND SPECIAL	
	PROJECTS MIL L&S ECONOMIC EDUC	(133-G400)	5,000.00

14. UWM FOUNDATION, #258 MILWAUKEE, WI		JERRY LEER ACCOUNTING FUND MIL BUS AD MGMNT RESRCH CTR	(133-G426)	23,588.00
14. UWM FOUNDATION, #258				
	14.	UWM FOUNDATION, #258		

15.	UWM FOUNDATION (VARIOUS) (#852)	
	MILWAUKEE, WI	
	SCHOOL OF BUSINESS ADMINISTRATION SEMINAR SERIES	
	MIL BUS AD MGMNT RESRCH CTR (133-H149)	24,733.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

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RES	EARCH		
16.	MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION RESEAR	RCH (133-H150)	19,990.00
17.	GREDE FOUNDRIES, INC MILWAUKEE, WI DISCRETIONARY USE FOR DR. VENUGOPALAN TO DUCTILE IRON MATERIAL PROPERTIES		
	MIL ENG&AS MATERIALS	(133-H689)	3,500.00
18.	MILWAUKEE, WI		
	MILWAUKEE RESEARCH FACILITATION MIL NURS HLTH RESTORATION	(133-K707)	10,048.00
19.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI		
	INTERNATIONAL LABORATORY FOR VISITOR STU MIL L&S PSYCHOLOGY	DIES (133-L165)	6,000.00
20.	UWM FOUNDATION MILWAUKEE, WI STRATEGIC MANAGEMENT AND BUSINESS POLICY MIL BUS AD MGMNT RESRCH CTR	, (133-L714)	81,824.00
21.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL SUMMER RESEARCH OPPORTUNITY PROGRAM FOR THE PERIOD 06/01/88 THROUGH 08/21/88 AWARD # CHECK NO. 0095748 MIL GRAD DEAN'S OFFICE		16,350.00
22.	그래마다 하고 있을 때 있는 하나라 보다 모양을 보다며 숙	(133-1703)	10,330.00
	ISELIN, NJ QUANTITATION OF PLASMA LIPOPROTEINS BY 1 SPECTROSCOPY FOR THE PERIOD 06/01/88 THROUGH 05/31/89		
	AWARD # CHECK NO. 630280 MIL L&S CHEMISTRY	(133-M243)	10,000.00
23.	BIOLOGICAL SCIENCES DEPARTMENT CHAIR ACC (SLOANE)	COUNT	
	MIL L&S BIOLOGICAL SCI	(133-M292)	
	3,000.00 JOHN WILEY AND SONS NEW YORK, NY 250.00 PROCTOR AND GAMBLE CINCINNATI, OHIO		
			3,250.00
24.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONARY		
	MIL ENG&AS CIVIL ENGINEER'G	(133-M659)	2,525.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

25. UWM FOUNDATION (858)
MILWAUKEE, WI
BUSINESS ADMINISTRATION-QUALITY CONTROL
PROGRAM
MIL BUS AD MGMNT RESRCH CTR

(133-N041) 20,000.00

26. UWM FOUNDATION #263
MILWAUKEE, WI
DELEVIN C. JACOBUS VENTURE FUND
MIL BUS AD MGMNT RESRCH CTR

(133-N076) 6,267.00

27. AMERICAN LUNG ASSOCIATION OF WISCONSIN MILWAUKEE, WI SMOKING AMONG WISCONSIN REGISTERED NURSES: PREVALENCE, ATTITUDES AND INFLUENCE ON PROFESSIONAL PRACTICE FOR THE PERIOD 07/01/88 THROUGH 06/30/89 MIL NURS HLTH MAINTENANCE (

(133-N077) 20,000.00

28. SIEMENS MEDICAL SYSTEMS, INC.
MILWAUKEE, WI 53201
UNRESTRICTED GIFT TO SUPPORT THE RESEARCH
OF JAMES OTVOS IN THE AREA OF NMR ANALYSIS
OF HUMAN PLASMA
MIL L&S CHEMISTRY (13

(133-N116) 70,000.00

29. A.O. SMITH
MILWAUKEE, WI
AFFILIATE PROGRAM FOR WATERJET TECHNOLOGY
MIL ENG&AS ADMINISTRATION (133-N131)

8,000.00

30. RELATIVE DENSITY TESTS
MIL ENG&AS CIVIL ENGINEER'G (133-9372)

1,750.00 SUMMIT BUILDING/R & D
WAUKESHA, WI
100.00 PTL INSPECTORATE
NEW BERLIN, WI

1,850.00

31. DSM RESEARCH B. V.
GELEEN, NETHERLANDS
APPLICATION OF AMINO ACID DERIVATIVES IN
ANTICANCER DRUGS
FOR THE PERIOD 04/01/88 THROUGH 03/31/90
AWARD # B88/5756
MIL L&S CHEMISTRY

(133-NO42) 27,885.00

STUDENT AID

1. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
WDNR INTERNS
AWARD # 83-9
MIL STU AF PLACE&CAREER DEV PROVISIONL (133-G402)

11,000.00

TOTAL MILWAUKEE

1,366,972.18

INSTRUCTION 92,644.00
MISCELLANEOUS 103,931.18
RESEARCH 1,159,397.00
STUDENT AID 11,000.00

UNIVERSITY OF WISCONSIN - EAU CLAIRE

EXTENSION AND PUBLIC SERVICE

1. NATIONAL COLLEGIATE ATHLETIC ASSOCIATION MISSION, KS
NATIONAL YOUTH SUMMER SPORTS PROGRAM FOR THE PERIOD 06-01-88 THRU 05-31-89 AWARD # NCAA-88140 EAU AUX OP OTHER ORG ACTIV

(144-8083) 50,950.00

2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
YOUTH FOOD PROGRAM
FOR THE PERIOD 06-06-88 THROUGH 07-08-88
AWARD # 75-9464
EAU AUX OP OTHER ORG ACTIV

(144-8082) 39,100,00

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
BUSINESS EDUCATION CURRICULUM RESOURCE MATERIALS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PAI-00167
EAU BUS BUS ED & ADM MGT (144-8085)

3,903.00

2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
ACQUISITION OF AN X-RAY DIFFRACTOMETER
FOR THE PERIOD 07-01-88 THROUGH 12-31-90
AWARD # USE-8851615
EAU ART&SC GEOLOGY

(144-8049) 45,958.00

3. COOPERATIVE EDUCATIONAL SERVICES AGENCY #10
CHIPPEWA FALLS, WI
1988 SUMMER CRAY SCIENCE ACADEMY
FOR THE PERIOD 06-08-88 THRU 06-07-89
EAU EDUC SECOND & CONT ED (133-81)

(133-8128) 30,000.00

4. CRAY RESEARCH FOUNDATION
CHIPPEWA FALLS, WI
1988 SUMMER CRAY SCIENCE ACADEMY
FOR THE PERIOD O6-08-88 THRU 06-07-89
EAU EDUC SECOND & CONT ED

(133-8129) 50,000.00

RESEARCH

- DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:
- 1) STIMULATION OF CHROMOSOME PAIRING AND EXCHANGE BY RDNA FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 RO1 GM40489-0 EAU ART&SC ART (

(144-8029) 124,994.00

UNIVERSITY OF WISCONSIN - EAU CLAIRE

RESEARCH

2) MODIFIED RESEARCH CAREER DEVELOPMENT AWARD
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 1 KO4 GMOO522-0
EAU ART&SC BIOLOGY (144-8030) 52,693.00

2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
PRECISE ENERGY LEVEL CALCULATIONS ON
THREE-ELECTRON ATOMS
FOR THE PERIOD 06-01-88 THROUGH 01-31-89
AWARD # PHY-8704125
EAU ART&SC CHEMISTRY (144-8063) 8,100.00

3. SHORT, ELLIOT-HENDRICKSON INC
CHIPPEWA FALLS, WI
ARCHAEOLOGICAL SURVEY OF BRIDGE REPLACEMENT
WEST FORK HALLS CREEK
FOR THE PERIOD 07-01-88 THRU 12-31-88
EAU ART&SC SOCIAL & ANTHROP (133-9001) 358.00

4. SHORT, ELLIOT-HENDRICKSON INC
CHIPPEWA FALLS, WI
ARCHAEOLOGICAL SURVEY OF BRIDGE REPLACEMENT
EAST FORK HALLS CREEK
FOR THE PERIOD 07-01-88 THRU 12-31-88
EAU ART&SC SOCIAL & ANTHROP (133-9002) 358.00

TOTAL EAU CLAIRE

406,414.00

EXTENSION AND PUBLIC SERVICE 90,050.00 INSTRUCTION 129,861.00 RESEARCH 186,503.00

UNIVERSITY OF WISCONSIN - GREEN BAY

RESEARCH

1. MARCH OF DIMES
BIRTH DEFECTS FOUNDATION
WHITE PLAINS, NY
PCB'S IN LACTATION: EFFECTS ON MALE FERTILITY
FOR THE PERIOD 12-01-87 THRU 11-30-88
AWARD # 15-109
GBY H BIOL HUMAN BIOLOGY (133-M

(133-M532) 1,468.00

2. GREATER GREEN BAY BOWLING PROPRIETORS ASSOCIATION GREEN BAY, WI COMMUNITY RECREATIONAL SURVEY GBY COM SC URB & PUB AFFAIR (133-M706

(133-M706) 950.00

3. ABBOTT LABORATORIES
NORTH CHICAGO, IL
ANAEROBIC SYSTEMS
GBY AC PRG ADMINISTRATION

(133-N032) 6,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD O7-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,740,626.00
AWARD # POO8802950, MOD. 4
GBY ST AID FEL & SCHOL-AOG

(148-D088) 54,924.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # ROO8802950
GBY STU SV FINANCIAL AIDS (144-

(144-Z355) 6,250.00

3. MULTIPLE DONORS
STUDENT FINANCIAL AID FUND-UWGB
GBY ST AID FEL & SCHOL-AOG

(123-6986)

400.00

TOTAL GREEN BAY

69,992.00

RESEARCH STUDENT AID 8,418.00 61,574.00

GIFTS, GRANTS AND CONTRACTS AUGUST 5, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH ROCKVILLE, MD
BSN DEGREE COMPLETION PROGRAM
RN OUTREACH/RURAL WISCONSIN
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 5 D10 NU25210-03

OSH NURS NURS-GRAD PROGS (144-4483) 177,323.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH ROCKVILLE, MD
RESEARCH ON THE PHOSPHOHISTONE PHOSPHATASE OF MITOTIC HELA CELLS
FOR THE PERIOD 05-01-88 THROUGH 04-30-89
AWARD # 1 R15 GM39915-01
OSH L&S BIOLOGY (1

(144-4482) 39,642.00

TOTAL OSHKOSH

216,965.00

INSTRUCTION RESEARCH

177,323.00 39,642.00

UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1. CORPORATE IMAGES, INC. RACINE. WI VICE-PRESIDENT-MARKETING AND PLANNING (VPMP) FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880)

300.00

2. UW PARKSIDE BENEVOLENT FOUNDATION KENOSHA, WI BUSINESS AND ADMINISTRATIVE SCIENCE DIVISION GENERAL FUND PKS MOD IN BUS & ADMIN SCI ADMIN

(133-M073) 865.00

RESEARCH

1. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC MICROCOMPUTER NETWORKS/OPERATING SYSTEMS LABORATORY FOR THE PERIOD 07-01-88 THROUGH 12-31-90 AWARD # USE-8852826 PKS MOD IN ENGINEERING SCI CMPUTR SCI (144-AL12) 30,225.00

2. WESTERN PUBLISHING COMPANY, INC. RACINE, WI DEVELOPING AND IMPLEMENTING DATA ANALYSIS FOR COOPERATIVE TEST MARKET WITH WAL-MART PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-N074) 4,473.00

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$1,084,515.00 AWARD # POO8803238, MOD. 5 PKS BUS SV FELLOWS & SCHOLS

(148-G088) 2.627.00-

2. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # RO08803238 PKS FIN A FINANCIAL AIDS

(144-Z678) 4.030.00

3. JOHNSON WAX HOME CARE SERVICES, INC. RACINE, WI PART-TIME INTERN POSITION FOR UW-PARKSIDE PKS BUS SV FELLOWS & SCHOLS (133-N051) 1,000.00

4. MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS

(133-9472)

5.00

TOTAL PARKSIDE

38,271.00 -----------

MISCELLANEOUS RESEARCH STUDENT AID

1,165.00 34,698.00 2,408.00

UNIVERSITY OF WISCONSIN - RIVER FALLS

EXTENSION AND PUBLIC SERVICE

1. OTTO BREMER FOUNDATION ST. PAUL, MN COMMUNITY RURAL DEVELOPMENT AND EDUCATION PROJECT FOR THE PERIOD 01-01-88 THRU 08-31-88 RVF CE&PS PUBLIC SERVICE

(133-0646) 7.500.00

INSTRUCTION

1. UNIVERSITY OF WISCONSIN RIVER FALLS FOUNDATION RIVER FALLS, WI FUNDS FOR THE PURPOSE OF IMPROVING CLASSROOM INSTRUCTION FOR THE PERIOD 06-01-88 THRU 05-31-89 RVF G E A VICE CHANCELLOR VICE CHANC (133-0627)

4,911.00

2. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI AGRICULTURE CURRICULUM REVISION PROJECT FOR THE PERIOD 07-01-88 THRU 12-31-88 RVF AGRIC AGR EDUCATION

(133-0632) 20,402.00

MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN RIVER FALLS FOUNDATION RIVER FALLS, WI FACULTY GRANTS FOR THE PERIOD 06-01-88 THRU 05-31-89 RVF G E A VICE CHANCELLOR VICE CHANC (133-0627)

30,254.00

RESEARCH

- WI DEPT OF AGRIC., TRADE & CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRONOMY RESEARCH FOR THE PERIOD 04-01-88 THRU 07-31-88 RVF AGRIC PLANT & EARTH SC
 - (133-0620) 37,414.00
- 2. GRAND LABORATORIES, INC. FREEMAN, SD STUDY THE EFFICACY OF THE BOVINE PILI SHIELD, E. COLI BACTERIN PRODUCT IN REDUCING CLINICAL RESPONSE SYMPTOMS IN LACTATING DAIRY COWS CHALLENGED INTRAMAMMARY WITH VIABLE E. COLI FOR THE PERIOD 05-15-88 THRU 10-15-88 RVF AGRIC ANIMAL SCIENCE (133-0645)

33,000.00

133,481.00

EXTENSION AND PUBLIC SERVICE INSTRUCTION MISCELLANEOUS 70,414.00 RESEARCH

7,500.00 25,313.00 30,254.00

TOTAL RIVER FALLS

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF WASHINGTON, DC PROJECTS WITH INDUSTRY: A RURAL PARTNERSHIP OF BUSINESS, INDUSTRY AND REHABILITATION FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # G0082C0004-88

(144-0619) 186,940.00

12,781.00

- 2. WI DEPT OF HEALTH & SOCIAL SERVICES
 MADISON, WI
 PRIME CONTRACTOR WITH DED
 PROVIDE FINANCIAL ASSISTANCE IN PURCHASING
 EQUIPMENT FOR GROUPS OF HANDICAPPED INDIVIDUALS
 FOR THE PERIOD 06-09-88 THROUGH 08-31-88
 AWARD # FEH72148PO
 STO ED&H S CLIENT SVCS INST VOC DEV C (144-0505)
- 3. WI DEPT OF HEALTH & SOCIAL SERVICES
 MADISON, WI
 PRIME CONTRACTOR WITH DED
 ADDITIONAL SUPPORT FOR THE PROGRAM FOR
 INDEPENDENT LIVING FOR THE HEARING IMPAIRED
 SERVICES
 FOR THE PERIOD 05-23-88 THROUGH 07-01-88
 AWARD # FEH72047PO, MOD. 1
 STO ED&H S CLIENT SVCS INST INDEP LIV (144-0517) 1,446.10
- 4. WEYERHAUSER SCHOOL DISTRICT
 WEYEHAUSER, WI
 PROVIDE COORDINATION AND TECHNICAL ASSISTANCE
 TO IMPLEMENT A SECONDARY VOCATIONAL EDUCATION
 EVALUATION AT WEYERHAUSER SCHOOL DISTRICT
 FOR THE PERIOD 03-11-88 THRU 12-31-88
 AWARD # 9199.6-1-A-88
 STO I&TECH CTR FOR VTAE CTR VTAE (133-0371) 1,581.00
- 5. THE MONTERREY INSTITUTE OF TECHNOLOGY
 AND GRADUATE STUDIES
 MONTERREY, N. L. MEXICO
 DELIVERY OF THREE-WEEK NON-CREDIT SEMINAR
 IN HOTEL AND RESTAURANT MANAGEMENT
 FOR THE PERIOD 07-01-88 THRU 07-29-88
 STD INTL P INTL PROGRAMS (133-0393) 16,475.00
- 6. CASE-IH
 WAUSAU, WI
 PROVIDE TWO ACADEMIC STAFF MANAGEMENT
 ENGINEERS TO WORK AT THE CASE-IH PLANT IN WAUSAU
 FOR THE PERIOD 07-01-88 THRU 06-30-89
 STO I&TECH CTR INVTN&DEVEL (133-0554) 74,457.00

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

- 1. BROCKWAY GLASS CONTAINERS BROCKWAY, PA " A SERIES OF 13 VIDEOTAPES PLUS INSTRUCTOR'S GUIDE AND TRANSPARENCIES ON THE SUBJECT OF GLASS PACKAGING. " STO 1&TECH MATLS & PROCS'S
- 2. GRAVURE EDUCATION FOUNDATION AND GRAVURE
 ASSOCIATION OF AMERICA
 NEW YORK, NY
 " COMPLEMENTARY REGISTRATION FOR 1988 GRAVURE
 ASSOCIATION OF AMERICA CONVENTION FOR 3 STUDENTS
 AND 7 FACULTY MEMBERS."
 STO 1&TECH GRAPHIC COMMUNIC
- 3. TEHHANT COMPANY
 MINNEAPOLIS, MN
 " QUEST FOR QUALITY " VIDEOTAPE AND BOOK.
 STO I&TECH INDUSTRIAL MGMNT
- 4. DATA MYTE CORPORATION
 MINNETONKA, MN
 " FOUR DATA COLLECTORS, FOUR MONITORS, TRAINING
 VIDEOS AND APPLICABLE CABLING. "
 STO 1&TECH INDUSTRIAL MGMNT
- 5. SPECTRA INFORMATION SYSTEMS CORPORATION DOWNERS GROVE, IL " TWENTY WANG SHEET FEEDERS. " STO C R&GS RES PROM SVCS
- 6. PRESS ON INCORPORATED
 STILLWATER, MN
 " SCREEN PRINTING FABRIC. "
 STO I&TECH GRAPHIC COMMUNIC
- 7. BRUCE A. TIETZ
 ST. PAUL, MN
 " ORTHO CHEMISTRY, FIXER CHEMISTRY, INDICATOR
 STOP BATH AND PRINTERS INK. "
 STO LIB RE MEDIA TECHNOLOGY
- 8. BRUCE TIETZ
 ST. PAUL, MN
 " ORTHO CHEMISTRY, FIXER AND INDICATOR STOP
 BATH. "
 STO LIB RE INSTR TECH SVC
- 9. JACKSON LUMBER HARVESTER CO., INC.
 MONDOVI, WI
 " 8 HYDRAULIC DIRECTIONAL CONTROL VALVES, 5
 ELECTRIC CONTROL SWITCHES, 3 PRESSURE CONTROL
 VALVES. "
 STO I&TECH ENERGY & TRANSP

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

- 10. MERCURY MARINE
 FOND DU LAC, WI
 7 ELECTRIC OUTBOARD MOTORS AND CONTROL SYSTEMS.
 STO I&TECH ENERGY & TRANSP
- 11. U.S. DEPARTMENT OF ENERGY
 ALBUQUERQUE, NM
 USED ENERGY EQUIPMENT: KROY LETTERING SYSTEM,
 PN663567
 STO 1&TECH GRAPHIC COMMUNIC
- 12. U.S. DEPARTMENT OF ENERGY
 GRAND JUNCTION, CO
 USED ENERGY EQUIPMENT: READER PRINTER, MICROFILM,
 MFR. 3M
 STO LIB RE RENTAL R SVCS
- 13. E.I. DUPONT DENEMOURS & CO., INC. WILMINGTON, DE 50 YARDS OF FABRIC STO H ECON APPAREL, TEX&DES

INSTRUCTION

1. CESA #10
OSSEO, WI
CONTRACT TO CONDUCT SIX THREE-DAY SUMMER
WORKSHOPS FOR SELECTED STAFF FROM 12 LEAS
INVOLVED IN EDUCATION FOR EMPLOYMENT
FOR THE PERIOD 04-01-88 THRU 06-30-88
STO ED&H S EDUCATION (133

(133-0340) 6,608.00

MISCELLANEOUS

- 1. TARGET CORPORATION
 MINNEAPOLIS, MN
 FUNDS TO UW-STOUT PLACEMENT OFFICE
 TO PURCHASE CAPITAL EQUIPMENT
 FOR THE PERIOD 03-16-88 THRU 06-30-88
 STO G E A STU AFF & COUNSL PLACEMENT (133-0370)
- 2. 3M COMPANY
 ST. PAUL, MN
 FUNDS FOR FACULTY TRAVEL, SERVICES AND SUPPLIES
 FOR THE PERIOD 05-10-88 THRU 06-30-89
 STO 1&TECH ENERGY & TRANSP (133-0476) 5,000.00

TOTAL STOUT

310,288.10

5,000.00

EXTENSION AND PUBLIC SERVICE 293,680.10
INSTRUCTION 6,608.00
MISCELLANEOUS 10,000.00

2,000.00

GIFTS, GRANTS AND CONTRACTS AUGUST 5, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) ASSESSMENT NEEDS: TRAIN PERSONNEL FROM FIVE
 MIDWESTERN STATES TO IMPLEMENT WISCONSIN MODEL
 IN TRAINING OF SPECIAL EDUCATION PERSONNEL
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # GOO8730037-88
 WTW EDUC SPECIAL EDUC SPEC EDUC (144-1058) 72.923.00
- 2) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS
 FOR THE PERIOD 07-01-88 THROUGH 08-31-89
 AWARD # GOO8740198-88
 WTW G E A ACAD SUPPORT SVS (144-1059) 166,316.00
- 2. WI DEPT OF NATURAL RESOURCES
 MADISON, WI
 PRIME CONTRACTOR WITH INTER
 COOPERATIVE AGREEMENT FOR INTERNSHIP TO CARRY
 OUT UPDATE ON THE SHEBOYGAN RIVER PLAN
 FOR THE PERIOD 01-01-88 THROUGH 05-31-89
 AWARD # AGR DTD 01/25/88
 WTW L&S BIOLOGY (144-0872)
- 3. NATIONAL SCIENCE FOUNDATION
 WASHINGTON, DC
 ECONOMICS COMPUTER LABORATORY
 FOR THE PERIOD 05-15-88 THROUGH 10-31-90
 AWARD # USE-8852274
 WTW BUS&EC ECONOMICS (144-1060) 72,714.00

MISCELLANEOUS

1. UW-WHITEWATER FOUNDATION
WHITEWATER, WI
CASH DONATION
WTW G E A STU AFF & COUNSL PLACEMENT (133-1016) 2,088.00

RESEARCH

1. ASSOCIATION OF AMERICAL GEOGRAPHERS
WASHINGTON, DC
SURVEY OF MINORITIES IN GEOGRAPHY
FOR THE PERIOD 05-15-88 THRU 10-31-90
AWARD # CHK DTD 03/16/88
WTW L&S GEOGRAPHY-GEOL GEOGRAPHY (133-1019) 1,344.00

UNIVERSITY OF WISCONSIN - WHITEWATER

STUDENT AID

1.	CONNOR, CHANCELLOR WHITEWATER, WI	& MR	S. JA	AMES R.	
	CONNOR, CHANCELLOR	AND	MRS.	JAMES R.	SCHOLARSHIP
	FUND (WTW) WTW G E A CHANCEL	LORS	OFF	CHANCS OF	FF (TRUST)

2. STOOS, GUNVOR ESTATE WHEATON, IL

STOOS, GUNVOR--JOURNALISM STUDENTS (WTW)
WTW G E A CHANCELLORS OFF CHANCS OFF (TRUST) 4,000.00

TOTAL WHITEWATER

321,885.00

500.00

313,953.00 2,088.00 1,344.00 INSTRUCTION MISCELLANEOUS RESEARCH STUDENT AID 4,500.00

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

- 1. PATRICIA WARRICK
 APPLETON, WI
 1 BOOK: SCIENCE FICTION; THE SCIENCE FICTION
 RESEARCH ASSOCIATION ANTHOLOGY
 CNS FOX VA LIBRARY ADMIN
- 2. DANIEL PUTMAN
 MENASHA, WI
 4 PAPERBACK BOOKS: THE BLIND WATCHMAKER; THE
 HERCULES TEXT; MYTHS TO LIVE BY: RIDING THE OX
 HOME
 CNS FOX VA LIBRARY ADMIN
- 3. EUGENE GIBAS
 APPLETON, WI
 1 BOOK: PROGRAMMING PRINCIPLES WITH COBOL
 CNS FOX VA LIBRARY ADMIN
- 4. ROBERT YOUNG
 APPLETON, WI
 1 BOOK: AN AMERICAN SAMPLET: FOLK ART FROM THE
 SHLEBURNE MUSEUM
 CNS FOX VA LIBRARY ADMIN

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN SCHOLARSHIP PROGRAM
FOR THE PERIOD 08-23-88 THROUGH 08-22-89
AWARD # AGR DTD 07-13-88
CNS MARIN (144-

(144-AL64) 192,000.00

MISCELLANEOUS

1. MARTIN MARIETTA CORPORATION BETHESDA, MD LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS

(133-L337) 2,000.00

2. MULTIPLE DONORS
THEATRE PROGRAM
CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092) 6,963.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # ROO8802949
CNS CNS AD STUDENT SERVICES ST FIN AID (144-Z679)

10,665.00

TOTAL CENTER SYSTEM

211,628.00

INSTRUCTION MISCELLANEOUS STUDENT AID 192,000.00 8,963.00 10,665.00

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. SOUTHEASTERN WISCONSIN REGIONAL PLANNING
COMMISSION
WAUKESHA, WI
PRIME CONTRACTOR WITH EPA
GROUNDWATER RESOURCE INVENTORY FOR OZAUKEE AND
WASHINGTON COUNTIES
FOR THE PERIOD 04-01-88 THROUGH 12-31-88
AWARD # AGR DTD 05-03-88
EXT G&NH S WIS GEDL&NAT HST W G&N HIST (144-AH18)

2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WOMEN OF SPIRIT
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # FY88-16L, MOD. 1
EXT TELCOM WHA RADIO

(144-AHO4) 6,000.00

3. MULTIPLE DONORS
ASSIST IN SUPPORTING COLLEGE WEEK FOR WOMEN
EXT COOP E FAMILY LIV'G ED FAM LIVNG (133-B428)

542.00

28,070.00

4. MULTIPLE DONORS
PROFESSIONAL IMPROVEMENT OF THE RECREATION
RESOURCE CENTER STAFF
EXT COOP E COM,N RSRC&EC DV REC RES CT (133-D074)

100.00

5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WISCONSIN RURAL LEADERSHIP PROGRAM
EXT COOP E DEAN'S OFFICE RUR LDRSHP

(133-H773) 20,000.00

6. WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI PROGRAMMING SUPPORT FOR FY89 FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT TELCOM WHA RADIO

(133-M438) 95,060.00

7. WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI WPRA STAFF SUPPORT FOR FY89 FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT TELCOM WHA RADIO

(133-M439) 25,794.48

B. FRIENDS OF WHA-TV, INC.
MADISON, WI
FY88 BLOCK GRANT FOR ACQUISITIONS, LOCAL
PRODUCTIONS AND OTHER ACTIVITIES FOR THE PERIOD
07-01-88 THRU 06-30-89
(133-M440)

(133-M440) 450,000.00

9. FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION

(133-M807)

6,000.00 VALLEY BANKS
MADISON, WI
3,000.00 KAY & ECKBLAD
MADISON, WI
1,040.00 KINKO'S COPY SHOP
MADISON, WI

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

10. FRIENDS OF WHA-TV, INC. MADISON, WI FY89 ADMINISTRATION FOR THE PERIOD 07-01-88 THRU 06-30-89 EXT TELCOM WHA TELEVISION

(133-N126) 70,000.00

TOTAL EXTENSION

705,606.48 ----------

EXTENSION AND PUBLIC SERVICE 705,606.48

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

 EARNINGS ON MISC. INVESTMENTS MARCUS, MARVIN FUND SA PRES

(TRUST) 449.82

2. EARNINGS ON MISC. INVESTMENTS MARCUS, MARVIN FUND SA PRES

(TRUST)

50,000.00

TOTAL CENTRAL ADMINISTRATION

50,449.82

MISCELLANEOUS

50,449.82

AUGUST 5, 1988 GIFTS, GRANTS AND CONTRACTS SUMMARY ITEMS PROCESSED 06-18-88 THROUGH 07-15-88

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	50,450	-0-	-0-	-0-	-0-	50,450
CENTER SYSTEM	-0-	192,000	-0-	8,963	-0-	-0-	10,665	-0-	211,628
EAU CLAIRE	90,050	129,861	-0-	-0-	-0-	186,503	-0-	-0-	406,414
EXTENSION	705,606	-0-	-0-	-0-	-0-	-0-	-0-	-0-	705,606
GREEN BAY	-0-	-0-	-0-	-0-	-0-	8,418	61,574	-0-	69,992
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	36,242	787,871	5,000	693,497	4,550	19,957,822	474,314	9,000	21,968,297
MILWAUKEE	-0-	92,644	-0-	103,931	-0-	1,159,397	11,000	-0-	1,366,972
ознкозн	-0-	177,323	-0-	-0-	-0-	39,642	-0-	-0-	216,965
PARKSIDE	-0-	-0-	-0-	1,165	-0-	34,698	2,408	-0-	38,271
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	7,500	25,313	-0-	30,254	-0-	70,414	-0-	-0-	133,481
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	293,680	6,608	-0-	10,000	-0-	-0-	-0-	-0-	310,288
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	313,953	-0-	2,088	-0-	1,344	4,500	-0-	321,885
TOTAL AUG 1988	1,133,079	1,725,573	5,000	900,348	4,550	21,458,238	564,461	9,000	25,800,249
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
GRAND TOTAL	1,133,079	1,725,573	5,000	900,348	4,550	21,458,238	564,461	9,000	25,800,249
TOTAL AUG 1987	1,350,127	3,373,518	342,395	1,645,790	27,001	27,365,942	17,747,282	-0-	51,852,057
PREVIOUSLY REPORTED	-0-	-0-	-0+	-0-	-0-	-0-	-0-	-0-	-0-
GRAND TOTAL	1,350,127	3,373,518	342,395	1,645,790	27,001	27,365,942	17,747,282	-0-	51,852,057
FEDERAL TOTAL AUG 1988	325,287	1,520,979	-0-	62,934	-0-	18,511,183	68,110	-0-	20,488,493
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL GRAND TOTAL	325,287	1,520,979	-0-	62,934	-0-	18,511,183	68,110	-0-	20,488,493
FEDERAL TOTAL AUG 1987	224,331	3,211,313	-0-	552,227	-0-	21,450,450	17,216,513	-0-	42,654,834
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL GRAND TOTAL	224,331	3,211,313	-0-	552,227	-0-	21,450,450	17,216,513	-0-	42,654,834

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1.	AGENCY FOR INTERNATIONAL DEVELOPMENT	
	WASHINGTON, DC	
	COURSE DEVELOPMENT IN DISASTER MANAGEMENT	
	FOR THE PERIOD 08-08-83 THROUGH 12-31-88	
	AT A TOTAL COST OF \$182,883.00	
	AWARD # DTR-0000-G-SS-3287-00, MOD. 6	
	MSN ENGR ENGR PRFSNL DVLP	(1

(144-T792) 18,322.00

2. WISCONSIN 4-H FOUNDATION, INC. MADISON, WI MECHANICAL SCIENCES 4-H MSN AG&LSC AG ENGINEERING

(133-L132) 87.76

3. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR ENGINEERING PROFESSIONAL DEVELOPMENT DEPARTMENT MSN ENGR ENGR PRESNL DVLP

290.00 (133-L682)

4. WI 4-H FOUNDATION MADISON, WI ART BOX CURRICULUM PROJECT MSN OUTRCH CONTIN EDUC-ARTS CE ARTS CE (133-N266)

1,000.00

3,500.00

5. SUPPORT WEED CONTROL RESEARCH PROGRAM MSN AG&LSC AGRONOMY (133-7714)

FMC CORPORATION

PRINCETON, NJ 1,000.00 DOW CHEMICAL MADISON, WI MONSANTO AGRICULTURAL PRODUCTS 500.00 MILTON, WI 1,000.00 MOBAY CORPORATION INDIANAPOLIS, IN DOW CHEMICAL COMPANY 3,500.00 MADISON, WI MONSANTO AGRICULTURAL PRODUCTS 6,000.00 MILTON, WI

13,000.00

GIFT-IN-KIND

- 1. WISCONSIN ALUMNI ASSOCIATION MADISON, WI ELECTRONIC EQUIPMENT AND MISC. SHOW EQUIPMENT USED IN THE WISCONSIN SINGER SHOWS. MSN BUS SV STORES D WIS ALUMNI
- 2. WISCONSIN ALUMNI ASSOCIATION MADISON, WI PITNEY BOWES MAIL MACHINE WIS ALUMNI MSN BUS SV STORES D

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

- 3. WISCONSIN POWER & LIGHT
 MADISON, WI
 GENERAL ELECTRIC WATTHOUR METER REPAIR PARTS
 MSN ENGR INSTRUM SYST CTR
- 4. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 MICHAEL C. MCMILLEN, PICO ESCONDIDO, MIXED MEDIA
 CONSTRUCTION
 MSN L&S ELVJM MUSEUM ART
- 5. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 3 PRINTS BY JIRI ANDERLE: CRUEL GAME FOR A MAN, IL SORRISO, AND VANITAS VIII MSN L&S ELVUM MUSEUM ART
- 6. MR. AND MRS. MARVIN FISHMAN
 M.L. FISHMAN COMPANY
 MILWAUKEE, WI
 GEORGE ROUAULT, THE FISHERMAN, WOOD ENGRAVING
 MSN L&S ELVJM MUSEUM ART
- 7. MS. MADELINE DORAN
 MADISON, WI
 UNKNOWN ENGLISH ARTISAN, SILVER CREAMER, 18TH
 CENTURY
 MSN L&S ELVJM MUSEUM ART
- 8. MRS. ANNE BARUCH
 CHICAGO, IL
 2 PRINTS BY JIRI ANDERLE, PORTRAIT OF ANNE B. AND
 SOLDIER, SON, AND WIFE.
 MSN L&S ELVJM MUSEUM ART
- 9. WISCONSIN FOUNDATION FOR THE ARTS MADISON, WI DAGNY QUISLING MYRAH, INDIAN LAKE, COLOR INTAGLIO MSN L&S ELVJM MUSEUM ART
- 10. ANDY AND SONJA WEINER
 MADISON, WI
 JOAN GARDY ARTIGAS, LA CRUCHE DE MON DOS, COLOR
 LITHOGRAPH.
 MSN L&S ELVJM MUSEUM ART
- 11. MRS. ROBERT M. BOLZ
 MADISON, WI
 KARL SCHRAG, SUNFILLED LANDSCAPE, COLOR
 LITHOGRAPH
 MSN L&S ELVJM MUSEUM ART
- 12. STUART APPLEBAUM
 WASHINGTON, D.C.
 AARON BOHROD, SUMMERTIME AND NEW ORLEANS STREET,
 2 LITHOGRAPHS
 MSN L&S ELVJM MUSEUM ART

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

- 13. MR. AND MRS. ANDREW WEINER
 MADISON, WI
 JIM BIRD, UNTITLED, MIXED MEDIA ON PAPER
 MSN L&S ELVJM MUSEUM ART
- 14. KAZUMI AMANO
 LONG ISLAND CITY, NY
 AMANO, EXISTENCE: OPPOSITE ANGLE A, PRINT
 MSN L&S ELVUM MUSEUM ART
- 15. MR. STUART APPLEBAUM
 WASHINGTON, D.C.
 CHILDE HASSAM, TITLE UNKNOWN--WALT WHITMAN'S
 HOUSE, ETCHING.
 MSN L&S ELVJM MUSEUM ART
- 16. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 KARL SCHRAG: EVENING RADIANCE, THE WORLD OF A
 FISH, THE ARTIST AS A BOY WITH HIS FATHER AND
 MOTHER, AND PORTRAIT OF BERNARD MALAMUD, 4 COLOR
 LITHOGRAPHS
 MSN L&S ELVJM MUSEUM ART
- 17. MRS. ELLIS JENSEN
 JANESVILLE, WI
 GEORGE ROUAULT, THE LAWGIVER FROM THE MISERERE
 SERIES, ACQUATINT
 MSN L&S ELVJM MUSEUM ART

INSTRUCTION

- 1. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 HOUGEN, OLAF A.--PROFESSORSHIP
 MSN ENGR CHEMICAL ENGR (TRUST) 10,500.00
- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) NATIONAL RESOURCE CENTER PROGRAM
 SOUTHEAST ASIAN AREA STUDIES
 FOR THE PERIOD 08-15-88 THROUGH 08-14-89
 AWARD # PO15A80151
 MSN L&S SPECIAL PROJECTS SE ASIA ST (144-AM06) 133,185.00
- 2) NATIONAL RESOURCE CENTER PROGRAM
 AFRICAN AREA STUDIES
 FOR THE PERIOD 08-15-88 THROUGH 08-14-89
 AWARD # PO15A80047
 MSN L&S AFRIC LANG & LIT AFR L&A CT (144-AM08) 134,116.00
- 3) NATIONAL RESOURCE CENTER PROGRAM
 LATIN AMERICAN AREA STUDIES
 FOR THE PERIOD 08-15-88 THROUGH 08-14-89
 AWARD # P015A8O018
 MSN L&S SPANISH & PORT IBERO-AMER (144-AM10) 72,014.00

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

4) NATIONAL RESOURCE CENTER PROGRAM SOUTH ASIAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # P015A80009 MSN L&S SO ASIAN STUDIES

(144-AM12) 127,951.00

121,748.00

- 5) NATIONAL RESOURCE CENTER PROGRAM EAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # P015A80005 MSN L&S INTROPT CR PROGS E ASIA STU (144-AM14)
- 6) VETERANS EDUCATIONAL OUTREACH PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # Q008812509 MSN AC SVC OFF OF REGISTRAR ADMIN (144-AN65) 9,099.00
- 3. UNIVERSITY AFFILIATED CINCINNATI CENTER FOR DEVELOPMENTAL DISORDERS CINCINNATI, OH PRIME CONTRACTOR WITH DED STRESS, HEALTH AND SOCIAL SUPPORTS AMONG FAMILIES AND CAREGIVERS OF OLDER ADULTS WITH DEVELOPMENTAL DISABILITIES FOR THE PERIOD 07-01-88 THROUGH 06-30-93 AWARD # AGR. DTD. 07/13/88 MSN GRAD WAISMAN CENTER (144-AL41) 74,434.00
- 4. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN ROCKVILLE, MD IN SUPPORT OF THE FOLLOWING:
 - 1) TRANSITIONS IN PEDIATRIC PULMONARY CARE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # MCJ-009072-04-0

MSN HS-MED PEDIATRICS (144-AJ40) 280,500.00

- 2) GRADUATE TRAINING PROGRAM IN MATERNAL-NEWBORN NURSING FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # MCJ-000134-25-0 MSN HS-NUR (144-AL20) 160,000.00
- 5. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:
- 1) PHYSICIAN SCIENTIST TRAINING IN CANCER MEDICINE FOR THE PERIOD 08-01-88 THROUGH 05-31-89 AWARD # 1 T32 CAO9614-01 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AK40) 105.017.00
- 2) POSTDOCTORAL TRAINING IN TUMOR BIOLOGY FOR THE PERIOD 09-01-88 THROUGH 05-31-89 AWARD # 5 T32 CAO9230-13 MSN HS-MED ONCOLOGY (144-AM67) 142, 100, 00

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

6.	LAKESHORE TECHNICAL INSTITUTE CLEVELAND, WI HORSE SCIENCE INSTRUCTION PROGRAM MSN AG&LSC MEAT& ANIMAL SCI	(133-A090)	750.00
7.	UNIVERSITY OF WISCONSIN FOUNDATION REPRESENTING A TRANSFER OF FUNDS FROM TH TINKER FOUNDATION, NEW YORK, NY MADISON, WI EDWARD LAROCQUE TINKER VISITING PROFESSO IN LATIN AMERICAN AFFAIRS MSN L&S ADMINISTRATION	R	101,850.00
8.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI ASSIST AND TRAIN TEACHERS OF MINORITY ST DEVELOP SKILLS RELATED TO HIGH TECHNOLOG AT A \$12,000 LEVEL AWARD # PAFOO348,PAFO3179,PAIO377 MSN ENGR PRE-ENGINEERING	Y	5,000.00
9.	MADISON, WI U.W. FORENSICS PROGRAM - COMMUNICATION A	RTS (133-K182)	10,000.00
10.	MADISON, WI EVELYN STEENBOCK SCHOLARSHIP FUND	(133-K660)	2,500.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VALBORG OFSTIE SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-K662)	1,000.00
12.	WISCONSIN POWER & LIGHT COMPANY FOUNDATI MADISON, WI WISCONSIN POWER & LIGHT COMPANY FELLOWSH AWARD FOR 1988-89 MSN ENV ST INSTRUCTNL PROG INSTR PROG	IPS	16,325.00
13.	CHICAGO, IL PROMOTE EDUCATION AND DEVELOPMENT OF YOU	NG PERSONS (133-1081)	4,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CHAIRMAN OF THE AMERICAN INS PROGRAM	TITUTIONS	
	MSN L&S INTROPT CR PROGS AMER INST	(133-3804)	19,390.00

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

	이 경구하고 있는 것 같아 하나 하는 것이 되었다. 그는 얼마 그렇게 하는데?		
1.	COUNCIL OF WISCONSIN LIBRARIANS, INC. MADISON, WI WISCONSIN LIBRARY CONSORTIUM MSN LIBR WIS INTRLIB SVCS	(133-B180)	77,973.00
2.	MULTIPLE DONORS SPECIAL SUPPORT FOR COOPERATIVE CHILDREN BOOK CENTER		
	MSN L&S LIB&INF ST	(133-D098)	1,586.00
3.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LAW SCHOOL	(133-F070)	1,265.79
4.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI PURCHASE OF MATERIALS FOR LIBRARY COLLEC MSN LIBR		5,025.00
5.	MULTIPLE DONORS BOHSTEDT LIBRARY FUND MSN AG&LSC MEAT& ANIMAL SCI	(133-N192)	213.80
6.			
	DURHAM, NC CRITICAL BIBLIOGRAPHY OF THE HISTORY OF	SCIENCE	
	AND ITS CULTURAL INFLUENCES MSN L&S HISTORY OF SCI	(133-7202)	6,340.00
7.			
	MADISON, WI WISCONSIN INTERLIBRARY SERVICES (WILS) MSN LIBR WIS INTRLIB SVCS	(133-8791)	218,111.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI SUPPORT SCHOOL OF SOCIAL WORK LIBRARY MSN L&S SOCIAL WORK	(133-8837)	100.00
MIS	CELLANEOUS		
1.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI OAKLEY, JANECLASSICAL STUDIES FUND MSN L&S CLASSICS	(TRUST)	2,900.00
2.	CHICAGO, IL SCHULTE, HELEN D. TRUST		
	SCHULTE, HELEN DENNELOAN FUND MSN HS-NUR	(TRUST)	8,218.71
3.	MULTIPLE DONORS ROBERTS, FANNIE ATWOODAGRICULTURE MSN AG&LSC PLANT PATHOLOGY POTATO-GEN	(TRUST)	221.00

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- 4. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 COON, LELAND A.--MUSICOLOGY FELLOWSHIP
 MSN L&S SCHOOL OF MUSIC (TRUST) 20,000.00
- 5. EARNINGS ON SHARES REC'D IN ESTATE
 LOVE, GEORGE R. AND ELAINE--MEDICAL FACULTY
 ENDOWMENT FUND
 MSN HS-MED (TRUST) 600.36
- 6. PRINCIPAL AND INCOME IN SUPPORT OF THE DEVELOPMENT OF LASTING MEMORIALS TO DR. MILLER, BOTH IN THE DEDICATION OF A CLASSROOM TO HER MEMORY AND ALSO DEVELOPMENT OF AN AWARD GIVEN FOR OUTSTANDING CONTRIBUTIONS TO OUR KNOWLEDGE OF CARCINOGENESIS MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY (TRUST)
- 7. GRAY, JUNE ESTATE
 DAKLAND, CA
 GRAY, NELLE JUNE--ECONOMIC POLICY
 MSN L&S ADMINISTRATION (TRUST) 53,909.08
- 8. EDUCATION, DEPT OF
 WASHINGTON, DC
 COLLEGE YEAR IN INDIA PROJECT
 (100,000 EQUIVALENT IN INDIAN RUPEES
 TO BE USED IN INDIA)
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # P021A80046-88A
 MSN G E A INTL STU & PROGS
- 9. EDUCATION, DEPT OF
 WASHINGTON, DC
 FULBRIGHT-HAYS TRAINING GRANTS DOCTORAL
 DISSERTATION RESEARCH ABROAD PROGRAM
 (301,190 EQUIVALENT IN INDIAN RUPEES
 TO BE USED IN INDIA)
 FOR THE PERIOD 07-01-88 THROUGH 12-31-89
 AWARD # PO22A8OO04-88A
 MSN GRAD ADMINISTRATION ADMIN
- 10. C.D.D. UNIVERSITY PHYSICIANS IN PATHOLOGY
 MADISON, WI
 SUPPORT OPERATION OF THE DEPARTMENT OF PATHOLOGY
 MSN HS-MED PATHOL & LAB MED ANAT PATH (133-A524) 19,500.00
- 11. WISCONSIN LAW ALUMNI ASSOCIATION
 MADISON, WI
 DEFRAY SALARY OF EXECUTIVE DIRECTOR OF WISCONSIN
 LAW ALUMNI ASSOCIATION
 MSN LAW LAW SCHOOL (133-A829) 22,400.00
- 12. MULTIPLE DONORS
 DEVELOPMENT OF DIVISION OF PLASTIC SURGERY
 MSN HS-MED SURGERY
 DENT&P SRG (133-B085) 200.00

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MITO			
13.	MADISON, WI HERBARIUM EXPENSES	(133-B291)	2,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING UNRESTRICTED GRAN		
	MSN ENGR MECHANICAL ENGR	(133-B430)	15,000.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORE	TUM	
	COORDINATOR		
	MSN ARBOR ARBORETUM	(133-B663)	6,334.86
16.	MERITER MADISON GENERAL HOSPITAL		
	MADISON, WI REIMBURSEMENT FOR SALARY OF SCHOOL OF NU FACULTY MEMBER EMPLOYED PART-TIME AT MAD GENERAL HOSPITAL		
	MSN HS-NUR ADMINISTRATION ADMIN	(133-B664)	11,843.35
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	BEYER PROFESSORSHIP IN ACCOUNTING MSN BUS SCH OF BUSINESS	(133-C281)	41,442.84
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	MEDICAL ENGINEERING PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-C932)	6,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL	(133-D057)	231.00
20.	MADISON, WI		
	WILLIAM F. VILAS TRUST ESTATE RETIREMENT FUND		
	MSN BUS SV ADMINISTRATION ADMINISTRA	(133-D085)	15,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DEPARTMENT OF SLAVIC LANGUAGES CHAIRMAN'	S	
	DISCRETIONARY ACCOUNT MSN L&S SLAVIC LANGUAGES	(133-D437)	3,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	CAD/CAM PROGRAM MSN ENGR MECHANICAL ENGR	(133-D807)	20,000.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	10,000.00
24.	ETHYL CORPORATION RICHMOND, VA CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-D951)	3,000.00
25.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE ENDOCRINOL) (133-E309)	200.00
26.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY		1,849.68
27.	C.D.O. UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	ORT STAFF (133-E649)	5,000.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF AGRICULTURAL ECONOMICS MSN AG&LSC AG ECONOMICS	OF (133-F131)	3,500.00
29.	MULTIPLE DONORS WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	25.00
30.	RESEARCH IN NURSING AND HEALTH CHICAGO, IL EDITORIAL EXPENSES OF PROFESSIONAL JOURN. MSN HS-NUR	AL (133-F673)	1,750.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANUFACTURING SYSTEMS ENGINEERING CURRIC MSN ENGR ENGR EXPER STA MFG SY ENG	ULUM (133-F912)	500.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MATERIALS SCIENCE INDUSTRIAL CONSORTIUM MSN ENGR ENGR EXPER STA MATERLS SC	(133-G075)	20,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVUM MUSEUM ART	(133-G348)	15,000.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

34.	MADISON, WI TRANSFERS RELATED TO SCIENCE WRITER IN RESIDENCE PROGRAM		
	MSN G SERV OFFC-PUBLIC INFO DIR'S OFFC (133	-G613)	8,000.00
35.	MADISON, WI		
	QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES		
	MSN HS-MED MEDICINE (133	-G652)	18,774.96
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	CENTER FOR HEALTH ECONOMICS AND LAW EXPENSES MSN L&S ECONOMICS (133	-G682)	14,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISABLED PERSONS ON CAMPUS FUND		
	MSN G E A DEAN OF STUDENTS PR DISABLD (133	-G743)	30,500.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMIS		
			2,500.00
39.	MADISON, WI		
	CONSERVATION OF VAN VLECK PRINTS MSN L&S ELVUM MUSEUM ART (133	-G989)	2,500.00
40.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH		
	DISCRETIONARY FUNDS FOR LIAISON OFFICER COMMUNICATION ACTIVITY FOR THE PERIOD		
	O7-01-84 THRU 06-01-89 AT AN \$37,500 LEVEL MSN G E A INTL STU & PROGS (133	-H552)	12,500.00
41.	MADISON, WI		
	SUPPLIES, EQUIPMENT AND MISCELLANEOUS EXPENSE: MSN L&S ECONOMICS (133	S -H571)	20,023.00
42.	MADISON, WI		
	ARBORETUM EDUCATION COORDINATOR SALARY AND PROGRAM SUPPORT FUND MSN ARBOR ARBORETUM (133	-H948)	4,273.35
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	ALBRIGHT PROFESSORSHIP IN BUSINESS AND FINANCI	E -J185)	14,394.63
	물리 되는 그 가는 일을 가고 하셨다. 그는 가 그리고 이 집에는 이번에 이번에 가는 사람들이 되었다. 그는 사람들이 다		

UNIVERSITY OF WISCONSIN - MADISON

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44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - ACCOUNTING MSN BUS SCH OF BUSINESS (133-J186)	15,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - FINANCE MSN BUS SCH OF BUSINESS (133-J187)	24,990.00
46.	DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS (133-J188)	
	3,000.00 DSCAR MAYER FOODS CORPORATION MADISON, WI 3,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		6,500.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - PLACEMENT MSN BUS SCH OF BUSINESS (133-J189)	7,000.00
48.	CAREER RESEARCH SYSTEMS, INC. FOUNTAIN CALLEY, CA DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR CAREER P&P (133-J393)	500.00
49.		
	MADISON, WI DEAN'S DISCRETIONERY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS (133-J620)	1,000.00
50.	UNRESTRICTED GRANT FOR THE INSTITUTE FOR	
	CHEMICAL EDUCATION MSN L&S CHEMISTRY (133-J716)	12,812.00
51.	MADISON, WI BABCOCK HORTICULTURAL GARDENS	70,000.00
52.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI	
	SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	KICKHAFEED GIFT FUND	2,000.00

UNIVERSITY OF WISCONSIN - MADISON

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54.	MADISON, WI BISHOP GIFT FUND	(133-J820)	2,500.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	FRIENDS OF THE ARBORETUM GIFT SUPPORT FUN MSN ARBOR ARBORETUM	ND (133-K175)	549.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	FRENCH DEPARTMENT DISCRETIONARY FUND	(133-K219)	1,500.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED	(133-K244)	3,000.00
58.	PLATTEVILLE SCHOOL DISTRICT PLATTEVILLE, WI		
	EVALUATION PROJECT OF THE TEACHER INCENT: PILOT PROGRAM / PLATTEVILLE SCHOOL DISTRI MSN EDUC WIS CTR EDUC RES		600.00
59.	DEPARTMENT OF HORTICULTURE DISCRETIONARY	FUND (133-K551)	1,820.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI		
	MELROSE MOTION COMPANY, MODERN DANCE THEAMSN EDUC PHYS ED & DANCE DANCE		800.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI		
	BIODYNAMICS LABORATORY EQUIPMENT AND SUPP MSN EDUC PHYS ED & DANCE BIODYN LAB	PLY FUND (133-K748)	1,000.00
62.	DISCRETIONARY FUND IN THE DEPARTMENT OF	INTERNAL	
	MEDICINE MSN HS-MED MEDICINE GEN INT MD	(133-K814)	321.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARILLON FUND		
		(133-K942)	2,500.00
64.	CIBA-GEIGY CORPORATION SUMMIT, NJ		
	ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST	(133-K955)	21,000.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

65. 66.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC AMERICAN OCCUPATIONAL THERAPY FOUNDATION	(133-K995)	77.00
	ROCKVILLE, MD SUPPORT OCCUPATIONAL THERAPY JOURNAL OF RESEARCH	(133-L090)	150.00
67.	MULTIPLE DONORS DEPARTMENTAL DISCRETIONARY FUND MSN AG&LSC POULTRY SCIENCE	(133-L097)	500.00
68.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	43,814.74
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SPECIAL PROJECTS FUND MSN L&S SCHOOL OF MUSIC	(133-L549)	1,000.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEETHOVEN PIANO RECITAL FUND MSN L&S SCHOOL OF MUSIC	(133-L555)	400.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTIST IN RESIDENCE PROGRAM MSN L&S SCHOOL OF MUSIC	(133-L556)	3,900.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAMBER MUSIC PROGRAM MSN L&S SCHOOL OF MUSIC	(133-L557)	1,000.00
73.	MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPA REQUESTS		
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	(133-L568)	50,000.00
	DISCRETIONARY FUND FOR NEW ONGOING DEPAR REQUESTS MSN HS-MED	TMENTAL (133~L569)	9,500.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S TRANSITIONAL FUNDING MSN HS-MED	(133-L570)	4,000.00

UNIVERSITY OF WISCONSIN - MADISON

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76.	MULTIPLE DONORS RURAL SOCIOLOGY ANNUAL MEETINGS MSN AG&LSC RURAL SOCIOLOGY	(133-L589)	200.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEN LAWTON AWARD FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-L754)	500.00
78.	MADISON, WI HERSHEY FILM	(133-L838)	29,499.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI MEDICAL PHYSICS DEPARTMENTAL LIBRARY FUN MSN HS-MED MEDICAL PHYSICS	D (133-L896)	1,000.00
80.	MEDICAL RESEARCH COUNCIL OF CANADA OTTAWA, CANADA RESEARCH ALLOWANCE		
		(133-L967)	1,067.43
81.	BLACK EARTH, WI RESEARCHING WAYS TO MEASURE THE SOCIAL A ECONOMIC IMPACTS OF THE EMERGING BIOTECH	ND	200.00
82.	HISTORY OF CARTOGRAPHY PROJECT	(133-M109)	250.00
83.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL MSN HS-PHR PHARMACY	EXPENSES (133-M375)	. 000 47
84.		(133-M3/5)	1,969.47
	MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERAT RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATE	S	
0.5		(133-M530)	18,400.00
85.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SU MSN HS-MED PSYCHIATRY	PPORT (133-M651)	16,080.33
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DISCRETIONARY ACCOUNT IN THE SCHOOL OF S MSN L&S SOCIAL WORK	OCIAL WORK (133-M732)	500.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

MITO	GELLANEOUS	
	INTERNATIONAL DEVELOPMENT PROGRAMS OF AUSTRALIAN UNIVERSITIES AND COLLEGES CANBERRA, AUSTRALIA AUSTRALIAN UNIVERSITIES SHORT TERM TRAINING COSTS OF PHILIPPINE SCHOLARS MSN G E A INTL STU & PROGS (133-M835)	300.00
88.	UOHNSON (S.C.) & SON, INC. RACINE, WI CHARACTERIZATION OF INSECTICIDAL ACTIVITY OF XENORHABDUS LUMINESCENS MSN AG&LSC BACTERIOLOGY (133-N059)	29,852.00
89.	MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN CREATIVE ARTS	5,000.00
90.	COMITE CONJUNTO HISPANO-NORTEAMERICANO MADRID, SPAIN PUBLICATION OF CRITICAL EDITIONS OF MEDIEVAL SPANISH MEDICAL TEXTS FOR THE PERIOD 10-01-88 THRU 09-30-89 AWARD # 884010 MSN L&S SPANISH & PORT (133-N206)	11,000.00
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)	62,493.74
92.	MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND	5,000.00
93.	MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND	7,826.05
94.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 120.00 MULTIPLE DONORS	
		1,120.00
95.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)	20.00
96.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS ASSOCIATES	
	MSN HS-MED OBSTET & GYNECOL (133-6296)	82,770.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

WI 2	CELLANEUUS		
97.	MADISON, WI DEPARTMENT OF PATHOLOGY CHAIRMAN'S UNRES FUND	TRICTED	
	MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-6647)	31,906.00
98.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL	(133-6741)	1,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETION		
	MSN L&S ENGLISH	(133-7849)	79.61
100.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPM MSN ARBOR ARBORETUM	ENT FUND (133-7854)	280.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF COMMUNICATION ARTS CHAIRMA DISCRETIONARY GRANT MSN L&S COMMUN ARTS	N'S (133-8261)	2,600.00
102.	MULTIPLE DONORS BLUE BUS CLINIC OPERATION MSN HS-UHS HEALTH SVC-BBC	(133-8650)	10.00
103.	MOBIL OIL CORPORATION DENVER, CO DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIR DISCRETIONARY GRANT FOR CHARITABLE, EDUC OR SCIENTIFIC PURPOSES MSN L&S GEOL & GEOPHYSCS		1,000.00
104.	WISCONSIN RURAL REHABILITATION CORPORATI MADISON, WI SUPPORT FAMILY PHYSICIANS RESIDENCIES AT CLINICS	RURAL	
	MSN HS-MED FAM MED & PRACT	(133-9582)	15,000.00

- 1. INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA, AUSTRIA MEASUREMENTS OF KERMA FACTORS FOR NEUTRONS OF ENERGIES ABOVE 14 MEV MSN HS-MED MEDICAL PHYSICS
- 2. GENETICS INSTITUTE
 CAMBRIDGE, MA
 TRANSFER OF MATERIAL
 MSN VET M MEDICAL SCIENCES

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

3.	LA JOLLA	CANCER	RESEARCH	FOUNDATION
	LA JOLLA,	CA		
	CDNA CLON	E FOR	VITRONECT	N MOLECULE
	MSN HS-ME	D PHYS	IOLOG CHEN	1

4.	WISCONSIN ALUMNI RESEARCH FOUNDATION
	MADISON, WI
	RESEARCH COMMITTEE AWARDS TO FACULTY RESEARCHERS,
	\$9,257,941, HAIGHT PROFESSORS, \$5,000,
	BRITTINGHAM VISITING PROFESSORS, \$25,000, SPECIAL
	RESEARCH EQUIPMENT MATCH FUNDS, \$500,000, AND
	FELLOWSHIPS, \$1,470,000 - 1988-89
	MSN GRAD (135-9998)11,257,941.00
=	EADNINGS ON CHARES DECID IN ESTATE

5.	EARNINGS ON SHARES REC'D II	N ESTATE		
	MORRELL, SUSAN M MEDICAL	RESEARCH		
	MSN HS-MED ADMINISTRATION	DEANS OFFC	(TRUST)	25.00

6.	EARNINGS UN MISC. INVESTMENTS			
	PHANEUF, DUANEMEDICAL RESEARCH			
	MSN HS-MED	(TRUST)	111.07

7. MYER, MRS. BETTY	
BERLIN, WI	
COLLINS, HORACELEUKEMIA	RESEARCH
MSN HS-MED MEDICINE	HEMATOLOGY (TRUST) 1,000.00

8.	RESEARCH TO PREVENT BLINDNESS, INC.	
	NEW YORK, NY	
	OPHTHALMOLOGY DEPARTMENT RESEARCH FUND #1	
	MSN HS-MED OPHTHALMOLOGY (TRUST) 40,000.00

9.	MCARDLE LABORATORY FO	UR	CANCER	RESEARCH		
	DISCRETIONARY FUND					
	MSN HS-MED DNCOLOGY				TRUST)

357.47	SUGDEN, WILLIAM	
	MADISON, WI	
1,550.00	KNUTSON, JOYCE C.	
	MADISON, WI \$ 300.00	
	MULTIPLE DONORS \$ 1250.00	
5,200.00	BARABOO UNITED FUND, INC	
	BARABOO, WI	

7,107.47

10.	MULTIPLE DONORS		
	WISCONSIN CLINICAL CANCER	CENTERRESEARCH	
	MSN HS-MED HUMAN ONCOLOGY		TRUST) 1,751.00

11.	RUSCH, HAROLD P RESEARCH FELLOWSHIP	
	MSN HS-MED ONCOLOGY	(TRUST)

2,745.00	CONNEY, ALLAN	
	PRINCETON, NJ	\$ 500.00
	MULTIPLE DONORS	\$ 2245.00
75 00	MILL TIPLE DONORS	

2,820.00

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

12. FIRST NATIONAL BANK OF BARABOO
REEDSBURG, WI
FUCHS, FLORENCE S. ESTATE
PRINCIPAL AND INCOME AVAILABLE FOR CANCER
RESEARCH
FUCHS, FLORENCE S.--CANCER RESEARCH
MSN HS-MED ONCOLOGY (TRUST

(TRUST) 236,522.46

200,000.00

13. AGRICULTURE, DEPT. OF
MADISON, WI
WISCONSIN LAND RECORDS PROJECT FOR ACCELERATING
CONSERVATION PLANNING AND PROGRAM SERVICES
DELIVERY
FOR THE PERIOD 02-17-87 THROUGH 12-31-88
AT A TOTAL COST OF \$264,140.00
AWARD # 695 F48758, MOD. 3
MSN AG&LSC NR-LANDSCAP ARCH (144-Y976) 48,640.00

14. AGRICULTURE, DEPT. OF

- WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) FARM AND OFF-FARM INCOME AND EMPLOYMENT OF FARM
 OPERATORS AND THEIR FAMILIES
 FOR THE PERIOD O7-26-83 THROUGH 09-30-90
 AT A TOTAL COST OF \$75,000.00
 AWARD # 58-319S-3-00229, MOD. 5
 MSN AG&LSC AG ECONOMICS (144-T670) 15,000.00
- 2) ANALYSIS OF RURAL AND NONMETROPOLITAN POPULATION
 CHANGE, 1950 TO DATE
 FOR THE PERIOD 08-15-85 THROUGH 09-30-89
 AT A TOTAL COST OF \$66,000.00
 AWARD # 58-319S-5-00331, MOD. 4
 MSN AG&LSC RURAL SOCIOLOGY (144-X147) 15,000.00
- 15. AGRIC, COOPERATIVE STATE RESEARCH SERVICE WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
 - 1) DEVELOPMENT OF PORCINE EMBRYOS AFTER
 MULTIPLICATION BY NUCLEAR TRANSFER
 FOR THE PERIOD O8-01-88 THROUGH 07-31-90
 AWARD # 88-37240-3755
 MSN AG&LSC MEAT& ANIMAL SCI (144-AM75)
 - 2) CELLULAR REGULATION OF MEIOTIC STATE IN BOVINE
 ODCYTES
 FOR THE PERIOD 09-01-88 THROUGH 08-31-90
 AWARD # 88-37240-3740
 MSN AG&LSC MEAT& ANIMAL SCI (144-AM76) 144,000.00
 - 3) CHARACTERIZATION OF BOVINE MHC CLASS I & II GENES
 IN THE LYMPHOBLASTOID CELL LINE BL3
 FOR THE PERIOD 07-15-88 THROUGH 07-31-90
 AWARD # 88-37265-3730
 MSN AG&LSC VETERINARY SCI (144-AN40) 150,000.00

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RESEARCH

4) THE ORGANIZATION, REGULATION AND PERFORMANCE OF THE U.S. FOOD SYSTEM FOR THE PERIOD 09-15-88 THROUGH 09-30-91 AWARD # 88-34101-3927 MSN AG&LSC AG ECONOMICS (144-AN81) 140,304.00

5) CONFORMANCE OF RESEARCH PROJECTS WITH
ESTABLISHED PRIORITIES
FOR THE PERIOD O6-01-88 THROUGH 05-31-89
AWARD # 88-COOP-1-3686
MSN AG&LSC N RSRCS-FORESTRY (144-AN93) 21,820.00

16. AGRIC, FOREST SERVICE
MADISON, WI
IN SUPPORT OF THE FOLLOWING:

1) THE STUDY OF FURAN DERIVATIVES AND THEIR
RELATIONSHIP TO ADHESIVE FORMULATION AND
PROPERTIES
FOR THE PERIOD 09-01-88 THROUGH 12-31-88
AWARD # FP-87-0964, MOD. 2
MSN ENGR CHEMICAL ENGR (144-AM16) 3,000.00

2) CYTOLOGY AND DEVELOPMENT OF SPECIES OF ARMILLARIA
FOR THE PERIOD 07-28-88 THROUGH 08-31-90
AWARD # FP-88-1092
MSN AG&LSC PLANT PATHOLOGY (144-AN42) 25,669.00

17. AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:

1) EVALUATION OF INDIGENOUS PLANTS USED BY RAWANDANS
AS PROTECTANTS AGAINST INSECTS IN EDIBLE DRY BEANS
DURING STORAGE
FOR THE PERIOD 08-05-88 THROUGH 08-04-91
AWARD # DPE-5542-G-SS-8047-00
MSN AG&LSC ENTOMOLOGY (144-AN56) 144,596.00

2) CONTROL OF BRUCHID SEED WEEVILS OF COMMON BEAN
USING UNIQUE PROTEINS HAVING INSECTICIDAL
PROPERTIES
FOR THE PERIOD 07-13-88 THROUGH 07-12-91
AWARD # DPE-5542-G-SS-8030-00
MSN AG&LSC HORTICULTURE (144-AP12) 149,939.00

18. ABT ASSOCIATES, INC.
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
AGRICULTURAL POLICY IMPLEMENTATION PROJECT-TUNISIA
FOR THE PERIOD 11-06-87 THROUGH 10-30-88
AT A TOTAL COST OF \$25,000.00
AWARD # 664-0343(APIP), MOD. 1
MSN AG&LSC INTL AG PRGS-ADM (144-AC29) 15,000.00

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RESEARCH

19. COMMERCE, DEPT OF
WASHINGTON, DC
A GOES ARCHIVE-RETRIEVAL SYSTEM
FOR THE PERIOD 09-21-84 THROUGH 09-30-88
AT A TOTAL COST OF \$2,043,382.96
AWARD # NA-84-SAC-00019, MOD. 12
MSN GRAD SPACE SCI&ENG CT (1

(144-W029) 37,158.96

- 20. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM ROCKVILLE, MD IN SUPPORT OF THE FOLLOWING:
 - 1) NATIONAL SEA GRANT COLLEGE PROGRAM
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # NA84AA-D-00065 #8
 MSN GRAD SEA GRANT INSTIT (

(144-AM79) 1,709,200.00

2) EXPANSION OF COOPERATIVE RESEARCH USING AN ADDITIONAL MCIDAS INTERACTIVE METEOROLOGICAL WORKSTATION FOR THE PERIOD 05-01-88 THROUGH 09-30-88 AWARD # 40AANW800962 MSN GRAD SPACE SCI&ENG CT (144-AN

(144-AN74) 14,000.00

21. EDUCATION, DEPT OF
WASHINGTON, DC
FIELD INITIATED RESEARCH - DISUSE OSTEOPOROSIS
IN SPINAL CORD INJURED PATIENTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GOO8720124-88
MSN HS-MED REHABIL MEDICINE (144-A

(144-AM68) 64,075.00

26,615.00

22. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
CAREER OPTIONS PLANNER & PASSPORT
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO #PAI-00310
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AK80)

23. MADISON METROPOLITAN SCHOOL DISTRICT
MADISON, WI
PRIME CONTRACTOR WITH DED
ESTABLISHMENT OF A TRAINING AND
DEMONSTRATION PROJECT
FOR THE PERIOD 09-01-84 THROUGH 06-30-89
AT A TOTAL COST OF \$30,000.00
AWARD # AGR DTD 07/11/88, MOD. 4
MSN GRAD WAISMAN CENTER (144-W104) 10.000.00

24. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
KANSAS CITY, MO
UNIVERSITY AFFILIATED PROGRAM - ADMINISTRATION
AND OPERATIONS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 07DD0273/17
MSN GRAD WAISMAN CENTER (144-AK53) 200,000.00

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RESEARCH

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

1) ROLE OF CENTRAL CRF IN STRESS-INDUCED BEHAVIOR FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 5 RO1 MH40855-03 MSN HS-PSY PSYCHIATRIC INST (144-AL77

(144-AL77) 90,279.00

2) RESEARCH SCIENTIST AWARD FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 1 KO5 MHOO743-01 MSN L&S PSYCHOLOGY

(144-AL80) 60,215.00

3) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 F32 MH09678-01 MSN L&S PSYCHOLOGY

(144-AM62) 18,996.00

4) ALCOHOL USE AND AVIATION SAFETY
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 2 RO1 AA06093-05
MSN L&S PSYCHOLOGY

(144-APO9) 91,314.00

5) ANXIETY SYSTEM & ATTENTIONAL DEFICITS IN PSYCHOPATHY
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 2 RO1 MH37711-06
MSN L&S PSYCHOLOGY

(144-AP11) 112,183.00

26. DHHS, PHS, NATL CTR FOR HLTH SERVICES RES
ROCKVILLE, MD
FINANCING AND ROLE OF THE MEXICAN PRIVATE HEALTH
SECTOR
FOR THE PERIOD 08-01-88 THROUGH 07-31-89
AWARD # 1 RO3 HSO6111-01
MSN HS-MED PREVENTIVE MED (144-AP07)

(144-APO7) 21,541.00

27. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
BENEFITS OF AN INTERDISCIPLINARY APPROACH TO
FEEDING AVERSION: A FEEDING NEEDS PROJECT
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # MCJ-555010-02-0
MSN HS-MED PEDIATRICS (144-AJ45) 100,699.00

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

1) HISTORY AND CONTROL OF THE HAPTOGLOBIN GENE CLUSTER
(REDUCED DUE TO TRANSFER OF PRINCIPAL INVESTIGATOR TO ANOTHER GRANTEE INSTITUTION)
FOR THE PERIOD 12-01-87 THROUGH O6-30-88
AT A TOTAL COST OF \$49,499.00
AWARD # 5 RO1 GM37567-02, MOD. 2
MSN HS-MED GENETICS (144-AB79

(144-AB79) 48,101.00-

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RESEARCH

2) NORMAL FERTILIZATION AND PREIMPLANTATION GROWTH IN VITRO FOR THE PERIOD 12-01-87 THROUGH 11-30-88 AT A TOTAL COST OF \$172,241.00 AWARD # 5 UO1 HD22023-03, MOD. 2 MSN AG&LSC VETERINARY SCI

(144-AB80) 8,403.00

3) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC MYCOTOXIN (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$83,894.00 AWARD # 5 RO1 CA15064-16, MOD. 2 MSN AG&LSC FOOD MICRO&TOXIC

(144-AC65) 108.00-

4) REGAINING FUNCTIONAL ABILITIES AFTER HIP FRACTURE FOR THE PERIOD 02-15-88 THROUGH 02-14-89 AT A TOTAL COST OF \$127,334.00 AWARD # 5 RO1 NRO1624-02, MOD. 1 MSN HS-NUR

(144-AD74) 554.00

1.985.00-

- 5) PARALLEL PATHWAYS IN VISUAL PROCESSING AND DEVELOPMENT FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # 5 RO1 EY02545-10 MSN L&S PSYCHOLOGY
 - (144-AF19) 171,334.00
- 6) ALCOHOL CONSUMPTION, LACTATION AND BREAST CANCER RISK FOR THE PERIOD 04-05-88 THROUGH 03-31-89 AT A TOTAL COST OF \$285,691.00 AWARD # 1 RO1 CA47147-01, MOD. 1 MSN HS-MED HUMAN ONCOLOGY

CAN C-BIOM (144-AF94) 653.00

- 7) ENTERIC NEURON ABLATION; ALTERED MOTILITY AND SECRETION (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AT A TOTAL COST OF \$101,121.00 AWARD # 5 RO1 DK32594-05, MOD. 1 MSN HS-PHR PHARMACY (144-AGO3)
- 8) METABOLISM AND FUNCTION OF THE FAT-SOLUBLE VITAMINS FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AT A TOTAL COST OF \$815,135.00 AWARD # 5 PO1 DK14881-18, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AG51) 393,046.00
- 9) GENETIC STUDIES WITH CULTIVATED MAMMALIAN CELLS (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AT A TOTAL COST OF \$174,369.00 AWARD # 5 RO1 GMO6983-29, MOD. 1 MSN HS-MED GENETICS (144-AG62) 202.00-

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

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10) ECOG CCOP RESEARCH BASE FOR THE PERIOD 08-01-88 THROUGH 05-31-89 AWARD # 5 U10 CA37403-05 MSN HS-MED HUMAN DNCOLOGY EAST COOP (144-AG87) 783,444.00 11) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD (REDUCED DUE TO EARLY TERMINATION OF FELLOW) FOR THE PERIOD 06-01-88 THROUGH 06-30-88 AT A TOTAL COST OF \$3,333.00 AWARD # 7 F22 GMI1828-02, MOD. 1 MSN L8S CHEMISTRY (144-AH19) 21,663.00- 12) NMR SPECTROSCOPY IN PROTEIN CHEMISTRY FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AT A TOTAL COST OF \$39,763.00 AWARD # 2 RO1 GM35976-04, MOD. 1 MSN AG8LSC BIOCHEMISTRY (144-AH20) 64,336.00 13) THE BIOCHEMISTRY OF GENETIC RECOMBINATION/ RECA PROTEIN (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$140,251.00 AWARD # 5 RO1 GM32335-06, MOD. 1 MSN AG8LSC BIOCHEMISTRY (144-AJ09) 3,129.00- 14) ION CHANNELS AND OSMOTAXIS IN ESCHERICHIA COLI FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM32335-06, MOD. 1 MSN AG8LSC BIOCHEMISTRY (144-AJ16) 182,970.00 15) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #1) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00	KES			
SERVICE AWARD (REDUCED DUE TO EARLY TERMINATION OF FELLOW) FOR THE PERIOD 06-01-88 THROUGH 06-30-88 AT A TOTAL COST OF \$3,333.00 AWARD # 7 F32 GM11828-02, MOD. 1 MSN L&S CHEMISTRY (144-AH19) 21,663.00- 12) NMR SPECTROSCOPY IN PROTEIN CHEMISTRY FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AT A TOTAL COST OF \$298,763.00 AWARD # 2 R01 GM35976-04, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AH20) 64,336.00 13) THE BIOCHEMISTRY OF GENETIC RECOMBINATION/ RECA PROTEIN (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$140,251.00 AWARD # 5 R01 GM32335-06, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AJ09) 3,129.00- 14) ION CHANNELS AND OSMOTAXIS IN ESCHERICHIA COLI FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 DK39121-02 MSN AG&LSC BIOCHEMISTRY (144-AJ16) 182,970.00 15) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #1) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 P01 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 P01 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 P01 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 P01 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00	10)	FOR THE PERIOD 08-01-88 THROUGH 05-31-89 AWARD # 5 U10 CA37403-05		783,444.00
FOR THE PERIOD O6-O1-88 THROUGH O5-31-89 AT A TOTAL COST OF \$298,763.00 AWARD # 2 RO1 GM35976-O4, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AH2O) 64,336.00 13) THE BIOCHEMISTRY OF GENETIC RECOMBINATION/ RECA PROTEIN (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD O7-O1-88 THROUGH O6-30-89 AT A TOTAL COST OF \$140,251.00 AWARD # 5 RO1 GM32335-O6, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AJ09) 3,129.00- 14) ION CHANNELS AND OSMOTAXIS IN ESCHERICHIA COLI FOR THE PERIOD O7-O1-88 THROUGH O6-30-89 AWARD # 5 RO1 DK39121-O2 MSN AG&L\$C BIOCHEMISTRY (144-AJ16) 182,970.00 15) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #1) FOR THE PERIOD O7-O1-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23O76-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD O7-O1-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23O76-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD O7-O1-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23O76-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #5) FOR THE PERIOD O7-O1-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23O76-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00	11)	SERVICE AWARD (REDUCED DUE TO EARLY TERMINATION OF FEL FOR THE PERIOD 06-01-88 THROUGH 06-30-88 AT A TOTAL COST OF \$3,333.00 AWARD # 7 F32 GM11828-02, MOD. 1	LOW)	21,663.00-
RECA PROTEIN (REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS PROVIDED) FOR THE PERIOD O7-01-88 THROUGH O6-30-89 AT A TOTAL COST OF \$140,251.00 AWARD # 5 RO1 GM32335-06, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AJ09) 3,129.00- 14) ION CHANNELS AND OSMOTAXIS IN ESCHERICHIA COLI FOR THE PERIOD O7-01-88 THROUGH O6-30-89 AWARD # 5 RO1 DK39121-02 MSN AG&LSC BIOCHEMISTRY (144-AJ16) 182,970.00 15) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #1) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00	12)	FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AT A TOTAL COST OF \$298,763.00 AWARD # 2 RO1 GM35976-04, MOD. 1		64,336.00
FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK39121-02 MSN AG&LSC BIOCHEMISTRY (144-AJ16) 182,970.00 15) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #1) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #5) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11	13)	RECA PROTEIN (REDUCED TO REFLECT FUNDING AGENCY CORRE IN THE AMOUNT OF INDIRECT COSTS PROVIDED FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$140,251.00 AWARD # 5 RO1 GM32335-06, MOD. 1	CTION)	3,129.00-
BIOLOGY (PROJECT #1) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ76) 239,114.00 16) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #2) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #5) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11	14)	FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK39121-02		182,970.00
BIOLOGY (PROJECT #2) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ77) 141,492.00 17) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #3) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #5) FOR THE PERIOD O7-01-88 THROUGH O5-31-89 AWARD # 2 PO1 CA23076-11	15)	BIOLOGY (PROJECT #1) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11		239,114.00
BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY (144-AJ78) 95,808.00 18) THE CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT #5) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11	16)	BIOLOGY (PROJECT #2) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11		141,492.00
BIOLOGY (PROJECT #5) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11	17)	BIOLOGY (PROJECT #3) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11		95,808.00
	18)	BIOLOGY (PROJECT #5) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11		78,002.00

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19)	THE CELL CYCLE AND DIFFERENTIATION IN TURBIOLOGY (PROJECT #6) FOR THE PERIOD 07-01-88 THROUGH 05-31-89 AWARD # 2 PO1 CA23076-11 MSN HS-MED ONCOLOGY		162,064.00
20)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAR FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO4 HLO1870-02 MSN HS-MED MEDICINE HEMATOLOGY		53,525.00
21)	INTESTINAL MUCOSAL FUNCTION IN DIABETES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK13927-19 MSN HS-MED MEDICINE GASTROENT	(144-AJ96)	80,699.00
22)	IN-VIVO EVALUATION OF SURFACE-INDUCED THROMBOGENESIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 RO1 HL24046-09 MSN ENGR CHEMICAL ENGR	(144-AK92)	130,725.00
23)	INDUCIBLE ERYTHROMYCIN RESISTANCE FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 AI18283-08 MSN HS-MED PHARMACOLOGY	(144-AL18)	147,333.00
24)	SMALL INSTRUMENTATION PROGRAM FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 S15 NS26689-01 MSN HS-MED ADMINISTRATION DEANS OFFC		83,433.00
25)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 KO8 NSO1317-01 MSN HS-MED NEUROLOGY	(144-AL25)	63,893.00
26)	STRUCTURE-FUNCTION RELATIONSHIPS OF ANTIESTROGEN FOR THE PERIOD 07-15-88 THROUGH 06-30-89 AWARD # 2 RO1 CA32713-07 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL		
	NONPARAMETRIC STATISTICAL METHODS IN CANCER RESEARCH FOR THE PERIOD O8-01-88 THROUGH 01-31-89 AWARD # 7 RO1 CA45544-02 MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM		30,784.00
28)	IMMUNOBIOLOGY OF SCHISTOSOME - MOLLUSC INTERACTIONS FOR THE PERIOD 07-01-88 THROUGH 12-31-88 AWARD # 7 RO1 AI15503-11 MSN VET M PATHOBIOLGCL SCI		57,161.00

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29) NONPARAMETRIC ANALYSIS OF CENSORED DATA FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 CA35464-05 MSN L&S STATISTICS	(144-AL57)	35,505.00
30) REGULATION OF BROWN ADIPOSE TISSUE THERMOFOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 DK32686-06 MSN AG&LSC NUTRITIONAL SCI	GENESIS	66,960.00
31) SMALL INSTRUMENTATION PROGRAM FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 S15 NS26687-01 MSN VET M ADM-RES& GRAD TR ADM-RES&GR	(144-AL79)	13,946.00
32) CYTOCHROME BIOGENESIS AND STRUCTURE FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 RO1 GM37509-01A1 MSN AG&LSC BACTERIOLOGY	(144-AL81)	89,741.00
33) INTERACTIONS BETWEEN MOTHERS AND HANDICAPPED INFANTS FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 NRO1112-05 MSN HS-NUR	(144-AL82)	89,578.00
34) CONTROL OF MEMBRANE ACTIVITY BY NEUROTRAL FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 NS13878-09 MSN HS-PSY PSYCHIATRIC INST		138,073.00
35) STRUCTURAL STUDIES OF ELECTRON TRANSPORT PROTEINS FOR THE PERIOD 08-01-88 THROUGH 01-31-89	(144-AL84)	
36) DYNAMIC MIGRATION MODELS APPLIED TO U.S. LONGITUDINAL DATA FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 HD19473-03 MSN L&S INST-RES ON POV		
37) EXPERIMENTAL CNS MYELINATION IN TWO MYEL MUTANTS FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 NS23124-03 MSN VET M MEDICAL SCIENCES		109,295.00
38) ACTIVATION OF CARCINOGENS BY HUMAN UROTH IN VITRO FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 ESO3509-05 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL		143,300.00

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39)	APOLIPOPROTEIN-B MUTATIONS AND LOW DENSITY LIPOPROTEIN FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 HL37251-02 MSN AG&LSC BIOCHEMISTRY		151,215.00
40)	THE THYLAKOID ENERGY TRANSDUCING ATPASE OF THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 GM31384-06 MSN AG&LSC BIOCHEMISTRY		144,837.00
41)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 5 F32 GM11942-02 MSN AG&LSC BIOCHEMISTRY		20,004.00
42)	HUMAN MONOCYTE MODULATION OF COAGULATION/FIBRINOLYSIS FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 AI20247-06 MSN HS-MED MEDICINE HEMATOLOGY		
43)	INTERGENERATIONAL CONSEQUENCES OF FAMILY DISRUPTION FOR THE PERIOD O8-01-88 THROUGH 04-30-89 AWARD # 2 RO1 HD19375-04 MSN L&S INST-RES ON POV		122,808.00
44)	INTELLIGIBILITY ASSESSMENT IN DYSARTHRIA FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 RO1 NS22458-04 MSN L&S COMMUN DISORDERS		
45)	STEROID RECEPTORS AND ENZYMES IN THE FETAL BRAIN FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 HD18865-03 MSN L&S PRIMATE RES CTR	(144-AM40)	80,463.00
46)	PHYSICIAN SCIENTIST AWARD FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 K11 AIOO840-02 MSN HS-MED MEDICINE INFECT DIS		
47)	X-RAY DIFFRACTION STUDIES ON MYOSIN SUBFIFOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 2 RO1 AR35186-04 MSN GRAD ENZYME INSTITUTE		159,075.00
48)	ACCURATE IN VIVO ULTRASONIC SCATTERING AS FOR THE PERIOD 08-01-88 THROUGH 05-31-89 AWARD # 2 RO1 CA39224-07 MSN HS-MED MEDICAL PHYSICS		120,064.00

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49) EGF RECEPTOR FUNCTION AND CONTROL BY PHOSPHORYLATION FOR THE PERIOD O8-O1-88 THROUGH O7-31-89 AWARD # 1 RO1 CA47881-O1 MSN HS-MED PHYSIOLOG CHEM	(144-AM48)	77,829.00
50) NUCLEAR ARCHITECTURAL CHANGES DURING FERTILIZATION FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 HD22902-03 MSN L&S ZOOLOGY	(144-AM49)	134,623.00
51) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 F32 HL07655-02 MSN VET M CMPARTV BIOSCI'S		30,996.00
52) CREATION AND ANALYSIS OF ARCHIVAL PROTEIN NMR DATABASE FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 RO1 LM04958-01 MSN AG&LSC BIOCHEMISTRY		232,095.00
53) ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF THE LIVER FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 5 RO1 ES01332-14 MSN HS-PHR PHARMACY	(144-AM53)	163,786.00
	(144-AM57)	59,892.00
55) EXPERIMENTAL LIVER PRESERVATION FOR TRANSPLANTATION FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 DK35143-03 MSN HS-MED SURGERY GEN SURG		180,920.00
56) DSA IMAGING OF CORONARY FLOW RESERVE FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 5 RO1 HL37339-02 MSN HS-MED MEDICAL PHYSICS		165,425.00
57) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 07-12-88 THROUGH 07-11-89 AWARD # 1 F32 HD07025-01A1 MSN AG&LSC DAIRY SCIENCE		24,996.00
58) TRNA SPLICING ENDONUCLEASE IN YEAST FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 1 RO1 GM40310-01		

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59)	X-RAY DIFFRACTION STUDIES ON TRNAS FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 5 RO1 GM18455-15 MSN AG&LSC BIOCHEMISTRY		110,707.00
	BIOCHEMISTRY OF SYNAPTIC VESICLES FROM BEFOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 5 RO1 NS24890-03 MSN HS-MED ANATOMY	RAIN	
61)	DEVELOPMENTAL BIOLOGY OF STREPTOMYCES FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 5 RO1 AI13948-11 MSN AG&LSC BACTERIOLOGY		99,365.00
62)	METABOLIC BASIS OF CONJUGATED DIENES TOXI FOR THE PERIOD O8-O1-88 THROUGH O7-31-89 AWARD # 1 R29 GM4O375-O1 MSN VET M CMPARTV BIOSCI'S		92.478.00
63)	RELATIONSHIP OF STRUCTURE TO FUNCTION IN E. COLI TRNA FOR THE PERIOD O8-01-88 THROUGH 07-31-89		
64)	AWARD # 9 RO1 GM42123-16A1 MSN AG&LSC BACTERIOLOGY CONCERNING THE CELLULAR MODE OF ACTION OF		251,842.00
	ALUMINUM FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 5 RO1 ESO4475-02 MSN HS-MED PHYSIOLOGY	(144-AN33)	57,180.00
65)	EYE MOVEMENTS AND VISION FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # 1 RO1 EYO7707-01 MSN GRAD WAISMAN CENTER		
	MOLECULAR ANALYSES OF SEX DETERMINATION IN C. ELEGANS FOR THE PERIOD O8-01-88 THROUGH 04-30-89 AWARD # 1 RO1 HD24663-01 MSN GRAD MOLECULAR BIOL		87 907 00
67)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAF FOR THE PERIOD 07-01-88 THROUGH 08-31-88 AWARD # 7 KO4 AIOO491-05 MSN VET M PATHOBIOLGCL SCI	₹D	
	SPEECH MOVEMENT RESEARCH WITH AN X-RAY MICROBEAM FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 5 P50 NS16373-09		
69)		보이다. 얼청나	1,090,204.00
	FOR THE PERIOD 08-08-88 THROUGH 08-07-89 AWARD # 1 F32 AIO7876-01 MSN AG&LSC VETERINARY SCI	(144-AN63)	20,004.00

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70) ERG - CENTRAL VEIN OCCLUSION STUDY READING CENTER
FOR THE PERIOD 08-01-88 THROUGH 02-28-89
AWARD # 1 UO1 EY07525-01
MSN HS-MED OPHTHALMOLOGY (144-AN

(144-AN69) 101,515.00

71) MEMBRANE FLUIDITY IN THE PATHOGENESIS OF HEPATIC DISEASE FOR THE PERIOD O8-01-88 THROUGH 07-31-89 AWARD # 1 R29 DK38883-01A1 MSN HS-MED MEDICINE GASTROENT

(144-AN80) 103,005.00

72) FUNCTIONS OF NIF ASSOCIATED PROTEINS FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 2 RO1 GM35163-04 MSN AG&LSC BACTERIOLOGY

(144-APO8) 119,106.00

73) HYPOTHALAMIC CONTROL OF GONADOTROPIN SECRETION
FOR THE PERIOD 04-01-87 THROUGH 05-31-89
AT A TOTAL COST OF \$81,666.00
AWARD # 3 RO1 HD15433-0651, MOD. 1
MSN L&S PRIMATE RES CTR (144-Z1

(144-Z190) 10,943.00

74) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD (REDUCED DUE TO EARLY TERMINATION OF FELLOW) FOR THE PERIOD 08-01-87 THROUGH 01-31-88 AT A TOTAL COST OF \$13,998.00 AWARD # 1 F32 AG05427-01, MOD. 1 MSN HS-MED PHYSIOLOGY (144-

(144-Z695) 10,998.00-

75) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
(REDUCED DUE TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 09-01-87 THROUGH 05-31-88
AT A TOTAL COST OF \$15,753.00
AWARD # 1 F32 GM11831-01, MOD. 1
MSN L&S CHEMISTRY (144-Z93

(144-Z936) 4,251.00-

76) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
(REDUCED DUE TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 09-09-87 THROUGH 08-14-88
AT A TOTAL COST OF \$23,530.00
AWARD # 5 F32 HD06808-03, MOD. 1
MSN AG&LSC VETERINARY SCI (144-Z952)

4-Z952) 1.466.00-

29. FRONTIER SCIENCE AND TECHNOLOGY
RESEARCH FOUNDATION, INC.
AMHERST, NY
PRIME CONTRACTOR WITH DHHS PHS NIH
ECOG CODPERATIVE GROUP OUTREACH PROGRAM
OUTREACH ACTIVITIES
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$33,697.00
AWARD # CA39088-04-42-01, MOD. 1
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AB97)

4,423.00

18,998.00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

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FRONTIER SCIENCE AND TECHNOLOGY 30. RESEARCH FOUNDATION, INC. AMHERST. NY PRIME CONTRACTOR WITH DHHS PHS NIH ECOG COOPERATIVE GROUP OUTREACH PROGRAM OPERATIONS OFFICE FOR THE PERIOD 12-01-87 THROUGH 11-30-88 AT A TOTAL COST OF \$131,016.00 AWARD # CA39088-04-42-01, MOD. 1 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AB98)

INDIANA UNIVERSITY BLOOMINGTON, IN PRIME CONTRACTOR WITH DHHS PHS NIH PREDICATE ACQUISITION BY LANGUAGE DISORDERED CHILDREN FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # AGR DTD 08/03/88

MSN GRAD WAISMAN CENTER (144-AL75) 55,827.00

UNIVERSITY OF VIRGINIA CHARLOTTESVILLE, VA PRIME CONTRACTOR WITH DHHS PHS NIH RANDOMIZED STUDY OF NICARDIPINE IN SUBARACHNOID HEMORRHAGE FOR THE PERIOD 08-01-87 THROUGH 03-31-91 AT A TOTAL COST OF \$4,000.00 AWARD # AGR DTD 04/14/88, MOD. 1 MSN HS-MED SURGERY NEUROSURG

(144-AF46) 1,000.00

33. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS PHS NIH MEDICAL/PSYCHOLOGICAL ASPECTS OF DISABILITY COURSE FOR THE PERIOD 07-01-88 THROUGH 08-31-88 AWARD # PO #FEI15303PO

MSN HS-MED ACAD AFFAIRS CME (144-AN36) 15.520.00

THE UNIVERSITY OF CALIFORNIA 34. SAN FRANCISCO, CA PRIME CONTRACTOR WITH DHHS PHS NIH EXPERIMENTAL MASSIVE PERIRETINAL PROLIFERATION FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # SUBCONTRACT #1163SC-08 MSN HS-PHR PHARMACY (144-AL28) 89,087.00

DHHS, PHS, OFFICE OF POPULATION AFFAIRS 35. WASHINGTON, DC COMPUTERIZED CONTRACEPTIVE COUNSELING AID FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # FPR 000054-01-0 MSN HS-PHR PHARMACY (144-AL86) 135.570.00

36. **EBASCO** NEW YORK, NY PRIME CONTRACTOR WITH DOD SUPERCONDUCTIVE MAGNETIC ENERGY STORAGE ENGINEERING TEST MODEL DEVELOPMENT PROGRAM FOR THE PERIOD 12-03-87 THROUGH 06-02-90 AT A TOTAL COST OF \$1,070,400.00 AWARD # 00274, MOD. 2 MSN ENGR ENGR EXPER STA SUPERCONDT (144-AC87) 651,400.00

205,086.00

40,000.00

70,000.00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

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- 37. DOD, AIR FORCE
 VANDENBERG AFB, CA
 GEOSTATIONARY ORBITING ENVIRONMENTAL SATELLITE
 (GOES) EARTH STATION
 FOR THE PERIOD 10-01-87 THROUGH 06-30-88
 AT A TOTAL COST OF \$1,425,506.00
 AWARD # F04703-87-C-0728, MOD. 6
 MSN GRAD SPACE SCI&ENG CT (144-AA31)
- 38. DOD, ARMY
 FT SAM HOUSTON, TX
 RENEWAL OF FIVE YEAR LOAN OF EQUIPMENT
 1-STEREOPLANIGRAPH VALUED AT \$91,400.00
 FOR THE PERIOD 06-01-83 THROUGH 06-01-93
 AWARD # AGR DTD 06-06-88, MOD. 1
 MSN ENGR CIVIL & INV ENGR
- 39. DOD, ARMY
 RESEARCH TRIANGLE PARK, NC
 IN SUPPORT OF THE FOLLOWING:
 - 1) THE DYNAMICS OF MOLECULAR DECOMPOSITION
 FOR THE PERIOD 08-01-88 THROUGH 01-31-89
 AWARD # DAALO3-88-K-0189
 MSN L&S CHEMISTRY (144-AM17)

2) SYSTEMS OF EVOLUTION EQUATIONS IN THERMOCHEMICAL EQUATIONS FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # DAALO3-88-K-0185

MSN L&S CTR MATH SCI (144-AN34) 13,419.00

- 40. DOD, NAVY
 ANNAPOLIS, MD
 BASE LOAD SUPERCONDUCTIVE MAGNETIC ENERGY STORAGE
 FOR THE PERIOD 09-30-87 THROUGH 03-27-90
 AT A TOTAL COST OF \$230,000.00
 AWARD # NOO167-87-K-0095, MOD. 3
 MSN ENGR ENGR EXPER STA SUPERCONDT (144-AA24)
- 41. DOD, NAVY
 WASHINGTON, DC
 VALIDATE ALGORITHMS FOR THE DETERMINATION OF
 RAINFALL RATES FROM SSM/I MICROWAVE SATELLITE
 IMAGERY
 FOR THE PERIOD 10-01-85 THROUGH 09-30-88
 AT A TOTAL COST OF \$360,643.00
 AWARD # NOO014-86-K-2001, MOD. 7
 MSN GRAD SPACE SCI&ENG CT (144-X097) 118,274.00
- 42. ENERGY, DEPT OF ARGONNE, IL IN SUPPORT OF THE FOLLOWING:
 - 1) FUSION PLASMA TRANSPORT THEORY
 FOR THE PERIOD 07-31-88 THROUGH 07-31-89
 AWARD # DE-FG02-85ER53201, MOD. 3
 MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AM64) 31,500.00

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2) FUNDAMENTAL STUDIES OF NEW MAGNETIC
HETEROSTRUCTURES: THEIR GROWTH, CRYSTALLOGRPAHIC
STRUCTURE, MAGNETIC, AND ELECTRONIC PROPERTIES
FOR THE PERIOD 08-01-88 THROUGH 07-31-89
AWARD # DE-FGO2-87ER45319, MOD. 1
MSN L&S PHYSICS (144-AM65

(144-AM65) 110,000.00

3) MORPHOLOGICAL ANALYSIS OF IONOMERS FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # DE-FGO2-88ER45370 MSN ENGR CHEMICAL ENGR

(144-AN39) 105,200.00

4) MECHANISM FOR THE SELECTIVE CONJUGATION OF UBIQUITIN TO PHYTOCHROME FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # DE FGO2-88ER13968 MSN AG&LSC HORTICULTURE (1

(144-AN47) 71,000.00

5) EXPERIMENTAL AND THEORETICAL
HIGH ENERGY PHYSICS
FOR THE PERIOD 04-01-60 THROUGH 12-31-88
AT A TOTAL COST OF \$59,531,876.00
AWARD # DE-ACO2-76EROO881, MOD. 41
MSN L&S PHYSICS

(144-E164) 20,000.00

43. ENERGY, DEPT OF
IDAHO FALLS, ID
A COLLOID-CHEMICAL APPROACH TO THE DESIGN
OF PHOSPHATE ORDERED CERAMIC MEMBRANES
FOR THE PERIOD 01-24-86 THROUGH 01-31-90
AT A TOTAL COST OF \$480,970.00
AWARD # DE-ASO7-86ID12626, MOD. 3
MSN ENGR CIVIL & INV ENGR

(144-X581) 155,970.00

44. SANDIA NATIONAL LABORATORIES
ALBUQUEQUE, NM
PRIME CONTRACTOR WITH DOE
LIGHT ION BEAM CHANNEL ANALYSIS
FOR THE PERIOD O3-28-88 THROUGH O5-31-90
AT A TOTAL COST OF \$136,000.00
AWARD # P.O. #55-6876, MOD. 1
MSN ENGR NUC ENGR&E PHYSC

(144-AG12) 36,000.00

45. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DDE
LIBRA CONCEPTUAL DESIGN STUDY
FOR THE PERIOD 07-21-88 THROUGH 01-20-89
AWARD # 63-9733
MSN ENGR NUC ENGR&E PHYSC (144-AM59)

(144-AM59) 30,000.00

46. LAWRENCE LIVERMORE NATIONAL LABORATORY
LIVERMORE, CA
PRIME CONTRACTOR WITH DOE
INERTIAL CONFINEMENT FUSION REACTOR CAVITY
ANALYSIS
FOR THE PERIOD 07-01-86 THROUGH 06-30-89
AT A TOTAL COST OF \$350,000.00
AWARD # 9265205, MOD. 2
MSN ENGR NUC ENGR&E PHYSC (**

(144-Y132) 130,000.00

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47. WI DEPT OF ADMINISTRATION MADISON. WI PRIME CONTRACTOR WITH DOE INSTITUTIONAL CONSERVATION PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO #ADI 00069 MSN ENGR ENGR PRESNL DVLP (144-AL49) 52,565.00 48. RENEWABLE ENERGY SYSTEMS, INC. PALOS PARK, IL PRIME CONTRACTOR WITH DOE ENVIRONMENTAL RISK ASSESSMENT OF SOLID WASTE DIGESTION AND ENERGY RECOVERY PROCESS FOR THE PERIOD 08-01-88 THROUGH 12-31-88 AWARD # AGR DTD 08/08/88 ENGR PRFSNL DVLP (144-AN45) 30,600.00 MSN ENGR 49. ENVIRONMENTAL PROTECTION AGENCY CHICAGO, IL UNDERGROUND STORAGE TANK TECHNICAL NEWSLETTER FOR THE PERIOD 01-30-87 THROUGH 12-30-88 AT A TOTAL COST OF \$87,480.00 AWARD # L005924-01, MOD. 1 (144-Z091) 40,000.00 MSN ENGR ENGR PRFSNL DVLP 50. ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC GASTRIC CANCER MORTALITY AND NITRATES IN DRINKING WATER IN WISCONSIN FOR THE PERIOD 08-23-88 THROUGH 08-22-89 AWARD # CR815151-01-0 (144-AN79) 35,986.00 MSN HS-MED PREVENTIVE MED 51. NATIONAL AERONAUTICS AND SPACE ADMIN CLEVELAND, OH HIGH POWER CONVERTER TOPOLOGIES FOR SPACE APPLICATION FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AT A TOTAL COST OF \$126,410.00 AWARD # NAG 3-804, MOD. 1 ELEC & COM ENGR ELEC&COMP (144-Z460) 71,290.00 MSN ENGR 52. CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA PRIME CONTRACTOR WITH NASA WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE FOR THE PERIOD 01-01-84 THROUGH 12-31-88 AT A TOTAL COST OF \$274,838.00 AWARD # 65B-580912, MOD. 19 MSN L&S SPACE ASTRON LAB (144-U151) 14,000.00 53. CALIFORNIA INSTITUTE OF TECHNOLOGY JET PROPULSION LABORATORY PASADENA, CA PRIME CONTRACTOR WITH NASA INFRARED ASTRONOMICAL SATELLITE (IRAS) GENERAL INVESTIGATOR PROGRAM FOR THE PERIOD 07-13-87 THROUGH 06-30-89 AT A TOTAL COST OF \$45,500.00 AWARD # NO. 957996, MOD. 2 ASTRONOMY MSN L&S (144-Z752) 16,000.00

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54. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
PSYCHOPHYSICAL EVALUATION OF THREE-DIMENSIONAL
AUDITORY DISPLAYS
FOR THE PERIOD 05-01-88 THROUGH 04-30-91
AWARD # NCC 2-542
MSN GRAD WAISMAN CENTER (144-AM

(144-AM24) 100,009.00

- 55. NASA, GODDARD SPACE FLIGHT CENTER GREENBELT, MD
 IN SUPPORT OF THE FOLLOWING:
 - 1) ULTRAVIOLET STUDIES WITH THE IUE SATELLITE
 FOR THE PERIOD 06-15-81 THROUGH 08-31-89
 AT A TOTAL COST OF \$500,366.00
 AWARD # NAG5-186, MOD. 12
 MSN L&S ASTRONOMY (144-Q873) 90,500.00

2) INVESTIGATION OF SINGLE-PHOTON CALORIMETERS FOR X-RAY SPECTROSCOPY FOR THE PERIOD 08-01-85 THROUGH 09-30-89 AT A TOTAL COST OF \$619,000.00

AWARD # NAG-5-594, MOD. 3
MSN L&S PHYSICS

(144-W890) 50,000.00

3) A STUDY OF THE FUNDAMENTAL CHARACTERISTICS OF INTERSTELLAR MATTER
FOR THE PERIOD O8-15-86 THROUGH O8-31-89
AT A TOTAL COST OF \$36,200.00
AWARD # NAG 5-832
MSN L&S SPACE ASTRON LAB (144-

(144-Y237) 16,000.00

- 56. NASA, HEADQUARTERS
 WASHINGTON, DC
 IN SUPPORT OF THE FOLLOWING:
 - 1) DYNAMICAL INVESTIGATION OF THE MIDDLE
 ATMOSPHERE WITH A 2-D MODEL
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # NAGW-1411
 MSN L&S METEOROLOGY (144-AN94) 61,999.00

2) CLOUD LEVEL CIRCULATION ON VENUS
FOR THE PERIOD 07-01-86 THROUGH 06-30-89
AT A TOTAL COST OF \$118,514.00
AWARD # NAGW-937, MOD. 2
MSN GRAD SPACE SCI&ENG CT (14

(144-Y262) 40,370.00

57. NASA, MARSHALL SPACE FLIGHT CENTER
MARSHALL SPACE FLIGHT CENTER, AL
WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT
FOR THE PERIOD 09-04-81 THROUGH 11-15-88
AT A TOTAL COST OF \$8,521,760.00
AWARD # NAS5-26777, MOD. 37
MSN L&S SPACE ASTRON LAB (144-R418

(144-R418) 620,000.00

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58. NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, DC A HISTORY OF CARTOGRAPHY FOR THE PERIOD 09-01-88 THROUGH 08-31-91 AWARD # RT-20983-88 MSN L&S **GEOGRAPHY** (144-AM47) 137,229.00 59. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC FUEL COOLANT MIXING/ FRAGMENTATION MODELLING AND ANALYSIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # NRC-04-88-151 MSN ENGR NUC ENGR&E PHYSC (144-AN75) 55,330.00 60. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING: 1) PARALLEL VISION ALGORITHMS FOR SHARED-MEMORY AND PIPELINE MULTIPROCESSORS FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # IRI-8802436 COMPUTER SCI (144-AH38) 80,795.00 MSN L&S 2) MOLECULAR ANALYSIS OF A "CADHERIN RELATED MOLECULE" FOR THE PERIOD 07-15-88 THROUGH 12-31-90 AWARD # DCB-8801909 MSN L&S ZOOLOGY (144-AU87) 140,000.00 3) EVALUATING PARALLEL ARCHITECTURES AND ALGORITHMS FOR PERCEPTUAL TASKS FOR THE PERIOD 07-15-88 THROUGH 12-31-90 AWARD # CCR-8720060 COMPUTER SCI (144-AL58) 126,121.00 MSN 1&S 4) HIGH-PERFORMANCE LIM-BASED MATERIAL MOVER (REU SUPPLEMENT) FOR THE PERIOD 06-15-87 THROUGH 11-30-88 AWARD # DMC-8706585 4,000.00 MSN ENGR MECHANICAL ENGR (144-AL85) 5) REGULATION OF PLANT GENE EXPRESSION BY DNA METHYLATION (REU SUPPLEMENT) FOR THE PERIOD 06-15-86 THROUGH 11-30-89 AWARD # DMB-8602500 5,790.00 MSN AG&LSC BIOCHEMISTRY (144-AL87) 6) REU: COOLABORATIVE RESEARCH: CASCADING TROPHIC INTERACTIONS AND THE VARIANCE OF LAKE ECOSYSTEMS PRODUCTIVITY FOR THE PERIOD 01-01-87 THROUGH 06-30-89 AWARD # BSR-8604996 LIMNOLOGY CTR (144-AL88) 2,956.00 MSN L&S

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7)	MATHEMATICAL SCIENCES: INTERACTIVE DISPLEXPLORATION OF LIKELIHOOD SURFACES FOR THE PERIOD 07-15-88 THROUGH 12-31-90 AWARD # DMS-8801996 MSN L&S STATISTICS	AY AND (144-AM22)	42,000.00
8)	ORGANIZATIONAL RESPONSE TO LEGAL CHANGE FOR THE PERIOD 09-01-88 THROUGH 02-28-91 AWARD # SES-8814070 MSN L&S SOCIOLOGY	(144-AM23)	65,175.00
9)	FUNDAMENTAL STUDIES OF POLYMERIZATION PROFOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # CBT-8814549 MSN ENGR CHEMICAL ENGR		95,540.00
10)	NSF EQUIPMENT GRANT FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # EET-8802984 MSN ENGR ELEC & COM ENGR ELEC&COMP		
11)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # DCB-8857124 MSN GRAD MOLECULAR BIOL	(144-AM54)	25,000.00
12)	EQUIPMENT REQUEST: CENTER FOR LIMNOLOGY TROUT LAKE STATION FOR THE PERIOD 09-01-88 THROUGH 02-28-91 AWARD # BSR-8812612 MSN L&S LIMNOLOGY CTR		85.333.00
13)	MATHEMATICAL SCIENCES: SET THEORETIC AND OF TOPOLOGICAL SPACES FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # DMS-8803778 MSN L&S MATHEMATICS	ALYSIS	
14)	MOLECULAR MECHANISM OF PROTEIN IMPORT INT CHLOROPLASTS FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # DCB-8805452 MSN L&S BOTANY		112,500.00
15)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD: NONLINEAR SECURITY AND CONTROL TECHNIQUES FOR POWER SYSTEMS FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # ECS-8857019		
16)	MSN ENGR ELEC & COM ENGR ELEC&COMP EARLY NEOLITHIC SOCIAL AND ECONOMIC ORGANIZATION FOR THE PERIOD 09-01-88 THROUGH 02-28-90		25,000.00
	AWARD # BNS-8805419 MSN L&S ANTHROPOLOGY	(144-AN58)	5,357.00

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17)	STUDIES OF ZEOLITE CATALYSTS FOR CONTROL EMISSIONS: REDOX REACTIONS AND CATION SI FOR THE PERIOD 08-15-88 THROUGH 01-31-90 AWARD # CBT-8810149 MSN ENGR CHEMICAL ENGR		34,309.00
18)	U.SKOREA COOPERATIVE RESEARCH ON EFFECT OF INTERFACIAL STRUCTURE ON FILM CONDENSA AND AEROSOL TRANSPORT IN A NONCONDENSIBLE FOR THE PERIOD 08-01-88 THROUGH 01-31-91 AWARD # INT-8812970 MSN ENGR NUC ENGR&E PHYSC	TION GAS	17,234.00
19)	MICROMECHANICAL COMPONENT PRODUCTION VIA LITHOGRAPHY AND PRECISION METAL PLATING FOR THE PERIOD 08-15-88 THROUGH 01-31-90 AWARD # EET-8815285 MSN ENGR ELEC & COM ENGR ELEC&COMP		200,000.00
20)	DISSERTATION RESEARCH: THERMAL AND HYDRI ON INCUBATION IN SCELOPORUS MERRIAMI EGGS FOR THE PERIOD 08-15-88 THROUGH 01-31-91 AWARD # BSR-8800579 MSN L&S ZOOLOGY		4,000.00
21)	JAPANESE LANGUAGE FELLOWSHIP FOR THE PERIOD 08-15-88 THROUGH 01-31-91 AWARD # INT-8815735 MSN GRAD L&S COMPUT SCI	(144-APO1)	18,100.00
22)	JAPANESE LANGUAGE FELLOWSHIP FOR THE PERIOD 08-15-88 THROUGH 01-31-90 AWARD # INT-8815471 MSN GRAD L&S GEOL&GEOPH	(144-APO3)	8,400.00
23)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-84 THROUGH 12-31-89 AT A TOTAL COST OF \$165,000.00 AWARD # MIP-8351260, MOD. 5 MSN ENGR ELEC & COM ENGR ELEC&COMP	(144-U740)	25,000.00
24)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD "COMPUTER RESEARCH" FOR THE PERIOD 06-01-85 THROUGH 12-31-89 AWARD # DCR-8451405, MOD. 5 MSN L&S COMPUTER SCI	(144-W608)	25,000.00
25)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD "NUTRITIONAL PHYSIOLOGY AND ECOLOGY" FOR THE PERIOD 07-15-85 THROUGH 12-31-89 AT A TOTAL COST OF \$182,763.00 AWARD # BSR-8452089, MOD. 4 MSN AG&LSC N R-WILDLIF ECOL	(144-W894)	41,500.00
26)	ROA: COMPARATIVE STUDIES OF A SUITE OF LAKES IN WISCONSIN FOR THE PERIOD 01-01-86 THROUGH 06-30-89 AT A TOTAL COST OF \$1,318,944.00 AWARD # BSR-8514330, MOD. 5 MSN L&S LIMNOLOGY CTR	(144-X524)	180,000.00

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27)	REGULATION OF PLANT GENE EXPRESSION BY DNA METHYLATION FOR THE PERIOD O6-15-86 THROUGH 11-30-89 AT A TOTAL COST OF \$271,800.00 AWARD # DCB-8602500, MOD. 2 MSN AG&LSC BIOCHEMISTRY	(144-X734)	85,000.00
28)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-15-86 THROUGH 12-31-89 AT A TOTAL COST OF \$154,395.00 AWARD # CCR-8552596, MOD. 4 MSN L&S COMPUTER SCI	(144-X873)	29,395.00
29)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-86 THROUGH 12-31-89 AT A TOTAL COST OF \$181,465.00 AWARD # DCR-8552602, MOD. 3 MSN L&S COMPUTER SCI		56,465.00
30)	CONTROL OF MICROTUBULE ASSEMBLY IN THE MITOTIC APPARATUS FOR THE PERIOD 06-01-87 THROUGH 11-30-89 AT A TOTAL COST OF \$176,335.00 AWARD # DCB-8700295, MOD. 2		
31)	FACTORS MODULATING RESPONSES TO NERVE GRO FACTOR FOR THE PERIOD 08-15-87 THROUGH 01-31-90 AT A TOTAL COST OF \$100,000.00 AWARD # BNS-8616958, MOD. A4 MSN L&S PRIMATE RES CTR		50,000.00
32)	NOISE PROPERTIES AND TIME RESPONSE OF SUPERLATTICE AND CONVENTIONAL AVALANCHE PHOTODIODES FOR THE PERIOD O7-01-87 THROUGH 12-31-89 AT A TOTAL COST OF \$169,200.00 AWARD # EET-8615092, MOD. 1 MSN ENGR ELEC & COM ENGR ELEC&COMP		86,000.00
33)	ARCHITECTURES FOR HIGHER SPEED LIST PROCE FOR THE PERIOD 09-01-87 THROUGH 02-28-89 AT A TOTAL COST OF \$82,962.00 AWARD # CCR-8706722, MOD. 1 MSN L&S COMPUTER SCI	(144-Z921)	64,711.00
61.	RESEARCH BOULDER, CO PRIME CONTRACTOR WITH NSF UNIDATA BROADCAST FOR THE PERIOD 03-01-88 THROUGH 08-31-88 AWARD # ATM 8709659		
	MSN GRAD SPACE SCIŊ CT	(144-AM43)	50,000.00

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62.	UNIVERSITY OF CALIFORNIA LOS ANGELES, CA PRIME CONTRACTOR WITH NSF THE GROWTH OF ICE HYDROMETEORS IN ATMOSPHER	·IC	
	CLOUDS FOR THE PERIOD 09-01-88 THROUGH 12-31-88 AWARD # P.O.# 0965B20143 MSN L&S METEOROLOGY (1	44-AL94)	17,401.00
63.	AND TECHNOLOGICAL COOPERATION MADRID, SPAIN PRIME CONTRACTOR WITH STATE NUCLEAR MAGNETIC RESONANCE STUDIES OF LIVING TISSUE FOR THE PERIOD O6-O1-86 THROUGH O5-31-89 AT A TOTAL COST OF \$58,484.50 AWARD # CCA8510098	44-Y036)	12,545.50
64.	VETERANS ADMIN MADISON, WI SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING FOR THE PERIOD 04-01-87 THROUGH 09-30-88 AT A TOTAL COST OF \$29,211.53 AWARD # 607D75355, MOD. 5 MSN HS-MED RADIOLOGY DIAGNOSTIC (1	(44-Z288)	4,976.07
65.			
	COMMUNICATIVE DISORDERS DEPARTMENT FUND 198 MSN GRAD L&S COM DISORD (1	88-89 135-0003)	347.00
66.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP MSN GRAD AGR & LIFE SCI AGRONOMY (1	135-0004)	36,010.00
67.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	FACULTY START-UP MSN GRAD AGR & LIFE SCI BIOCHEM (1	135-0005)	35,457.00
68.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI VETERINARY SCIENCE DEPARTMENT FUND 1988-89 MSN GRAD AGR & LIFE SCI VET SCI (1	135-0006)	150.00
69.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	REWEY PROGRAM IN BANKING AND FINANCIAL INSTITUTIONS 1988-89 MSN GRAD SCH OF BUSINESS (1	135-0008)	72,500.00
70.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-88 THROUGH 06-30-90 MSN GRAD AGR & LIFE SCI BACT (1	135-0009)	38,217.00

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71.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-88 THROUGH 06-30-90		
		(135-0010)	31,000.00
72.	MADISON, WI		
	CLINICAL NUTRITION PROGRAM 1988-89 MSN GRAD AGR & LIFE SCI NUTRIT SCI	(135-0035)	45,000.00
73.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	DONALD C. SLICHTER PROFESSOR IN ENGINEER: RESEARCH 1988-89	ING	
	MSN GRAD ENGINEERING CHEM ENGR	(135-0041)	25,000.00
74.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	DEPARTMENT OF BIOCHEMISTRY RESEARCH FUND MSN GRAD AGR & LIFE SCI BIOCHEM	1988-89 (135-0044)	91,008.00
75.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON. WI		
	CHEMISTRY DEPARTMENT FUND 1988-89 MSN GRAD L&S CHEMISTRY	(135-0045)	2,530.00
76.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	SCHOOL OF PHARMACY RESEARCH FUND 1988-89 MSN GRAD SCH OF PHARMACY		15,150.00
77.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	DONALD C. SLICHTER PROFESSORSHIP IN BUSIN	NESS	
	RESEARCH 1988-89 MSN GRAD SCH OF BUSINESS	(135-0047)	12,500.00
78.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON. WI		
	DONALD C. SLICHTER PROFESSORSHIP IN BUSIN RESEARCH 1988-89	NESS	
	MSN GRAD SCH OF BUSINESS	(135-0048)	12,500.00
79.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON. WI		
	RALPH JOHNSON RESEARCH CENTER 1988-89	(135-0049)	50,000.00
80.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI		
	DEPARTMENT OF ONCOLOGY FUND 1988-89 MSN GRAD MEDICAL SCHOOL ONCOLOGY	(135-0052)	750.00
81.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON. WI		
	DEPARTMENT OF MEDICINE RESEARCH FUND 1988 MSN GRAD MEDICAL SCHOOL MEDICINE	3-89 (135-0054)	173.00

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82.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF RADIOLOGY RESEARCH FUND 1988-89 MSN GRAD MEDICAL SCHOOL RADIOLOGY (135-0055)	21,519.00
83.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY FUND 1988-89 MSN GRAD MEDICAL SCHOOL PHYS CHEM (135-0056)	750.00
84.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF MEDICAL PHYSICS RESEARCH FUND 1988-89 MSN GRAD MEDICAL SCHOOL MED PHYSCS (135-0057)	25,000.00
85.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI COMPUTER AIDED ENGINEERING FUND 1988-89 MSN GRAD ENGINEERING CMPTR-ENGR (135-0085)	976.00
86.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MECHANICAL ENGINEERING DEPARTMENT FUND 1988-89 MSN GRAD ENGINEERING MECH ENGR (135-0086)	281.00
87.	MADISON, WI BACTERIOLOGY DEPARTMENT FUND 1988-89	60.00
88.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MAUTZ PROFESSIONAL DEVELOPMENT PROGRAM 1988-89 MSN GRAD SCH OF BUSINESS (135-0093)	15,000.00
89.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI PLANT PATHOLOGY DEPARTMENT FUND 1988-89 MSN GRAD AGR & LIFE SCI PLANT PATH (135-0095)	1,873.00
90.	MADISON, WI NAMED PROFESSORSHIPS CONTROL ACCOUNT 1988-89	325,000.00
91.	MADISON, WI ROMNES FACULTY FELLOWCONTROL ACCOUNT 1988-89	265,000.00
92.	DISEASE RESISTANCE BREEDING IN ONIONS	480.00

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93.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORAMSN HS-MED ONCOLOGY	ATORY (133-A250)	601.00
94.	UNITED WAY OF SOUTH WOOD COUNTY, INC. WISCONSIN RAPIDS, WI CANCER RESEARCH MSN HS-MED	(133-A251)	500.00
95.	HEART RESEARCH	(133-A252)	20.00
96.	NAUTILUS RESEARCH CORPORATION MADISON, WI VICK'S RHINORHEOMETER STUDY MSN HS-MED MEDICINE PULMON MED	(133-A371)	4,000.00
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOR	LOPMENT	
	MSN HS-MED MEDICINE	(133-A525)	64,681.54
98.	MIDWEST FOOD PROCESSORS ASSOCIATION INC. MADISON, WI PEA AND SOYBEAN RESEARCH		
	MSN AG&LSC AGRONOMY	(133-A593)	13,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPERCONDT	(133-A797)	75,000.00
100.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI		
	VILAS RESEARCH PROFESSORSHIP IN HISTORY FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S HISTORY	(133-B200)	25,000.00
101.	QUAKER DATS COMPANY CHICAGO, IL		
	DAT BREEDING IN LESSER DEVELOPED COUNTRIL	ES (133-B387)	10,350.00
102.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI		
	VILAS RESEARCH PROFESSORSHIP IN MATHEMAT FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S MATHEMATICS	ICS (133-B390)	25,000.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND	(133-B573)	16,065.00

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104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIVISION OF CARDIO-THORACIC SURGERY RESEARCE DEVELOPMENT FUND MSN HS-MED SURGERY	ARCH AND (133-B575)	12,233.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY NEUROSURG	(133-B580)	8,800.00
106.	PILLSBURY COMPANY MINNEAPOLIS, MN DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND		
	MSN AG&LSC FOOD SCIENCE	(133-B656)	5,000.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IRWIN MAIER CHAIR IN BUSINESS MSN BUS SCH OF BUSINESS	(133-B889)	81,389.88
108.	DOW CHEMICAL COMPANY MIDLAND, MI EFFECT OF NITRIFICATION INHIBITORS, PART	ICULARLY	
	NITRAPYRIN, ON DENITRIFICATION IN SOILS MSN AG&LSC SOIL SCIENCE	(133-B952)	2,000.00
109.	SANITARY ENGINEERING RESEARCH	(133-B990)	185.00
110.	FRIDAY CANNING COMPANY NEW RICHMOND, WI VEGETABLE PROCESSING MSN AG&LSC FOOD SCIENCE	(133-C289)	3,500.00
111.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-C535)	100.00
112.	MULTIPLE DONORS NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC RURAL SOCIOLOGY	(133-C551)	100.00
113.	MULTIPLE DONORS STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	150.00
114.	AK-SAR-BEN OMAHA, NE LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI	(133-C865)	924.00

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115.	PHARMACIA INC. PISCATAWAY, NU GENITO-URINARY CANCER RESEARCH MSN HS-MED SURGERY UROLOGY	(133-C878)	3,000.00
116.	COOK INCORPORATED BLOOMINGTON, IN DEFRAY COST OF PROTOTYPE INSTRUMENT TO CONTINUOUSLY MONITOR BLOOD GLUCOSE IN PA' MSN HS-MED MEDICINE NEPHROLOGY		656.19
117.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ECONOMICS FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S ECONOMICS	S (133-D108)	25,000.00
118.	R. J. REYNOLDS TOBACCO WINSTON-SALEM, NC TOBACCO INVESTIGATIONS		
	MSN AG&LSC HORTICULTURE	(133-D253)	1,920.00
119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKAPOO VALLEY FORESTRY FUND		
		(133-D271)	30,000.00
120.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	7,000.00 FERMENTA PLANT PROTECTION MENTOR, OH 4,500.00 BASE CORPORATION	ON COMPANY	
	PARSIPPANY, NJ 1,000.00 MIDWEST FOOD PROCESSORS MADISON, WI	ASSOCIATION	
			12,500.00
121.	MULTIPLE DONORS WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES RESRCH CTR	(133-D392)	50.00
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	8,000.00
123.	RORER CENTRAL RESEARCH FORT WASHINGTON, PA SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	600.00
124.	MULTIPLE DONORS INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE INFECT DIS	(133-D837)	20.00

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125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERN CONTROL THEORY RESEARCH MSN ENGR CHEMICAL ENGR	(133-D866)	33,000.00
126.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN COMPARATIVE LITERATURE AND GERMAN FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S GERMAN	(133-D867)	25,000.00
127.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS AND STATISTICS FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S STATISTICS	(133-D868)	25,000.00
128.	KENOSHA WATER UTILITY KENOSHA, WI EFFECT OF DIGESTED SEWAGE SLUDGE ON CROPL MSN AG&LSC SOIL SCIENCE	-AND (133-E270)	4,000.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELE ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP		40,000.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GORDON FOX PROFESSORSHIP IN THE DEPARTMENT HISTORY MSN L&S HISTORY	NT OF (133-E380)	48,226.00
131.	DAVID M. TRUBEK MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-E839)	1,400.00
132.	ONION, CARROT AND GARDEN BEET BREEDING MSN AG&LSC HORTICULTURE	(133-E907)	
	960.00 MIDWEST FOOD PROCESSORS MADISON, WI 192.00 MULTIPLE DONORS	ASSOCIATION	INC.
			1,152.00
133.	MULTIPLE DONORS ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE HEMATOLOGY		25.00

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134.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT C MSN HS-MED PEDIATRICS	ARE (133-E936)	5.00
135.	MULTIPLE DONORS ANDREXIA NERVOSA HALFWAY HOUSE FUND MSN HS-MED PEDIATRICS	(133-F198)	55.00
136.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRACTICAL REACTION ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F201)	2,000.00
137.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	FUSION FEASIBILITY STUDIES MSN ENGR ENGR EXPER STA FUSION TEC	(133-F328)	1,000.00
138.	MADISON, WI		
	RESEARCH ON DAIRY PRODUCTS PROCESSING UT	ILIZING	
	THE UW DAIRY PLANT MSN AG&LSC FOOD SCIENCE	(133-F361)	1,500.00
139.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMAT		
	FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S MATHEMATICS		25,000.00
140.	QUAKER DATS COMPANY CHICAGO, IL		
	SMALL GRAIN EQUIPMENT ACCOUNT MSN AG&LSC AGRONOMY	(133-F534)	5,000.00
141.	QUAKER DATS COMPANY CHICAGO. IL		
	SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY	(133-F535)	12,000.00
142.	EASTERN ARTIFICIAL INSEMINATION COOPERAT	IVE	
	ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI	(133-F663)	9,500.00
143.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIAMADISON, WI	TES	
	MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	(133-F729)	1,200.00
144.	MADISON, WI		
	UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN	(133-F778)	1,000.00

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145.	MULTIPLE DONORS ARTHRITIS RESEARCH MSN HS-MED MEDICINE RHEUMATOL	(133-F871)	300.00
146.	THE PILLSBURY COMPANY MINNEAPOLIS, MN RESEARCH IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F937)	4,000.00
147.	FAMILY PRACTICE PROFESSIONAL ASSOCIATE MADISON, WI WAUSAU FAMILY PRACTICE RESIDENCY PROGEMSN HS-MED FAM MED & PRACT CL-WAUSAU	RAM	500.00
148.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI ANATOMICAL RESEARCH MSN HS-MED SURGERY	(133-G101)	500.00
149.	AMERICAN MALTING BARLEY ASSOCIATION, I MILWAUKEE, WI STUDY THE MALTING QUALITIES OF NEW BAR SELECTIONS	INC.	
	MSN AG&LSC AGRONOMY	(133-G592)	95,436.00
150.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	3,267.53
151.	HONEYWELL, INC. MINNEAPOLIS, MN DISTRIBUTED AMPLIFIERS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-G655)	20,000.00
152.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL DEPARTMENTAL OFFICE AND RESEAU EXPENSES MSN HS-MED ANESTHESIOLOGY	RCH (133-G721)	500.00
153.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	
154.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN INFORMATION SCIENCES AND CORESEARCH CONSORTIUM (WISCOM) MSN ENGR ELEC & COM ENGR ELEC&COMP		1 500 00
155.		(133-G986)	

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156. RORER CENTRAL RESEARCH FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY

(133-G990) 1,400.00

157. WEED CONTROL IN AGRONOMIC CROPS
MSN AG&LSC AGRONOMY

(133-H072)

1,000.00 DOW CHEMICAL COMPANY MADISON, WI

3,000.00 MONSANTO AGRICULTURAL PRODUCTS

MILTON, WI

3,000.00 AMERICAN CYANAMID COMPANY

PRINCETON, NJ

1,000.00 AMERICAN CYANAMID COMPANY

PRINCETON, NJ

8,000.00

158. UNIVERSITY OF WISCONSIN FOUNDATION

MADISON, WI

SHAW SCHOLAR FOR THE PERIOD 07-01-84

THRU 06-30-89

MSN GRAD AGR & LIFE SCI BIOCHEM (133-H190) 35,000.00

159. UNIVERSITY OF WISCONSIN FOUNDATION

MADISON, WI

SHAW SCHOLAR FOR THE PERIOD 07-01-84

THRU 06-30-89

MSN GRAD AGR & LIFE SCI VET SCI (133-H191) 35,000.00

160. UNIVERSITY OF WISCONSIN FOUNDATION

MADISON, WI

ADVANCED AUTOMATION AND ROBOTICS RESEARCH

CONSORTIUM

MSN ENGR MECHANICAL ENGR (133-H213) 15,000.00

161. AMERICAN CANCER SOCIETY

WISCONSIN DIVISION, INC.

MADISON, WI

SUMMER CLINICAL ASSISTANTSHIP PROGRAM

MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-H322) 2,638.00

162. MULTIPLE DONORS

DICTIONARY OF AMERICAN REGIONAL ENGLISH MATCHING

MSN L&S ENGLISH (133-H337) 250,000.00

163. AMERICAN MALTING BARLEY ASSOCIATION, INC.

MILWAUKEE, WI

USE OF HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY AND PROTEINS OF KNOWN AMINO ACID SEQUENCES TO STUDY THE SPECIFICATIONS OF BARLEY PROTEIN-HYDROLYZING

ENZYMES

MSN AG&LSC AGRONOMY (133-H367) 25,435.00

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164.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY RESEARCH MSN ENGR ENGR EXPER STA FUSION TEC	(133-H388)	8,000.00
165.	INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA, AUSTRIA U W CYCLOTRON OPERATIONAL FUND MSN HS-MED MEDICAL PHYSICS	(133-H461)	2,399.00
166.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEE MSN ENGR NUC ENGR&E PHYSC	ERING (133-H502)	7,000.00
167.	AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY SAN FRANCISCO, CA ADMINISTRATIVE SUPPORT FOR THE AMERICAN SOF PREVENTIVE ONCOLOGY FOR THE PERIOD O7-THRU 06-30-89 AT AN \$44,362 LEVEL MSN HS-MED HUMAN ONCOLOGY PREV ONCOL	-01-84	5,788.00
168.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLYMERIZATION REACTION ENGINEERING MSN ENGR CHEMICAL ENGR	(133-H740)	36,000.00
169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SURGERY RESEARCH AND DEVELO FUND MSN HS-MED SURGERY		235,594.00
170.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIOTHORACIC SURGERY RESEAR DEVELOPMENT FUND MSN HS-MED SURGERY THORACIC S		39,535.00
171.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY GEN SURG		40,378.00
172.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPE FUND MSN HS-MED SURGERY NEUROSURG		12,355.00
173.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH A DEVELOPMENT FUND	AND	
	MSN HS-MED SURGERY ORTHO SURG	(133-H764)	37,784.00

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174.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIVISION OF OTOLARYNGOLOGY RESEARCH AND DEVELOPMENT FUND		
	MSN HS-MED SURGERY OTOLARYN (13	33-H765) 10,825.00	
175.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND		
	MSN HS-MED SURGERY DENT&P SRG (13	33-H766) 22,263.00	
176.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	THIN FILM DEPOSITION AND APPLICATIONS PROGRAMSN ENGR ENGR EXPER STA MATERLS SC (13		
177.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	OCULAR COMPLICATIONS OF DIABETES RESEARCH MSN HS-MED OPHTHALMOLOGY (13	33-H924) 6 000 00	
178	MULTIPLE DONORS	3,000.00	
	ALS RESEARCH	33-H941) 191.30	
179.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI SHAW SCHOLAR FOR THE PERIOD 07-01-85		
	THRU 06-30-90 MSN GRAD MEDICAL SCHOOL MED MICROB (13	33-J028) 35,000.00	
180.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	SHAW SCHOLAR FOR THE PERIOD 07-01-85 THRU 06-30-90		
	MSN GRAD INST MOL VIR INST MOL V (13	33-J029) 35,000.00	
181.	ANIMAL BEHAVIOR SOCIETY GAINESVILLE, FL		
	DEFRAY EDITORIAL EXPENSES OF THE JOURNAL		
	MSN L&S PSYCHOLOGY (13	33-J100) 7,394.00	
182.	MADISON, WI		
	FATIGUE RESEARCH MSN ENGR ENGR MECHANICS (13	33-J102) 4,000.00	
183.	FOUNDATION FOR AGRONOMIC RESEARCH		
	ATLANTA, GA SOIL COMPACTION AND PLANT NUTRIENT INTERACT: MSN AG&LSC SOIL SCIENCE (13)	ION 33-J150) 4,000.00	
184.	PEW SCHOLARS PROGRAM IN THE BIOMEDICAL SCIENCE NEW HAVEN, CT	NCES	
	PEW SCHOLARS PROGRAM AWARD FOR THE PERIOD 07-01-85 THRU 06-30-89		
	MSN GRAD MEDICAL SCHOOL MED MICROB (15	33-J275) 50,000.00	

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185.	UNIVERSITY OF ALBERTA EDMONTON, ALBERTA CANADA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-J303)	1,231.65
186.	WISCONSIN TURFGRASS ASSOCIATION BROOKFIELD, WI TURFGRASS RESEARCH MSN AG&LSC SOIL SCIENCE	(133-J306)	2,575.00
187.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SENSOR AND INSPECTION TECHNOLOGY FUND MSN ENGR MECHANICAL ENGR	(133-J389)	1,500.00
188.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MAT FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTI AWARD MSN ENGR CHEMICAL ENGR	GATORS	7,000,00
189.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ELEC & COM ENGR ELEC&COMP		
190.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN FLUOXETINE DOSE ESCALATION IN MDD MSN HS-PSY PSYCHIATRIC INST	(133-J878)	16,220.00
191.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GEOGRAPH FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S GEOGRAPHY	IY (133-J900)	25,000.00
192.	WISCONSIN POTATO INDUSTRY BOARD MADISON, WI POTATO RESEARCH FOR THE PERIOD 05-01-86 THRU 04-30-89 MSN AG&LSC RESEARCH DIV	(133-J908)	72,000.00
193.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	1,251.79
194.	MULTIPLE DONORS ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	420.00
195.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADMINISTRATIVE MEDICINE PROGRAM FUND MSN HS-MED PREVENTIVE MED	(133-J995)	425.00

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196.	MAZOMANIE, WI DOWNTOWN REVITALIZATION PROJECT	(133-K002)	500.00
197.	STUART PHARMACEUTICALS WILMINGTON, DE CLINICAL TRIALS: ZOLADEX VS ORCHIECTOMY ZOLADEX VS DES	AND	
	MSN HS-MED HUMAN ONCOLOGY	(133-K049)	5,560.00
198.	CLINICAL PROTOCOL ASSOCIATES, INC. FORT LEE, NJ EVALUATION OF SAFETY AND EFFICACY OF PY1 COMPARED WITH PROPRANOLOL IN TREATMENT O ANGINA PECTORIS	F	
	MSN HS-MED MEDICINE CARDIOLOGY	(133-K060)	10,347.00
199.	MADISON, WI NUCLEAR REACTOR SAFETY	(133-K166)	6,250.00
200	MULTIPLE DONORS		
200.	ANALYSIS OF MINERAL NUTRIENTS FROM CURED	MEATS (133-K190)	418.00
201.			
	MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	2,195.52
202.	SANDOZ PHARMACEUTICALS EAST HANOVER, NJ SANDOGLOBULIN 4-3 "SANDOGLOBULIN PROPHYL INTERSTITIAL PNEUMONITIS AFTER BONE MARR		
	TRANCRIANT		
		(133-K272)	16,200.00
203.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAYMOND T. JACKSON MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-K311)	3,550.00
204.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DIABETIC RETINAL RESEARCH FUND MSN HS-MED OPHTHALMOLOGY	(133-K318)	80.00
205.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI		
	SHAW SCHOLAR FOR THE PERIOD 07-01-86 THRU 06-30-91		
	MSN GRAD AGR & LIFE SCI BIOCHEM	(133-K319)	35,000.00

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	[11] [기업] 캠프 그리아를 하면 왔다고 즐겁는 그리일까 [일리는 모든		
206.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR FOR THE PERIOD 07-01-86 THRU 06-30-91 MSN GRAD VETERINARY MED PATHOBIOL	(133-K320)	35,000.00
207.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFI AND SAFETY OF AZELASTINE, CONTROLLED RELI THEOPHYLLINE AND COMBINED AZELASTINE-THEO THERAPY IN THE MANAGEMENT OF PATIENTS WINONSTERIOD DEPENDENT BRONCHIAL ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM	EASE DPHYLLINE TH	4,875.00
208.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KINETIC THEORY AND BROWNIAN DISPERSION OF POLYMER LIQUIDS MSN ENGR CHEMICAL ENGR	F (133-K446)	7,500.00
209.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI SNAP BEAN RESEARCH MSN AG&LSC HORTICULTURE	(133-K490)	5,184.00
210.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WELDING RESEARCH MSN ENGR MET & MIN ENGR	(133-K556)	1,200.00
211.	JOHNSON CONTROLS, INC. MILWAUKEE, WI ACOUSTIC DIAGNOSTICS OF EQUIPMENT AND COR ROOMS AWARD # P.O. # M22308 MSN ENGR ELEC & COM ENGR ELEC&COMP		61,600.00
212.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI CORN BREEDING RESEARCH FOR RUST AND OTHE DISEASE RESISTANCE MSN AG&LSC AGRONOMY	R (133-K655)	9,987.00
213.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI RESEARCH FOR NITROGEN FERTILITY MANAGEMENT IN SNAP BEANS MSN AG&LSC HORTICULTURE	NT (133-K667)	6,720.00
214.	COMITE CONJUNTO HISPAND-NORTEAMERICAND PASA LA COOPERACION CULTURAL Y EDUCATIVA MADRID, SPAIN TACTILE VISION SUBSTITUTION FOR CONGENITABLIND FOR THE PERIOD 06-01-86 THRU 05-31 AT A TOTAL LEVEL OF \$65,101.00 MSN HS-MED REHABIL MEDICINE		7,672.00

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215.	AMERICAN MALTING BARLEY ASSOCIATION, INC MILWAUKEE, WI CHARACTERIZATION OF BARLEY CULTIVARS WIT ELEVATED AND REDUCED AMYLOLYTIC ACTIVITI FOR THE PERIOD 07-01-86 THRU 06-30-88	H ES	16,657.00
	MSN AG&LSC AGRONOMY	(133-K/3/)	16,657.00
216.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RES		04 000 00
	MSN ENGR CHEMICAL ENGR	(133-K849)	21,000.00
217.	MULTIPLE DONORS WORK-STUDY SUPPORT IN JOINT PROJECT RESE INVOLVING LIZARD BIDENERGETICS MSN L&S ZOOLOGY		500.00
	M3N 2002001	(100 K3/5)	300.00
218.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP IN SURFACE SCIENCE		
	AND TECHNOLOGY 1987-1989 MSN ENGR MET & MIN ENGR	(133-K993)	10,000.00
219.	MULTIPLE DONORS HYPERTENSION RESEARCH MSN HS-PHR PHARMACY	(133-L085)	350.00
220.	DOW CHEMICAL COMPANY MIDLAND, MI BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	15,000.00
004	HITCONICINI MILIK MADKETING BOARD ING		
221.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI EXTRACTION OF CHOLESTEROL FROM MILKFAT F THE PERIOD 11-01-86 THRU 10-31-88 AT A	OR	
	\$256,052 LEVEL		
	AWARD # WMMB #III-11 MSN AG&LSC FOOD SCIENCE	(133-L157)	123,344.00
222.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY EFFICACY AND SAFETY OF BISOPROLOL IN THE		
	TREATMENT OF ESSENTIAL HYPERTENSION AWARD # 4960 MSN HS-MED MEDICINE GEN INT MD	(133-1237)	13 643 70
223.			
	STUART ALDOSE REDUCTASE INHIBITOR TRIAL: NEUROPATHY, CATARACT, MACULAR EDEMA AND RETINOPATHY		
	MSN HS-MED OPHTHALMOLOGY	(133-L251)	12,900.00
224.	GERMICOPA FRANCE		
	POTATO BREEDING RESEARCH MSN AG&LSC HORTICULTURE	(133-L279)	4,800.00

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225.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINANT SLUDGE ON WILDLIFE FOR THE PERIOD 02-09-87 THRU 06 AT A \$30,696 LEVEL AWARD # NRG91538,NRH96556NRI91030 MSN AG&LSC N R-WILDLIF ECOL	-30-89 (133-L380)	12,148.00
226.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PR (EPIP) MSN ENGR ENGR MECHANICS	DGRAM (133-L386)	8 000 00
227.	MILES PHARMACEUTICALS WEST HAVEN, CT EFFICACY AND SAFETY OF NISOLDIPINE (BAY 12.5 MG BID, 5.0 MG BID, 10.0 MG BID, AND IN THE TREATMENT OF STABLE ANGINA PECTOR AWARD # D85-015-26 MSN HS-MED MEDICINE CARDIOLOGY	K5552) Placebo Is	
228.	HARVARD UNIVERSITY CAMBRIDGE, MA RESILENCE IN AGING FOR THE PERIOD 01-01- THRU 05-31-89 AT A \$109,350 LEVEL AWARD # SCI-0015 MSN GRAD INST-AGING&ADULT		34,030.00
229.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY MSN AG&LSC BIOCHEMISTRY	(133-L488)	525.00
230.	SEARLE (G.D.) AND COMPANY SKOKIE, IL PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-L497)	27,296.00
231.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND-DEPARTME SUPPLIES AND EXPENSE MSN HS-MED		600,000.00
232.	LUNAR RADIATION CORPORATION MADISON, WI 1-ALPHAHYDROXY VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-L597)	1,731.87
233.	CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA IMMUNOGENICITY AND SAFETY OF A TRIVALENT INFLUENZA-DIPHTHERIA TOXOID CONJUGATE VA IN ELDERLY OUTPATIENTS MSN HS-MED MEDICINE HEMATOLOGY	CCINE	99,884.00

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234.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN SOCIOLOG FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S SOCIOLOGY	GY (133-L770)	25,000.00
235.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR FOR THE PERIOD 07-01-87 THRU 06-30-92		
	MSN GRAD MEDICAL SCHOOL ONCOLOGY	(133-L787)	35,000.00
236.	MADISON, WI SHAW SCHOLAR FOR THE PERIOD 07-01-87 THRU 06-30-92		
	MSN GRAD MEDICAL SCHOOL PHYS CHEM	(133-L788)	35,000.00
237.	INDIANA UNIVERSITY BLOOMINGTON, IN MUCIA-MALYSIA PROJECT FOR THE PERIOD O8- TRHU 07-31-89	·O1-87	
		(133-L793)	68,233.00
238.	MADISON GENERAL MEDICAL SURGICAL FOUNDAT MADISON, WI EFFECT OF STAFF EDUCATION IN ASSESSMENT		
	BEHAVIOR AND DEVELOPMENT ON OUTCOME OF L BIRTHWEIGHT PRETERM INFANTS MSN HS-NUR	.OW (133-L805)	17,745.00
239.	CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	
	3,200.00 SUNSEEDS HOLLISTER, CA 2,500.00 ASGROW SEED COMPANY KALAMAZOO, MI		
			5,700.00
240.	ENI CHEM AMERICAS PRINCETON, NU NITROGEN FERTILIZER RESEARCH		
		(133-L809)	3,500.00
241.	MINNESOTA MINING AND MANUFACTURING COMPAST. PAUL, MN 3M NONTENURED FACULTY GRANT	MY	
	MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L842)	15,000.00
242.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 05-30-88		
	AWARD # 87-1 LUND MSN ENGR CIVIL & INV ENGR	(133-L857)	2,200.00

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243.	MADISON, WI NATURAL HISTORY COUNCIL AWARD	(133-L872)	2,066.00
244.	PEW SCHOLARS PROGRAM IN THE BIOMEDICAL SONEW HAVEN, CT PEW SCHOLARS PROGRAM AWARD FOR THE PERIOD 07-01-87 THRU 06-30-91 MSN GRAD MEDICAL SCHOOL NEUROPHYS)	50,000.00
245.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESE STUDY COMPARING THE EFFICACY AND SAFETY OF 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVE DAILY IN PATIENTS WITH STABLE ANGINA PECTO CORONARY HEART DISEASE (P 57 P 5 T 10 MSN HS-MED MEDICINE CARDIOLOGY	OF 2.5 MG, VEN ONCE FORIS DUE	13,904.80
246.	WISCONSIN INNOVARIUM, LTD MILWAUKEE, WI WISCONSIN INNOVARIUM, LTD. SUPPORT OF RES AND GRADUATE ASSISTANTS IN THE FIELD OF METALLY PHYSICS	SEARCH	
247.	MULTIPLE DONORS PLANT BREEDING MSN AG&LSC HORTICULTURE	(133-L903)	480.00
248.	BELOIT MEMORIAL HOSPITAL BELOIT, WI SALARY SUPPORT FOR A CLINICAL ASSISTANT FIN CARDIOLOGY MSN HS-MED MEDICINE CARDIOLOGY		3,687.00
249.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO EX VIVO HYPERTHERMIA AND LIDOCAINE AS AN TO AUTOLOGOUS BONE MARROW TRANSPLANTATION CANINE LYMPHOSARCOMA FOR THE PERIOD 09-0 THRU 08-31-89 AT A \$12,350 LEVEL MSN VET M MEDICAL SCIENCES	N IN	6,175.00
250.	ADRIA LABORATORIES COLUMBUS, OH TOREMIFENE: PHASE 1 TOLERANCE, PHARMACOI PHARMACOKINETICS AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL		25,966.17
251.	PIONEER OVERSEAS CORPORATION JOHNSTON, IA DISEASE RESISTANCE IN SWEET CORN MSN AG&LSC AGRONOMY	(133-MO31)	13,937.00

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252.	EASTMAN KODAK COMPANY ROCHESTER, NY PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-MO59)	10,000.00
253.	LEXINGTON, KY IS EQUINE LARYNGEAL HEMIPLEGIA A CONGENI INHERITED CONDITON? FOR THE PERIOD 09-01 THRU 08-31-89	-87	
	MSN VET M MEDICAL SCIENCES	(133-M113)	29,142.00
254.	MENNEN COMPANY MORRISTOWN, NJ AXILLARY MALODOR: CHEMICAL BASIS AND MOL BIOLOGY OF ADHERENCE OF AXILLARY BACTERI EPITHELIAL CELL SURFACES MSN HS-MED MED MICROBIOLOGY	A TO	13.900.00
255	GRAYSON FOUNDATION		
	JACKSON, MS TRANSMISSION AND CLINICAL SIGNS OF BORRE BURGDORFERI INFECTION IN HORSES FOR THE PERIOD 09-01-87 THRU 08-31-91	(133-M140)	14,510.00
256.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY	(133-M167)	2 000 00
257.	XOMA CORPORATION BERKELEY, CA THERAPY OF METASTATIC MELANOMA WITH XMMM AWARD # 81112-P1/2-CY2 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	1E-001-RTA	
050	POWER & ENERGY INTERNATIONAL. INC.	(100 #1105)	4,250.00
238.	BELOIT, WI STUDY IN TRIBOLOGY AND VIRATION	(133-M177)	2,000.00
259.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ENGLISH FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S ENGLISH	(133-M2O5)	25.000.00
260.			
	WITH OSTEOARTHRITIS MSN HS-MED MEDICINE RHEUMATOL	(133-M288)	205.00

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261.	ALUMINUM COMPANY OF AMERICA RIVERDALE, IA MODELLING AND DYNAMIC ANALYSIS OF AN ALU ROLLING MILL PROCESS WITH AN AC CYCLOCON DIRECT DRIVE FOR THE PERIOD 09-01-87 THR 08-31-88 AWARD # DA 854669 TS MSN ENGR MECHANICAL ENGR	VERTER U	4,500.00
262.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	2,132.80
263.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM ENOXIMORE TREATMENT OF PATIENT MILD TO MODERATELY SEVERE HEART FAILURE THEIR PARTICIPATION IN CONTROLLED SHORT STUDIES MSN HS-MED MEDICINE CARDIOLOGY	FOLLOWING TERM	5,000.00
264.	NAUTILUS RESEARCH CORPORATION MADISON, WI A RANDOMIZED DOUBLE-BLIND STUDY TO DETER EFFECTIVENESS OF CARBETAPENTANE CITRATE TO PLACEBO IN CHRONIC BRONCHITICS WITH C COUGH MSN HS-MED MEDICINE PULMON MED	COMPARED HRONIC	8,000.00
265.		E-RANGING S F	
266.	CIBA-GEIGY CORPORATION SUMMIT, NJ A DOUBLE-BLIND, COMPARATIVE STUDY OF PRI (1500 MG/D) VS. NAPROXEN (1500MG/D) VS. IN PATIENTS WITH RHEUMATOID ARTHRITIS MSN HS-MED MEDICINE RHEUMATOL	PLACEBO	5,444.00
267.	MADISON, WI BIOMAGNETISM RESEARCH FUND	(133-M8O9)	1,000.00
268.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR AGING RESEARCH		
	MSN HS-MED MEDICINE HEMATOLOGY	(133-M811)	4,000.00

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269.	PARKE-DAVIS ANN ARBOR, MI A MULTICENTER, DOUBLE-BLIND, PLACEBO-CONT TWO-WEEK, CROSSOVER STUDY OF THE EFFICACY SAFETY OF PROCATEROL IN OUTPATIENTS WITH REVERSIBLE BRONCHIAL AIRWAY OBSTRUCTION MSN HS-MED MEDICINE ALLRGY&IMM	Y AND	15,375.00
270.	ROSS LABORATORIES COLUMBUS, OH "THE USE OF GUT ELECTROPHYSIOLOGY TO VERI THE PLACEMENT OF NASOENTERIC FEEDING TUBE AWARD # BCO1 MSN HS-MED MEDICINE GASTROENT	ES."	3,105.00
271.	HUGHES (HOWARD) MEDICAL INSTITUTE NATIONAL RESEARCH COUNCIL BETHESDA, MD DOCTORAL FELLOWSHIPS IN BIOLOGICAL SCIENCE FOR THE PERIOD 06-01-88 THRU 08-31-89		
272.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NURSING EDUCATION FUND MSN HS-MED MEDICINE PULMON MED	(133-M9O3)	1,500.00
273.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CRITICAL CARE EDUCATION FUND MSN HS-MED MEDICINE PULMON MED	(133-M9O4)	3,000.00
274.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI COOPERATIVE CHILDREN'S BOOK CENTER FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # PAI 00315 MSN EDUC INSTR MATER CTR C C B C	(133-M916)	35,500.00
275.	BIOMET, INC. WARSAW, IN EVALUATION OF WISCONSIN FEMORAL COMPONENT FOR TOTAL HIP ARTHROPLASTY MSN HS-MED SURGERY ORTHO SURG		1,080.00
276.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTR DOSE-RANGING STUDY OF THE EFFICACY AND SA TWICE-DAILY INTRANASAL ADMINISTRATION OF FLUTICASONE PROPIONATE IN ADULT PATIENTS SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM	AFETY OF AQUEOUS WITH	48,000.00
277.	NATIONAL DAIRY PROMOTION AND RESEARCH BOA ARLINGTON, VA CENTER FOR DAIRY RESEARCH FOR THE PERIOD O1-O1-88 THRU 12-31-88 MSN AG&LSC DAIRY RESEARCH,C	ARD (133-M966)	250,000.00

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278.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC (133-M968)	4,000.00-
279.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI EMPLOYEE INTERHCANGE AGREEMENT FOR THE PERIOD 06-01-88 THRU 04-14-89 MSN EDUC WIS VOC STU CTR W VOC ST C (133-N011)	22,890.00
280.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER, AND WILDLIFE RESEARCH PROJECTS - FOREST ENTOMOLOGY FOR THE PERIOD 07-01-88 THUR 06-30-89 AWARD # NRI 91156 MSN AG&LSC ENTOMOLOGY (133-NO21)	18,498.00
281.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER, AND WILDLIFE RESEARCH PROJECTS - FOREST MANAGEMENT FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # NRI 91156 MSN AG&LSC N RSRCS-FORESTRY (133-N022)	35,096.00
282.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER, AND WILDLIFE RESEARCH PROJECTS - FOREST SOILS FOR THE PERIOD O7-01-88 THRU 06-30-89 AWARD # NRI 91156 MSN AG&LSC SOIL SCIENCE (133-N023)	
283.	SCIENCE APPLICATIONS INTERNATIONAL CORP. SAN DIEGO, CA COLLABORATION OF LSU PROPOSAL PREPARATION FOR THE PERIOD 02-01-88 THRU 03-20-88 AWARD # 13-890018 43, (01) MSN GRAD SYNCHR RAD CTR SRC CTL AC (133-N028)	34,500.00
284.	CANCER RESEARCH FOUNDATION OF AMERICA ALEXANDRIA, VA BREAST CANCER AND EARLY DETECTION: AN EDUCATION PROJECT FOR WOMEN MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (133-NO43)	11,621.00
285.	CANCER RESEARCH FOUNDATION OF AMERICA ALEXANDRIA, VA THE EFFECT OF TAMOXIFEN (NOLVADEX) ON THE UTERINE ENDOMETRIUM IN POSTMENOPAUSAL WOMEN WITH BREAST CANCER: THE WISCONSIN TAMOSIFEN STUDY 11 MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (133-NO45)	25,000.00

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286.	FORGENE, INC. RHINELANDER, WI DEVELOPMENT OF CLONAL PROPAGATION TECHNOL FOR PRODUCTION OF GENTICALLY ELITE WHITE HYBRIDS FOR THE PERIOD O7-01-88 THRU 03-3 MSN AG&LSC HORTICULTURE	SPRUCE	27,326.00
287.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER, AND WI RESEARCH PROJECTS - FOREST MANAGEMENT FOR PERIOD 07-01-88 THRU 06-30-89 AWARD # NRI 91156 MSN AG&LSC N RSRCS-FORESTRY	R THE	44,722.00
288.	ROGER TORY INSTITUTE OF NATURAL HISTORY JAMES TOWN, NY BEHAVIOR & ECOLOGY OF FORMICA MONTANA, A PRAIRIE ANT MSN AG&LSC ENTOMOLOGY		500.00
289.	INTERNATIONAL BUSINESS MACHINES CORPORATE ENDICOTT, NY FEASIBILITY STUDY FOR PLASMA PROCESSING STOURIER TRANSFORM MASS SPECTROSCOPY ENVIR FOR THE PERIOD 06-28-88 THRU 04-30-89 MSN ENGR ELEC & COM ENGR ELEC&COMP	IN A RONMENT	28,750.00
290.	JEWISH FAMILY & CHILDREN'S SERVICE BOSTON, MA FAMILY CENTERED COMMUNITY CARE FOR THE EL PART TWO FOR THE PERIOD 09-01-88 THRU 08- MSN GRAD WAISMAN CENTER		33,060.00
291.	CHICAGO, IL EDUCATIONAL DECENTRALIZATION: THE STATE (ART FOR THE PERIOD 09-01-88 THRU 08-31-89		40,000.00
292.	OAK BROOK, IL COLIPHAGES FOR INDENTIFICATION OF E. COLI 0157:H7	(133-N134)	30,000.00
293.	MC DONALD'S CORPORTATION OAK BROOK, IL IDENTIFICATION OF CANCER INHIBITOR (S) IN GRILLED BEEF MSN AG&LSC FOOD MICRO&TOXIC	N (133-N135)	30,000.00
294.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY AUDREY MEYER MARS INTERNATIONAL FELLOWSHIP IN CLINICAL ONCO FOR THE PERIOD 12-01-88 THRU 11-30-89 AWARD # AMM-19		
	MSN HS-MED HUMAN ONCOLOGY	(133-N140)	32,331.23

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295.	AID ASSOCIATION FOR LUTHERANS APPLETON, WI INTERACTIVE VIDEO FAMILY COMMUNICATIONS MSN FR&CS FAM RSRC&CNSM SC ADMIN	PROJECT (133-N141)	10,264.00
296.	AMERICAN DIABETES ASSOCIATION ALEXANDRIA, VA GLUCOSE STIMULATED GENES IN CULTURED PAN ISLETS FOR THE PERIOD 07-01-88 THRU 06-3 MSN HS-MED PEDIATRICS		35,000.00
297.	WISC DEPT OF NATURAL RESOURCES MADISON, WI VISUAL SIMULATIONS OF ALTERNATIVE FUTURE THE PROPOSED LOWER WISCONSIN STATE RIVER FOR THE PERIOD O6-06-88 THRU 03-31-90 MSN AG&LSC NR-LANDSCAP ARCH		12,000.00
298.	WINROCK INTERNATIONAL MORRILTON, AK CHINESE FELLOWS TRAINING PROGRAM MSN AG&LSC LAND TENURE CTR	(133-N145)	6,000.00
299.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY CHARACTERIZATION OF EPIDERMAL GROWTH FAG GROWTH HORMONE RECEPTORS FOR THE PERIOD THRU 08-31-89 AWARD # 5-605 MSN HS-MED PHYSIOLOG CHEM	CTOR AND 09-01-88 (133-N148)	30,000.00
300.	FORD FOUNDATION NEW YORK, NY THE VIABILITY OF AGRICULTURAL PRODUCTION COOPERTIVES IN NICARAGUA FOR THE PERIOD O7-O1-88 THRU 12-31-89 AWARD # 880-0793 MSN AG&LSC AG ECONOMICS		85,500.00
301.	AMERICAN SOCIETY OF NEURORADIOLOGY OAK BROOK, IL BERLEX BASIC SCIENCE FELLOWSHIP AWARD MSN HS-MED RADIOLOGY DIAGNOSTIC	(133-N151)	32,500.00
302.	PITTSBURGH, PA LAND PARCELIZATION AND RURAL FAMILIES OF PERUVIAN COAST FOR THE PERIOD 01-28-88		22,320.00
303.	MULTIPLE DONORS LARGE ANIMAL AND SMALL ANIMAL SKIN DISE MSN VET M MEDICAL SCIENCES	ASES (133-N155)	250.00

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304.	AMERICAN ACADEMY OF ALLERGY & IMMUNDLOGY MILWAUKEE, WI AMERICAN ACADEMY OF ALLERGY & IMMUNDLOGY		
	SUMMER FELLOWSHIP GRANT		
	MSN HS-MED MEDICINE ALLRGY&IMM	(133-N156)	1,500.00
305.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM MDL 17043 TREATMENT OF CONGEST:	TVE	
	HEART FAILURE PATIENTS FOLLOWING THEIR		
	PARTICIPATION IN CONTROL STUDIES MSN HS-MED MEDICINE CARDIOLOGY	(133-N157)	54,697.00
306.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY		
	POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 12-31-88		
	MSN GRAD ENZYME INSTITUTE	(133-N158)	9,500.00
307.	ASSOCIATION FOR BRAIN TUMOR RESEARCH CHICAGO, IL		
	BRAIN MICROVASCULAR EFFECTS ON CYTOLYSIS CENTRAL NERVOUS SYSTEM TUMORS	OF	
		(133-N159)	20,000.00
308.	WARREN, MI		
	IMPROVEMENT OF SAND TECHNOLOGY IN THE LOS	ST FOAM	
	MSN ENGR CIVIL & INV ENGR	(133-N160)	30,560.00
309.	WISC DEPT OF NATURAL RESOURCES		
	MADISON, WI SUPPORT OF WATER RESOURCES CENTER REFEREN FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # NRI 91349	NCE ROOM	
	MSN GRAD WATER RESOURCES WATER RESO	(133-N161)	3,750.00
310.	SLOAN (ALFRED P) FOUNDATION NEW YORK, NY		
	ALFRED P. SLOAN DOCTORAL DISSERTATION FE FOR THE PERIOD 07-01-88 THRU 08-31-89	LLOWSHIP	
		(133-N162)	12,468.00
311.	U.S. WINDPOWER, INC.		
	LIVERMORE, CA ELECTRIC MACHINES AND POWER ELECTRONICS		10 001 75
	MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-N163)	10,294.75
312.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI		
	THE GENUS MAGNOLIA IN MEXICO & GUATEMALA		
	MSN L&S BOTANY	(133-N175)	950.00
313.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	NUTRIENT QUALITY OF BIRD-DISSEMINATED FR		
	A COSTA RICAN CLOUD FOREST: ARE LOW-QUA FRUITS VISUAL MIMICS OF HIGH-QUALITY FRU		
	MSN L&S BOTANY	(133-N176)	1,000.00

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RES	EARCH		
314.	NIOBIUM PRODUCTS COMPANY INC. PITTSBURGH, PA NIOBIUM IN WHITE CAST IRON MSN ENGR MET & MIN ENGR	(133-N177)	20,000.00
315.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLENN B HAWKINS AND CLEONE ORR HAWKINS C POLITICAL SCIENCE MSN L&S POLITICAL SCI	HAIR OF (133-N178)	70,800.00
316.	AMERICAN PARKINSON DISEASE ASSOCIATION NEW YORK, NY RESPONSE OF CHOLINGERIC FUNCTION IN THE NEOSTRIATUM TO CHEMICAL LESIONING OF THE NIGROSTRIATAL PROJECTION MSN HS-PHR PHARMACY	(133-N179)	20,000.00
317.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - SALARY SUPPORT FOR A VISITING PROFESSOR FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S STATISTICS	(133-N180)	37,170.00
318.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - DATA ANALYSIS COSTS IN ENGLAND FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S PSYCHOLOGY	(133-N181)	3,000.00
319.	ILLINOIS DEPARTMENT OF MENTAL HEALTH & DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL ST. COLETTA-RESIDENTIAL FACILITIES MONIT SERVICES CONTRACT FOR THE PERIOD 07-01-8 THRU 06-30-89 MSN L&S SOCIAL WORK		2,000.00
320.	EAU CLAIRE COUNTY EAU CLAIRE, WI EFFECTS OF VOLATILE ORGANIC COMPOUNDS ON LANDFILL LINER PERFORMANCE FOR THE PERIO 06-30-88 THRU 03-31-89 MSN ENGR CIVIL & INV ENGR		50,000.00
321.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN EDUCATIONAL POLICY STUDIES FOR THE PERIOD 07-08-88 THRU 06-30-89 MSN EDUC EDUC POLICY STU	(133-N193)	25,000.00
322.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-13-88 THRU 02-26-88 AWARD # 88-11 CAPELLI MSN ENGR CIVIL & INV ENGR	(133-N195)	2,200.00

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

323.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC IONIC INTERACTIONS IN MONOLAYERS		
	FOR THE PERIOD 09-01-88 THRU 08-31-90		
	AWARD # ACS-PRF 20593-AC7-C		
	MSN HS-PHR PHARMACY	(133-N196)	40,000.00
324.	MADISON, WI		
	IMPLEMENTING A HEALTH INFORMATION AND DECISION-MAKING NETWORK (CHESS) ON THE UNIVERSITY OF WISCONSIN-MADISON CAMPUS.	EALL 4000	
	MSN ENGR ENGR EXPER STA HLTH SYS'S		2,500.00
325.	WISCONSIN ARTS BOARD		
	MADISON, WI		
	WISCONSIN ARTS BOARD INTERNSHIP MSN L&S JOURN & MASS COM	(133-N198)	2,492.00
	SOURCE CONTRACTOR OF THE STATE	(100 11150)	2,732.00
326.			
	MADISON, WI XENIA Z. GASIOROWSKA FELLOWSHIP-SLAVIC		
	MSN L&S SLAVIC LANGUAGES	(133-N199)	6,817.06
327.			
	MADISON, WI		
	COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERI9D O8-01-88 THRU 12-31-88		
	MSN ENGR CIVIL & INV ENGR	(133-N2O1)	1,800.00
328.	UWF MADISON, WI		
	APPLE-BASCOM PROFESSORSHIP FUND		
	MSN HS-PHR PHARMACY	(133-N2O4)	1,000.00
329.	NICOLET INSTRUMENT CORPORATION MADISON, WI		
	SUPPORT OF DOCTORAL CANDIDATES IN MASS SPECTROMETRY		
	MSN L&S CHEMISTRY	(133-N207)	5,636.30
330.			
	SAN DIEGO, CA CONVERSION OF MADNMR		
	MSN AG&LSC BIOCHEMISTRY	(133-N208)	1,500.00
331.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	RESEARCHING THE RECOMPRESSION OF BALDED		
	MSN AG&LSC AG ENGINEERING	(133-N209)	9,500.00
332.			
	WAUKEGAN, IL RESEARCH IN THE DEVELOPMENT OF AN ORGAN		
	PRESERVATION SOLUTION		
	MSN HS-MED SURGERY GEN SURG	(133-N210)	35,000.00

RES	EARCH		
333.	FORD FOUNDATION NEW YORK, NY PATTERNS OF MATERNAL EMPLOYMENT AND CHIL FOR THE PERIOD 07-01-88 THRU 12-31-89 AWARD # 885-0756 MSN L&S SOCIOLOGY	D CARE (133-N211)	50,000.00
334.	INTERNATIONAL LIFE SCIENCES INSTITUTE NUTRITION FOUNDATION WASHINGTON, DC VIRULENCE OF LISTERIA MONOCYTOGENES IN A ANIMAL MODEL	PREGNANT	
335.	MSN AG&LSC FOOD MICRO&TOXIC SHAVER POULTRY BREEDING FARMS LTD. CAMBRIDGE, ONTARIO, CANADA THE EFFECT OF NUTRITIONAL REGIMES ON STR OF EGG PRODUCING PULLETS MSN AG&LSC POULTRY SCIENCE	AINS	
336.		S.S.R.	
337.	ALUMINUM COMPANY OF AMERICA ALCOA CENTER, PA GRAIN REFINEMENT DURING SOLIDIFICATION O ALUMINUM ALLOYS FOR THE PERIOD 09-01-88 THRU 01-31-90 AWARD # TCO88803TC MSN ENGR MET & MIN ENGR	(133-N226)	122,490.00
338.	BRODHEAD RETAIL REVITALIZATION COMMUNITY BRODHEAD, WI DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH		5,200.00
339.	SIGMA THETA TAU INTERNATIONAL INDIANAPOLIS, IN SIGMA THETA TAU INTERNATIONAL RESEARCH GFOR THE PERIOD 09-01-88 THRU 08-31-89 MSN HS-NUR		3,000.00
340.	BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY AGING PARENTS WITH MENTALLY RETARDED CHI THE IMPACT OF LIFELONG CAREGIVING FOR TH PERIOD 09-01-88 THRU 02-28-89 AWARD # 12-225	(E	7,500.00
341.	MSN GRAD WAISMAN CENTER NATIONAL KIDNEY FOUNDATION OF WISCONSIN, MILWAUKEE, WI REGULATION OF RENAL METABOLISM IN ACUTE MSN HS-MED PEDIATRICS	INC.	

UNIVERSITY OF WISCONSIN - MADISON

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342.	INTERNATIONAL LIFE SCIENCES INSTITUTE NUTRITION FOUNDATION WASHINGTON, DC LYSOZYME TO CONTROL GROWTH AND SURVIVAL LISTERIA MONOCYTOGENES FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN AG&LSC FOOD MICRO&TOXIC		24,924.00	
343.	PACIFIC SCIENTIFIC ELECTRO KINETICS DIVI SANTA BARBARA, CA DEVELOPMENT OF A COMPUTER PROGRAM FOR DE OF SALIENT POLE BRUSHLESS SYNCHRONOUS AL USING AN IBM PERSONAL COMPUTER FOR THE P O4-O1-88 THRU 12-15-88 AWARD # P.O. #40949 MSN ENGR ELEC & COM ENGR ELEC&COMP	SIGN TERNATORS ERIOD	20,389.00	
244				
344.	ICI AMERICAS INC. WILMINGTON, DE PHARMACOLOGY OF CARDIOPULMONARY TISSUES MSN HS-MED ANESTHESIOLOGY	(133-N239)	5,000.00	
345.	MIDWEST FOOD PROCESSORS ASSOCIATION			
	MADISON, WI INCORPORTATION OF NITROGEN INTO POLYMER FOR SUBSEQUENT USE AS A FERTILIZATION TE MSN AG&LSC HORTICULTURE		3,840.00	
346.	MIDWEST FOOD PROCESSORS ASSOCIATION			
	MADISON, WI CONSERVATION TILLAGE PRODUCTION OF PEAS, SWEET CORN, & SNAP BEANS MSN AG&LSC AGRONOMY	(133-N246)	10,000,00	
		(100 NZ-0)	10,000.00	
347.	UPJOHN COMPANY KALAMAZOO, MI COLLABORATIVE FLEXIBLE-DOSE STUDY OF THE AND SAFETY OF DERACYN-SR TABLETS IN PANI WITH AGORAPHOBIA MSN HS-PSY PSYCHIATRIC INST		57,683.00	
348.	BURROUGHS WELLCOME COMPANY			
	RESEARCH TRIANGLE PARK, NC NEUROBIOLOGY OF EXPLOSIVE VIOLENCE	(133-N248)	3,500.00	
349.	A.O. SMITH HARVESTORE PRODUCTS, INC. DEKALB, IL			
	THE SEPARATION OF UNDIGESTED FIBER FROM BOVINE MANURE			
	MSN AG&LSC AG ENGINEERING	(133-N249)	3,300.00	
350.	MADUS MEDTEC, INC. SPRING HOUSE, PA			
	FIBER AND GASTROINTESTINAL RESEARCH MSN AG&LSC NUTRITIONAL SCI	(133-N252)	2 000 00	
	HON AGGEO NOTELLONAL SOL	(100 11202)	2,000.00	

RES	EARCH		
351.			
	ESTABLISHED IMMUNE-MEDIATED GLOMERULONEPH MSN VET M MEDICAL SCIENCES	HRITIS (133-N253)	10,000.00
352.	WAUWATOSA, WI		
	DEVELOPMENT AND TESTING OF A RENAL PSYCHOUS INTERVENTION ASSESSMENT SCALE: A MULTICEN MSN HS-HSP SOCIAL WORK SOCIAL WRK	NTER STUDY	6,000.00
353.	SPENCER FOUNDATION CHICAGO, IL A CONFERENCE ON EDUCATIONAL DECENTRALIZAT THEORY, PRACTICE, AND EMPIRICAL EVIDENCE FOR THE PERIOD 09-01-88 THRU 08-31-89		
	MSN L&S LAFOLLET PUBL AF	(133-N255)	60,000.00
354.	KURE RESEARCH LABORATORY KURE, HIROSHIMA, JAPAN APPLICATION OF CERAMIC MEMBRANE TO THE AF OF PHOTELECTOCHEMISTRY		
	MSN ENGR ENGR EXPER STA WATER CHEM	(133-N256)	20,000.00
355.	MILWAUKEE, WI LOCATION AND REGULATION OF THE CAROTENE DXYGENATING ENZYMES OF ASTAXANTHIN BIOSYN	NTHESIS	
	IN PHAFFIA RHODEZYMA MSN AG&LSC FOOD MICRO&TOXIC	(133-N260)	15,000.00
356.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT PICORNAVIRAL RESEARCH MSN AG&LSC VETERINARY SCI	(133-N261)	13,000.00
357.	NATIONAL ASSOCIATION OF ANIMAL BREEDERS		
	COLUMBIA, MO BHV-1 INFECTION OF THE BOVINE GENITAL TRA	ACT (133-N263)	35,000.00
358.	UNIVERSITY OF MANITOBA WINNIPEG, CANADA EFFICACY OF CHLAMYDIAL DIAGNOSTIC ASSAYS INVESTIGATION OF MECHANISMS OF TREATMENT IN CHLAMYDIAL NEONATAL CONJUNCTIVITIS		
	MSN HS-MED OPHTHALMOLOGY	(133-N264)	6,312.00
359.	VILLAGE OF SAUK CITY SAUK CITY, WI SAUK CITY DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH	(133-N265)	4,550.00
360.	UPJOHN COMPANY KALAMAZOO, MI TROPICAL FLURBIPROFEN IN SUNBURN PAIN		
	MSN HS-MED MEDICINE DERMATOLGY	(133-N267)	9,720.00

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361.	PROCTER & GAMBLE COMPANY CINCINNATI, OH MCARDLE LABORATORY FELLOWSHIP FUND MSN HS-MED ONCOLOGY	(133-N268)	15,000.00
362.	STETLER (PEARL M.) RESEARCH FUND CHICAGD, IL		
	STETLER FOUNDATION SUPPLY ALLOWANCE MSN HS-MED MEDICINE GASTROENT	(133-N269)	1,000.00
363.	STETLER (PEARL M.) RESEARCH FOUNDATION CHICAGO, IL		
	STETLER FOUNDATION SUPPLY ALLOWANCE MSN HS-MED MEDICINE ENDOCRINOL	(133-N270)	1,000.00
364.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	OSCAR MAYER ACCOUNT FOR DERMATOLOGY RES MSN HS-MED MEDICINE DERMATOLGY		25,000.00
365.	MARION LABORATORIES INC. KANSAS CITY, MO "DOSE RANGING EVALUATION OF DILTIAZEM HYDROCHLORIDE SUSTAINED RELEASE CAPSULE PLACEBO IN PATIENTS WITH CHRONIC STABLE PECTORIS"		
	MSN HS-MED MEDICINE CARDIOLOGY	(133-N277)	7,344.00
366.	ATLANTA, GA FACULTY RESEARCH AWARD FOR THE PERIOD 07-01-88 THRU 08-31-88 AWARD # FRA-325	(133-N278)	6,574.00
367.	NATIONAL ACADEMY OF SCIENCES V.M. SLIPHER FUND SEATTLE, WA		
	CELESTIAL CONNECTION PILOT PROGRAM FOR THE PERIOD 08-01-88 THRU 08-30-89 AWARD # 67		
	MSN L&S SPACE ASTRON LAB	(133-N281)	660.00
368.	AMERICAN HEART ASSOCIATION DALLAS, TX ESTABLISHED INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 85 121		
	MSN AG&LSC BIOCHEMISTRY	(133-N285)	40,920.00
369.	DALLAS, TX ESTABLISHED INVESTIGATOR AWARD FOR THE 07-01-88 THRU 06-30-89	PERIOD	
	AWARD # 84 255 MSN HS-MED MEDICINE NEPHROLOGY	(133-N286)	39,680.00

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370.	MADISON, WI VILAS RESEARCH P	ROFESSORSHIP IN AI 7-01-88 THRU 06-30		25,000.00
371.	DUPONT (E I) DEN WILMINGTON, DE INVISCID MELT SP MSN ENGR CHEMI		(133-N289)	5,000.00
372.	MADISON, WI NEONATAL MONITOR		XYGEN	16,000.00
373.	SQUIBB-NOVO, INC PRINCETON, NJ PHARMACY RESEARC MSN HS-PHR PHARM	Н	(133-N293)	200.00
374.	LONG BEACH, CA	NCER RESEARCH FUN	D (133-0555)	4,000.00
375.	QUAKER DATS COMP CHICAGO, IL DEVELOPMENT OF H DATS MSN AG&LSC AGRON	IGH QUALITY AND D		17,740.00
376.	WEED CONTROL IN MSN AG&LSC AGRON		(133-5014)	
	3,000.00	MIDWEST FOOD PRO MADISON, WI FMC CORPORATION PRINCETON, NJ AMERICAN CYANAMI PRINCETON, NJ	CESSORS ASSOCIATION D COMPANY	
				30,250.00
377.		EAN'S UNRESTRICTE	D FUND (133-5671)	150.00
378.		OVEMENT BY BREEDI ONTENTS OF OATS	NG AND SELECTION (133-5866)	39,685.00

UNIVERSITY OF WISCONSIN - MADISON

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379. TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY (133-6855)

2,250.00

FMC CORPORATION MIDDLETON, WI

3,000.00

VALENT FRESNO, CA

5.250.00

SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE (133-7179)

> 15,264.00 2,500.00

MULTIPLE DONORS

MOBAY CORPORATION INDIANAPOLIS, IN

1,340.00

VALENT USA CORPORATION

DALLAS CENTER, IA

19,104.00

MULTIPLE DONORS 381. SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY

MSN HS-MED NEUROLOGY

(133-7446)

123.18

382. ESTATE OF ALICE CLAIRE BECK MONTICELLO, WI CEREBRAL VASCULAR RESEARCH

MSN HS-MED NEUROLOGY

(133-7844)

794.84

383. VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN PSYCHOLOGY FOR THE PERIOD 07-01-88 THRU 06-30-89

PSYCHOLOGY MSN L&S

(133-8440) 25,000.00

384. VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GERMAN FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S GERMAN

(133-8445) 25,000.00

385. VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN AGRICULTURAL ECONOMICS

FOR THE PERIOD 07-01-88 THRU 06-30-89

MSN AG&LSC AG ECONOMICS

(133-8449) 25,000.00

386. WISC DEPT OF NATURAL RESOURCES MADISON, WI

COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND

TRAINING PROGRAM

MSN AG&LSC N R-WILDLIF ECOL

(133-8598)

28,000.00

487.50

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH				

387. VILAS (WILLIAM F) TRUST ESTATE MADISON. WI VILAS RESEARCH PROFESSORSHIP IN CHEMICAL ENGINEERING FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN ENGR CHEMICAL ENGR (133-8824) 25,000.00 388. HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY (133-9070)750.00 DOW CHEMICAL USA MADISON, WI MONSANTO AGRICULTURAL PRODUCTS 1,500.00 MILTON, WI MULTIPLE DONORS 250.00 2,500.00 MIDWEST FOOD PROCESSORS ASSOCIATION INC. MADISON, WI STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY (133-9123) 10,000.00 390. BRUNSWICK FOUNDATION, INC. SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA I COMBUSTN (133-9631) 7,600.00 UNIVERSITY OF WISCONSIN FOUNDATION 391. MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR MECHANICS (133-9653) 5,000.00 392. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY PROGRAM MSN ENGR ENGR EXPER STA FUSION TEC (133-9977) 35,000.00 STUDENT AID PETERSON, JUDY ANN MAZOMANIE, WI WHITE, PHILLIP--LOAN FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (LOANS) 2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNATIONAL ENGINEERING PROGRAM (U.S./JAPAN) MSN ENGR ENGR EXPER STA INTL ENGRG (LOANS) 3,500.00 3. SANTA'S TREES, INC. LAKE FOREST, IL WALLACE, SUZANNE D. LYON, EARLE D. -- SCHOLARSHIP

MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (TRUST)

UNIVERSITY OF WISCONSIN - MADISON

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4.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN I SCHULTE, WALTER E MSN ENGR CHEMIC	3SCHOLARSHIP FUND	ſ	TRUST)	8,218.72
5.	LOVE, GEORGE R. A	ES REC'D IN ESTATE AND ELAINEEDUCATIONAL VS & SCHOLS	FUN (ND TRUST)	502.42
6.	MADISON, WI	SCONSIN FOUNDATION 3SCHOOL OF MUSIC OF MUSIC	(TRUST)	1,000.00
7.	MADISON, WI VETERINARY MEDIC:	SCONSIN FOUNDATION INE SCHOLARSHIP FUND -ACAD AFF'S ACAD AFF'S	ſ	TRUST)	7,000.00
8.	WAUPACA, WI WISCONSIN AGRICUI	ON P. LTURAL ENGINEER SCHOLAR STU AFF ADM SCHOLRSHIP	SHIF	o TRUST)	275.00
9.	MULTIPLE DONORS MEDICAL SCHOOLS MSN HS-MED	SCHOLARSHIPS	(TRUST)	10.00
10.	CHANGED: IF THERE MINING ENGINEER! BE MADE TO AN UNIC STUDENT WITH A MADE TO THE MINING	OF THE DONOR THE CONDI E IS NO DESERVING STUDE NG AVAILABLE, THEN THE DERGRADUATE BEGINNING S AJOR IN GEOLOGICAL ENGI SCHOLARSHIP FUND IN E MIN ENGR	NT I AWAF ENIC NEEF NGIN	IN RD CAN DR RING. NEERING)	
11.	DUPPLER, DAVID W WILTON, ME WORDEN, DONALD F MSN HS-MED	. M.D.)	250.00
12.	GRINDELL, DR. JAN MSN G SERV FELLOV	MES ASCHOLARSHIP WS & SCHOLS	(TRUST)	
	12,199.43 1,709.13 475.00	GRINDELL, DR. JAMES A. SAN DIEGO, CA MARY KAUFMAN, EXECUTO GRINDELL, JAMES ESTATE SAN DIEGO, CA GRINDELL, JAMES A. EST SAN DIEGO, CA	R	TATE		
						44 000 FO

14,383.56

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

13. JAMES RIVER CORPORATION
RICHMOND, VA
FOLEY, DIANE M.
SLIFKIN, SAM CHARLES--AWARD IN CHEMISTRY
MSN L&S CHEMISTRY

(TRUST) 5,000.00

14. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO33A84553
MSN G SERV FELLOWS & SCHOLS

(145-0189) 2,031,529.00

15. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84553
MSN G SERV FELLOWS & SCHOLS (14

(146-0027) 2,500,088.00

16. EDUCATION, DEPT OF
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84553
MSN S LOAN STU LOANS NDSL (

NDSL (LDANS) 68,114.00

17. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P063P87121
MSN G SERV FELLOWS & SCHOLS (148

(148-A089) 4,435,900.00

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

1) PATRICIA ROBERTS HARRIS GRADUATE AND PROFESSIONAL STUDY FELLOWSHIP PROGRAM FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # P094B80067

MSN GRAD

(144-AL96) 144,000.00

2) NATIONAL RESOURCE FELLOWSHIP PROGRAM SOVIET AND EAST EUROPEAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # PO15A8O155 MSN GRAD

(144-AMO5) 34,070.00

3) NATIONAL RESOURCE FELLOWSHIP PROGRAM SOUTHEAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # PO15A8O151 MSN GRAD

(144-AMO7) 70,450.00

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4)	NATIONAL RESOURCE FELLOWSHIP PROGRAM AFRICAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # P015A80047 MSN GRAD	(144-AMO9)	106,730.00
	NATIONAL RESOURCE FELLOWSHIP PROGRAM LATIN AMERICAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # PO15A8OO18 MSN GRAD	(144-AM11)	49,596.00
6)	NATIONAL RESOURCE FELLOWSHIP PROGRAM SOUTH ASIAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # PO15A8OOO9 MSN GRAD	(144-AM13)	97,456.00
7)	NATIONAL RESOURCE FELLOWSHIP PROGRAM EAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # PO15A8OOO5 MSN GRAD	(144-AM15)	68,850.00
8)	JACOB JAVITS FELLOWS PROGRAM FOR THE PERIOD 09-01-86 THROUGH 08-31-89 AT A TOTAL COST OF \$75,326.00 AWARD # GOO8640659-88, MOD. 3 MSN GRAD	(144-Y278)	16,000.00
19.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-18-88 THROUGH 08-17-89 AWARD # 5 F31 NRO6202-02 MSN GRAD SCH OF NURSING	(144-AN96)	10,552.00
20.	FERMI NATIONAL ACCELERATOR LABORATORY BATAVIA, IL PRIME CONTRACTOR WITH DOE PROFESSIONAL SERVICES OF GRADUATE STUDENT WORK ON PHASE-SPACE DIMENSION OF CHARGED BEAM IN A LINEAR ACCELERATOR TYPE SYSTEM FOR THE PERIOD 02-01-87 THROUGH 06-30-89 AT A TOTAL COST OF \$35,000.00 AWARD # P. O. # 927880, MOD. 2 MSN L&S PHYSICS	PARTICLE	15,300.00
21.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WILLIAM J. HAGENAH SCHOLARSHIP IN LAW SCHOOL		4,025.00
22.	MILLER FOUNDATION MARSHFIELD, WI UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM	E (133-A352)	8,000.00

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23.	MILLER FOUNDATION MARSHFIELD, WI FARM AND INDUSTRY SHORT COURSE MSN AG&LSC ACAD STU AFF ADM	(133-A353)	2,000.00
24.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-B967)	2,370.85
25.	FARM CREDIT BANKS OF ST. PAUL, MINNESOTA ST. PAUL, MN THE FARM CREDIT BANKS OF ST. PAUL SCHOLA MSN AG&LSC ACAD STU AFF ADM		1,500.00
26.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP FOR COLLEG OF ENGINEERING MSN ENGR	E (133-D091)	2,015.00
27.	TRANE COMPANY FOUNDATION, INC. LA CROSSE, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-E726)	300.00
28.	ROSSBACH (JACOB) SCHOLARSHIP FUND MENOMONEE FALLS, WI UNDERGRADUATE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-F367)	2,028.20
29.	WISCONSIN RURAL REHABILITATION CORPORATI MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG MEN AND WOM WISCONSIN FAMILY FARMS WHO ARE ENROLLED UW SCHOOL OF VETERINARY MEDICINE MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	EN FROM IN THE	4,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHEL J. ODEGARD SCHOLARSHIP IN MUSIC MSN L&S SCHOOL OF MUSIC	(133-H239)	3,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RALPH B ABRAMS SCHOLARSHIP MSN L&S ADMINISTRATION	(133-H407)	4,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAY C HALLS SCHOLARSHIP MSN L&S ADMINISTRATION	(133-H408)	5,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A.C. NIELSEN, JR. SCHOLARSHIP MSN L&S COMMUN ARTS	(133-H462)	5,000.00

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34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAPAN/ENGINEERING SCHOLARSHIP MSN ENGR ENGR EXPER STA INTL ENGRG	(133-J105)	7,545.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL DIETZE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J250)	1,225.00
36. 37.	MADISON, WI LOTHAR I. IVERSEN MEMORIAL SCHOLARSHIP	(133-J251)	500.00
	MADISON, WI ELMER IVERSEN JENS MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J253)	500.00
38.	MADISON, WI KEENAN A BENNETT SCHOLARSHIP	(133-K630)	1,000.00
39.	MADISON, WI ALFRED L WILDS SCHOLARSHIPS	(133-K790)	6,950.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	1,500.00
41.	WASHINGTON, DC PROJECT SEED PROGRAM	(133-L282)	1,600.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L349)	3,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A.J. AND ADELAIDE E. RIKER SCHOLARSHIP F MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP		11,000.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEVE SINGEL TUBA SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-L551)	400.00

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DONALD NETZER ASST. BAND DIRECTOR SCHOLAR MSN L&S SCHOOL OF MUSIC	RSHIP FUND (133-L552)	850.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	CLITD FUND	
	WILLIAM AND JOYCE WORTMANN VOICE SCHOLARS MSN L&S SCHOOL OF MUSIC	(133-L553)	2,000.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	JAMIE BYERS SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-L554)	500.00
48.	UNIVERSITY LEAGUE, INC.		
	UNIVERSITY LEAGUE SCHOLARSHIP	(133-L824)	800.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	RAY CAMPBELL EDWARDS SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L928)	400.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	FERDINAND C. PLAENERT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-L998)	500.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI		
	ETHELMAE S. MERRIAM SCHOLARSHIPS MSN G E A DEAN OF STUDENTS PR DISABLD	(133-MO21)	5,480.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE AGRICULTURE AND LIFE SCIENCES		
	MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-M145)	750.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	PATRICIA A. CHENEY SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-M192)	250.00
54.	FAST PLANT SCHOLARSHIP PROGRAM	(133-N120)	900.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	GENERAL SCHOLARSHIP SUPPORT	(133-N174)	1,000.00

UNIVERSITY OF WISCONSIN - MADISON

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56.	RISK AND INSRUANCE MANAGEMENT SOCIETY, I MILWAUKEE, WI RIMS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS		500.00
57.	MADISON, WI NORMAN J. NACHREINDER SCHOLARSHIP	(133-N227)	350.00
58.	MADISON, WI	(133-N228)	2,000.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOUIS & NANCY HOLLAND MINORITY SCHOLARSH MSN BUS SCH OF BUSINESS	ΊΡ	
60.			
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEL LEWIS SCHOLARSHIP MSN L&S THEATRE & DRAMA		
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROCTOR & GAMBLE CONVERTIBLE LOAN FUND FOR MINORITIES IN CHEMICAL ENGINEERING MSN ENGR MINORITIES ENGR		
63.	SHEBOYGAN COUNTY PHARMACEUTICAL ASSOCIAT SHEBOYGAN, WI SHEBOYGAN COUNTY PHARMACEUTICAL ASSOCIAT SCHOLARSHIP FUND	ION ION	
64.		(133-N257)	500.00
65.		(133-N271)	1,000.00
	MADISON, WI JACOBSON MEMORIAL SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-N272)	700.00
66.	MADISON, WI LEO STEFFENS PIANO SCHOLARSHIP FUND	(133-N273)	150.00
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67.	MADISON, WI	(133-N274)	500.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COOPER HARP SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-N275)	300.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KRISTIN ANN WRIGHT MEMORIAL SCHOLARSHIP MSN HS-PHR PHARMACY	(133-N279)	100.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KATHRYN R. BEACH SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-N288)	250.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID N. CONNOR SCHOLARSHIP	(133-N291)	
72.			
73.	RALSTON PURINA COMPANY ST. LOUIS, MO RALSTON PURINA UNDERGRADUATE SCHOLARSHIP AGRICULTURE		
74.	MADISON, WI THOMAS W. DOIG FELLOWSHIP	(133-2194)	1,500.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROBERT E. COTTERMAN FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-2995)	1,500.00
76.	MODRMAN COMPANY FUND QUINCY, IL UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM	(133-3834)	4,000.00
77.	NATIONAL GUARDIAN LIFE INSURANCE COMPANY MADISON, WI COOPERATING LIFE INSURANCE COMPANIES SCHO MSN BUS SCH OF BUSINESS	DLARSHIP (133-4436)	1,500.00

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78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED RESCHKE SOCIAL SCIENCE SCHOLARSHI MSN L&S SOCIOLOGY	P FUND (133-5887)	4,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVANS P. HELFAER UNDERGRADUATE SCHOLARSH CHEMISTRY		
	MSN L&S CHEMISTRY	(133-5989)	2,400.00
80.	SUNDSTRAND CORPORATION FOUNDATION ROCKFORD, IL SCHOLARSHIP TO BE AWARDED TO STUDENTS EN MECHANICAL, ELECTRICAL, METALLURGICAL OR INDUSTRIAL ENGINEERING SELECTED BY THE S COMMITTEE OF COLLEGE OF ENGINEERING SUBJ APPROVAL OF THE STUDENT FINANCIAL AIDS C MSN ENGR	CHOLARSHIP ECT TO THE	1,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRADFORD B. RICHMOND SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM	(133-6644)	5,250.00
82.	MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND	(133-7137)	5,000.00
83.	STEENBOCK (HARRY) ESTATE MADISON, WI STEENBOCK SCHOLARSHIPS FOR STUDENTS FROM NEW HOLSTEIN AND CHILTON HIGH SCHOOLS MSN G SERV FELLOWS & SCHOLS	l (133-7325)	12,393.00
84.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN		1,860.19
85.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI WILLIAM F. VILAS FELLOWSHIPS FOR THE PER 07-01-88 THRU 06-30-89 MSN GRAD	:IOD (133-8453)	40,500.00
86.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI WILLIAM F. VILAS SCHOLARSHIPS FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN G SERV FELLOWS & SCHOLS	(133-8454)	56,000.00

13,750.00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MADISON

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87.	UNIVERSITY OF WISCONSIN FOUNDATION	
	MADISON, WI	
	SCHOOL OF NURSING SCHOLARSHIP FUND	
	MSN HS-NUR	(133-8872)

88. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MINORITY ENGINEERING SCHOLARSHIP FUND
MSN ENGR MINORITIES ENGR (133-8953) 5,000.00

UNRESTRICTED

1. COMPUTERIZED STRUCTURAL DESIGN, INC.
MILWAUKEE, WI
UNRESTRICTED GRANT FOR ELASTIC - PLASTIC
FRACTURE MECHANICS RESEARCH
MSN ENGR ENGR MECHANICS (133-M104) 2,209.04

2. DORIS P. SLESINGER
MADISON, WI
DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND
MSN AG&LSC RURAL SOCIOLOGY (133-M652) 530.00

3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED GRANT TO DEPARTMENT OF CHEMISTRY
MSN L&S CHEMISTRY (133-N090) 29,000.00

4. AMERICAN MEAT SCIENCE ASSOCIATION
CHICAGO, IL
CHAIRMAN'S DISCRETIONARY ACCOUNT
MSN AG&LSC MEAT& ANIMAL SCI (133-N191) 675.10

TOTAL MADISON 49,455,348.59

EXTENSION AND PUBLIC SERVICE 35,199.76
INSTRUCTION 1,531,479.00
LIBRARIES 310,614.59
MISCELLANEOUS 1,054,749.19
RESEARCH 36,515,362.47
STUDENT AID 9,975,529.44
UNRESTRICTED 32,414.14

UNIVERSITY OF WISCONSIN - MILWAUKEE

EXTENSION AND PUBLIC SERVICE

1. CITY OF MILWAUKEE/HUD
MILWAUKEE, WI
PRIME CONTRACTOR WITH HUD
HARAMBEE COMMUNITY HEALTH OUTREACH
FOR THE PERIOD 06-01-88 THROUGH 05-31-89
AWARD # CBP 88-197
MIL DOCE CURR IS-PBLC POL URB COMUN (144-AK33) 58,000.00

GIFT-IN-KIND

- 1. UWM FOUNDATION
 MILWAUKEE, WI
 GIFT OF CHANNELMATIC AUTOMATIC CABLE
 TELEVISION PLAYBACK SYSTEM AND MONITORS
 FOR EDUCATION COMMUNICATIONS DIVISION
 MIL ED COM ADMINISTRATION
- 2. UWM FOUNDATION ACCT. #800.0
 MILWAUKEE, WI
 GIFT OF ONE (1) NX-JACKETER/READER
 FILLER II WITH 20X LENS TO THE UWM
 LIBRARY SERIAL #414557
 MIL LIBR LIBRARY
- 3. RICHARD BENNETT
 BENNETT ACADEMY OF SKI AND SCUBA, INC.
 WAUWATOSA, WI
 GIFT OF UNDERWATER HABITAT INCLUDING
 WEIGHT CARRIAGE AND IRON BALLAST
 MIL GRAD GT LKS ST, CTR F
- 4. VARIOUS DONORS
 MILWAUKEE, WI
 GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS
 FOR THE GOLDA MEIR LIBRARY FOR THE
 FISCAL YEAR 88/89
 MIL LIBR LIBRARY

INSTRUCTION

- 1. INSTITUTE OF MUSEUM SERVICES
 WASHINGTON, DC
 GENERAL OPERATING SUPPORT
 FOR THE PERIOD 06-01-88 THROUGH 05-31-89
 AWARD # IG-80561-88
 MIL F ARTS UWM ART MUSEUM ART MUSEUM (144-AM73) 18.117.00
- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) DEMONSTRATION PROJECT FOR LEARNING
 DISABLED: COOPERATIVE LEARNING AT
 THE COLLEGE LEVEL
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # GOO8730103-88
 MIL AC AFF GENERAL (144-AL51) 98,127.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

2) UPWARD BOUND CONTINUATION APPLICATION FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # GOO8640533-88 MIL AC AFF STU ACAD SUPPORT (144-AM55) 158,355.00 3) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS

FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # GO08740638-88 MIL AC AFF DEPT OF ED OPPOR DEPT ED OP (144-AM56) 127,308.00

3. EDUCATION, DEPT. OF WASHINGTON, DC UNIVERSITY OF WISCONSIN SYSTEM LANGUAGE AND AREA STUDIES CENTER (CENTER FOR LATIN AMERICA) FOR THE PERIOD 08-15-88 THROUGH 08-14-89 AWARD # P015A80018 LATIN-AMER CTR MIL L&S

(144-AN57) 64,742.00

4. EDUCATION, DEPT OF WASHINGTON. DC LIBRARY CAREER TRAINING PROGRAM - INSTITUTE FOR THE PERIOD 09-01-88 THROUGH 11-30-89 AWARD # R036A80042 MIL L&I SC SCH-LIB&INF SCI

(144-AN71) 26,909.00

5. UWM FOUNDATION MILWAUKEE, WI JOANNA JOHNSON CHAIR - OCCUPATIONAL HEALTH NURSING, WAUSAU INSURANCE CO. MIL NURS HLTH MAINTENANCE

(133-B811) 42,340.00

6. ST. LUKES HOSPITAL MILWAUKEE, WI EPISODIC HEALTH DISRUPTIONS: THEORY TO PRACTICE REDUCED BUDGET DUE TO CHANGE IN CONTRACT MIL NURS ADMIN DEAN (133-D765)

64,231.00-

7. WISCONSIN ELECTRICAL POWER CO. MILWAUKEE, WI A COMPUTER GRAPHICAL SIMULATION PACKAGE FOR POWER SYSTEM STUDY - PHASE THREE FOR THE PERIOD 07/15/88 THROUGH 12/31/88 MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-J673)

18,000.00

8. INDIANA UNIVERSITY (P/C MUCIA/MALAYSIA) BLOOMINGTON. IN PERSONNEL SERVICES AGREEMENT FOR THE PERIOD 08/01/88 THROUGH 07/31/89 AWARD # AMENDMENT NO.-4 MIL L&S SOCIOLOGY

(133-K614) 56,334.00

9. INDIANA UNIVERSITY (P/C MUCIA/MALAYSIA) BLOOMINGTON, IN PERSONNEL SERVICES AGREEMENT FOR THE PERIOD 06/01/88 THROUGH 05/31/89 AWARD # AMENDMENT #4 (133-L164) 59,683.00 MIL BUS AD MANAGEMENT PROGS

2,750.00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

10. INDIANA UNIVERSITY
(P/C MUCIA/MALAYSIA)

BLOOMINGTON, IN
PERSONNEL SERVICES AGREEMENT
FOR THE PERIOD 08/01/88 THROUGH 12/31/88
AWARD # AMENDMENT NO.-4
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-L997) 29.213.00

LIBRARIES

1. DONNA C. HAGENSICK
MILWAUKEE, WI
FOR USE IN THE UWM LIBRARY DEVELOPMENT FUND OF THE
GOLDA MEIR LIBRARY
MIL LIBR LIBRARY
(133-8383) 100.00

MISCELLANEOUS

- 1. TRANSFER TO 133-J653 FOR EXPENDITURE
 DISCRETIONARY FUNDING FOR G. SOSNOSVSKY (MILW)
 MIL L&S CHEMISTRY (TRUST)
- 2. EDUCATION, DEPT OF
 WASHINGTON, D. C.
 VETERANS EDUCATION OUTREACH PROGRAM PAYMENTS
 (TITLE IV, PART A. SUBPART 7, SECTION 420A OF
 THE HIGHER EDUCATION AMENDMENTS ACT OF 1986)
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # QOO8812511
 MIL STU AF REGISTRAR'S OFF SAL-S&E-CA (144-AN72) 12,583.00
- 3. WISCONSIN ARTS BOARD
 MADISON, WI
 PRIME CONTRACTOR WITH NEA
 THE GRAPHIC WORK OF ROBERT VON NEUMANN
 1930-1970
 FOR THE PERIOD 02-12-89 THROUGH 05-21-89
 AWARD # CHECK NO. A8701714
 MIL F ARTS UWM ART MUSEUM ART MUSEUM (144-AL90)
- 4. NATIONAL SCIENCE FOUNDATION
 WASHINGTON, D. C.
 IPA ASSIGNMENT AGREEMENT
 FOR THE PERIOD 08-01-88 THROUGH 07-31-89
 AWARD # DMR 8818273
 MIL L&S PHYSICS (144-AL89) 18,288.00
- 5. VETERANS ADMINISTRATION
 MILWAUKEE, WI
 VETERANS ADMINISTRATION OVERHEAD
 FOR THE PERIOD 07-01-78 THROUGH 12-31-99
 AWARD # CHECK NO. 221438852603 &
 MIL STU AF REGISTRAR'S OFF VETS AFF (144-M701) 32.50

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

6.	UWM ALUMNI ASSOCIATION MILWAUKEE, WI MONEY TO PAY SALARIES AND FRINGE BENEFITS SPECIALIST & STUDENT EMPLOYMENT IN THE DE ALUMNI RELATIONS MIL U REL ALUMNI REL	PT. OF	43,000.00
7.	UWM ALUMNI ASSOCIATION MILWAUKEE, WI DISCRETIONARY ACCOUNT MIL U REL ALUMNI REL	(133-C616)	12,000.00
8.	UWM FOUNDATION (FM90-FRIENDS) MILWAUKEE, WI FRIENDS OF WUWM MIL L&S WUWM ADMIN-GEN	(133-C622)	79,200.00
9.	SOCIAL WELFARE MASTER ACCOUNT UWM FOUNDATION ACCOUNT #545 SOCIAL WELFARE MASTER ACCOUNT MIL S WELF SOC WELFARE ADMN SOC WEL AD	(133-C662)	2,400.00
10.	HIGHER EDUCATION CABLE CONSORTIUM MILWAUKEE, WI OPERATION OF A TV HEADEND/PLAYBACK FACILI HECC MIL ED COM PROJECTS SP P2-HECC		2,278.24
11.	VARIOUS DONORS MILWAUKEE, WI SUMMER EVENINGS OF MUSIC MIL F ARTS ADMINISTRATION ADMIN	(133-M757)	75.00
12.	UWM FOUNDATION MILWAUKEE, WI INSERVICE FOR ARROWHEAD SCHOOL DISTRICT MIL EDUC ADMINISTRATION	(133-N183)	1,500.00
13.	UWM FOUNDATION MILWAUKEE, WI SALARY SUPPORT FOR THOMAS DVORAK TO CONDUCT 17 DAY TOUR TO JAPAN WITH THE GREATER MILWAUKEE WIND ENSEMBLE FOR THE PERIOD O6/27/88 THROUGH O8/21/88 MIL F ARTS MUSIC	(133-N184)	1,600.00
14.	EXXON EDUCATION FOUNDATION FLORHAM PARK, NJ PARTNERSHIPS FOR STRENGTHENING ELEMENTARY MATHEMATICS FOR THE PERIOD 09/01/88 THROUGH 08/31/89 MIL GRAD M-S ERC	(133-N185)	20,000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. AGRICULTURE, DEPT. OF WASHINGTON, DC STUDIES OF THE INSECT PATHOGENIC BACTERIUM XENORHABDUS LUMINESCENS FOR THE PERIOD 07-01-88 THROUGH 06-30-90 AWARD # 88-37263-3501 MIL GRAD GT LKS ST, CTR F

(144-AM19) 100.000.00

98,195.00

- 2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MARYLAND STEREOSPECIFIC APPROACH TO MACROLINE-RELATED ALKALOIDS FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # 5 RO1 NS22287-03 MIL L&S CHEMISTRY (144-APO5) 58,424.00
- 3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH RESEARCH TRIANGLE PARK, NC CADMIUM, ZINC, METALLOTHIONEIN AND KIDNEY CYTOTOXICITY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 ES04026-02

CHEMISTRY MIL L&S (144-AL55) 164,032.00

- 4. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES WASHINGTON, DC REDUCING VIOLENCE TOWARDS U.S. CHILDREN: TRANSFERRING POSITIVE INNOVATIONS FROM SWEDEN FOR THE PERIOD 09-30-88 THROUGH 09-29-89 AWARD # 90CA1331/02 MIL DOCE PRENL RSDRC DVLP SOCIAL SVC (144-AN77) 58,280.00
- 5. DOD, NAVY ARLINGTON, VA MECHAMISMS OF SOLID LUBRICATION OF GRAPHITE IN CAST ALUMINUM GRAPHITE COMPOSITES FOR THE PERIOD 08-01-87 THROUGH 07-31-89 AWARD # NOO014-87-K-0399 MIL ENG&AS MATERIALS (144-Z522)

6. ENERGY, DEPT OF WASHINGTON, DC INTERFACIAL AREA AND INTERFACIAL TRANSFER IN TWO-PHASE FLOW SYSTEMS. FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # DE-FG02-87ER13764 MIL ENG&AS MECHANICAL ENGR (144-Z785) 99,710.00

7. STATE HISTORICAL SOCIETY OF WISCONSIN MADISON, WI PRIME CONTRACTOR WITH INTER 1987-88 REGIONAL ARCHAEOLOGY IN SOUTHEAST WISCONSIN FOR THE PERIOD 06-23-87 THROUGH 08-03-88 AWARD # P.O. HSH 3261 ANTHROPOLOGY MIL L&S (144-Z664) 2.000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

8.	NATIONAL	SCIENCE	FOUNDATION
	WASHINGTO	N, DC	
	IN SUPPOR	T OF THE	E FOLLOWING:

1) METASTABLE ULTRA-THIN FILM STRUCTURES FOR THE PERIOD 08-01-88 THROUGH 01-31-90 AWARD # DMR-8805171 MIL L&S PHYSICS (144

(144-AMO3) 61,500.00

2) STUDIES OF ZEOLITE CATALYSTS FOR CONTROL OF EMISSIONS: REDOX REACTIONS AND CATION SITING FOR THE PERIOD O8-15-88 THROUGH O1-31-90 AWARD # CBT-8810149 MIL GRAD LAB FOR SURF STU (144-

(144-AN70) 54,663.00

3) ENHANCEMENT OF THE LONG-TERM DATA BASE
PROGRAM AT THE UNIVERSITY OF WISCONSIN-MILWAUKEE
FIELD STATION
FOR THE PERIOD 08-15-88 THROUGH 01-31-91
AWARD # BSR-8812712
MIL L&S FIELD STATION (144-AN73)

(144-AN73) 9,700.00

4) MICROFINE CEMENT GROUT FOR THE REPAIR OF SEWER
SYSTEMS (CREATIVITY AWARD IN GRADUATE ENGINEERING)
FOR THE PERIOD 09-01-87 THROUGH 02-28-90
AWARD # ENG-8710365
MIL ENG&AS CIVIL ENGINEER'G (144-Z872)

(144-Z872) 30,000.00

9. CARNEGIE CORP OF NEW YORK
NEW YORK, NY
TO CORRECT REGENTS NOTICE ERRONEOUSLY
CREATED FOR THE AUGUST 5, 1988 REGENTS
MEETING. (CORRECT NUMBER IS 133N127)
MIL GRAD M-S ERC

(133-AL51) 20,000.00-

10. MIDWEST RESEARCH MICROSCOPY
THIN FILMS
MILWAUKEE, WI
CONSULTATION & SAMPLE ANALYSIS
MIL L&S PHYSICS

(133-E596) 975.00

11. COLUMBIA HOSPITAL
MILWAUKEE, WI
RESEARCH FACILITATION
FOR THE PERIOD 05/23/88 THROUGH 05/21/89
MIL NURS HLTH RESTORATION (1

(133-G377) 20,735.00

12. UWM FOUNDATION, ACCT. NO. 318.0
(HARVEY D. WILMETH)
MILWAUKEE, WI
DISCRETIONARY USE FOR RESEARCH AND SPECIAL
PROJECTS
MIL L&S ECONOMIC EDUC

(133-G400) 5,000.00

1,095.15

13. SHAW RESEARCH FUND

UWM FOUNDATION

MILWAUKEE, WI

CONTROL OF DNA REPLICATION IN BACTERIA

FOR THE PERIOD 07/26/88 THROUGH 10/01/88

MIL L&S BIOLOGICAL SCI (133-J678)

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

14.	MILWAUKEE, WI AMERICAN COLLEGIATE SCHOOLS OF PLANNING FOR THE PERIOD 06/01/88 THROUGH 06/30/89		
	MIL ARC&UP ADMINISTRATION ADMIN	(133-K820)	7,000.00
15.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI INTERNATIONAL LABORATORY FOR VISITOR STU MIL L&S PSYCHOLOGY	DIES (133-L165)	10,189.00
16.	MILWAUKEE, WI WALTER SCHROEDER CHAIR FOR NURSING RESEA	RCH (133-L782)	75,981.00
17.	KELCH CORPORATION CEDARBURG, WI DISCRETIONARY RESEARCH AWARD # P.O. 9585	(133-M226)	
		(133-14220)	4,200.00
18.	MILWAUKEE, WI BETA RECEPTORS RESEARCH FUND	(133-M282)	550.00
19.	ACTION 2000 MILWAUKEE, WI A FIVE YEAR ASSESSMENT OF MILWAUKEE GOAL 2000		
	MIL GRAD URBAN RESRCH CTR	(133-M617)	1,770.85
20.	ALDRICH CHEMICAL COMPANY MILWAUKEE, WI 53233 PREPARATION OF THREE CHEMICAL COMPOUNDS FOR THE PERIOD 07/20/88 THROUGH 10/30/88 MIL L&S CHEMISTRY	(133-N122)	2,925.00
21.	NEW YORK, N.Y. CAREER LINKS: A MIDDLE SCHOOL PROGRAM INTERVENTION FOR THE PERIOD OF 08/31/88 THROUGH 06/30	/89 (133-N127)	20,000.00
22.	AFFILIATE PROGRAM FOR WATERJET TECHNOLOG FOR THE PERIOD 07/01/88 THROUGH 06/30/89 MIL ENG&AS ADMINISTRATION		
	8,000.00 LADISH CUDAHY, WI 8,000.00 CHRYSLER MOTORS HIGHLAND PARK, MI		

16,000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

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RES	EARCH		
23.	MILWAUKEE, WI ENVIRONMENTAL CHEMICAL STUDIES	(133-N150)	1,779.00
24.	VARIOUS (NORDBERG INC) MILWAUKEE, WI COMPRESSION TESTS MIL ENG&AS CIVIL ENGINEER'G	(133-N194)	1,250.00
25.	AMERICAN INSTITUTE OF ARCHITECTS WASHINGTON, D. C. THE DEVELOPMENT OF AN ANNOTATED BUILDING SECURITY DESIGN RESEARCH BIBLIOGRAPHY MIL ARC&UP ARCH&U P RES CTR	(133-N2O3)	5,000.00
26.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI AN ECOLOGICAL SURVEY OF SUBMERSED MACROPI COMMUNITIES IN WALLACE LAKE, WASHINGTON OF WISCONSIN FOR THE PERIOD 06/15/88 THROUGH 01/01/89 AWARD # P.O. NRI 91492 MIL L&S BIOLOGICAL SCI	HYTE CO.,	2,400.00
27.	WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI ASSURING QUALITY IN HIGHWAY CONSTRUCTION FOR THE PERIOD 07/27/88 THROUGH 06/30/89 AWARD # TRH 11060 MIL ENG&AS IND & SYSTS ENGR		40,000.00
28.	UWM FOUNDATION ACCT. NO. 809 MILWAUKEE, WI DISCRETIONARY RESEARCH MIL ENG&AS CIVIL ENGINEER'G	(133-N242)	3,294.00
29.	TRUCK RESTRAINT TEST MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	
	270.00 COMPUTERIZED STRUCTURAL MILWAUKEE, WI 750.00 KELLEY COMPANY, INC. MILWAUKEE, WI	DESIGN, INC.	

1,020.00

STUDENT AID

1. UWM FOUNDATION, INC
MILWAUKEE, WI
ETTENHEIM, GEORGE P.--STUDENT ASSISTANCE (MILW)
MIL STU AF FINANCIAL AID FEL& SCHOL (TRUST) 390.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

2. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO33A84554

MIL STU AF FINANCIAL AID PROV'L&SUP (145-4189) 723,448.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATION OPPORTUNITY
GRANTS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84554
MIL STU AF FINANCIAL AID PROV'L&SUP (146-4026) 1,484,811.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PERKINS LOAN PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84554
MIL STU AF FINANCIAL AID PROV'L&SUP (LOANS) 319,888.00

5. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # RO63P87122
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B089) 3,650,880.00

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

1) PERKINS LOAN PROGRAM-ADMINISTRATIVE AFFAIRS
ADMINISTRATIVE ACCOUNT
FOR THE PERIOD 07-01-88 THROUGH 06-30-90
AWARD # PO38A84554
MIL ADM AF ASST CHAN OFFICE (144-AM27) 6,664.00

2) 1988-89 FINANCIAL AID-ADMINISTRATIVE ACCOUNT FOR THE PERIOD 07-01-88 THROUGH 06-30-90 MIL STU AF FINANCIAL AID PROV'L&SUP (144-AM44) 104,700.00

3) PATRICIA ROBERTS HARRIS FELLOWSHIP PROGRAM
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # PO94B80154
MIL GRAD DEAN'S OFFICE (144-AN35) 96,000.00

7. AMSTED INDUSTRIES, INC.
CHICAGO, IL
HIRAM WALKER SCHOLARSHIP
MIL STU AF FINANCIAL AID (133-5873) 500.00

TOTAL MILWAUKEE 8,213,652.74

EXTENSION AND PUBLIC SERVICE 58,000.00
INSTRUCTION 634,897.00
LIBRARIES 100.00
MISCELLANEOUS 195,706.74
RESEARCH 937,668.00
STUDENT AID 6,387,281.00

UNIVERSITY OF WISCONSIN - EAU CLAIRE

STUDENT AID

- 1. EDUCATION, DEPT OF
 WASHINGTON, DC
 COLLEGE WORK STUDY PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO33A84551
 EAU ST AST WORK-STUDY (145-9004) 955,820.00
- 2. EDUCATION, DEPT OF
 WASHINGTON, DC
 PELL GRANT FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # POO8802954
 EAU ST AST ED OPPOR GRANTS (148-9006) 2,423,720.00
- 3. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
 - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT
 FOR FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # POO7A84551
 EAU ST AST ED OPPOR GRANTS (144-9003) 661,024.00
- 2) PERKINS LOAN PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO38A84551
 EAU ST AST NATL DIR STU LNS (144-9005) 479,433.00

TOTAL EAU CLAIRE

4,519,997.00

STUDENT AID

4,519,997.00

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
VETERANS EDUCATION OUTREACH PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # QOO8812510
GBY REGSTR REGISTRAR

(144-AN52) 2,173.00

MISCELLANEOUS

 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN ARBORETUM DIRECTOR'S GRANT GBY COM PR GENERAL

(133-K756) 11,932.44

RESEARCH

1. AMERICAN SCIENTIFIC INTERNATIONAL, INC
MC LEAN, VA
PRIME CONTRACTOR WITH EPA
MEASURES OF PRODUCTIVE SUCCESS AND COMTAMINANT
CONCENTRATIONS IN COMMON AND FORSTER'S TERNS OF
GREEN BAY, LAKE MICHIGAN
FOR THE PERIOD O6-07-88 THROUGH 12-31-88
AWARD # AGR DTD O6-07-88
GBY I RES LAND&WATER STUDY (144-AL

(144-AL65) 14,450.00

2. J. V. MANUFACTURING COMPANY
DE PERE, WI
SPECIFICATIONS FOR ABSORBENT MATERIALS
GBY ENV SC NAT APP SC

(133-H518) 500.00

3. MULTIPLE DONORS
ENGINEERING TECHNOLOGY RESEARCH
GBY ENV SC NAT APP SC

(133-L756) 500.00

4. INDIANA UNIVERSITY
BLOOMINGTON, IN
MIDWEST UNIVERSITY CONSORTIUM FOR INTERNATIONAL
ACTIVITIES FOR THE PERIOD O8-01-87 THRU O7-31-89
AT A \$168,345 LEVEL
AWARD # P.O. #1707-6948
GBY PRF ST BUSINESS ADMIN (133-L93

(133-L935) 109,585.00

5. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC IMPACT FOR THE CENTRE FOR THE PERFORMING ARTS GBY PRF ST BUSINESS ADMIN

(133-M512) 46,250.00

6. METROPOLITAN SEWAGE DISTRICT GREEN BAY, WI EAST RIVER DEMONSTRATION PROJECT FOR THE PERIOD 06-01-88 THRU 05-31-89 GBY I RES LAND&WATER STUDY

(133-N202) 31,170.00

UNIVERSITY OF WISCONSIN - GREEN BAY

RESEARCH

7. THILMANY PULP AND PAPER
KAUKAUNA, WI
ENERGY EVALUATION OF BURNING BRIQUETTED PAPER
MILL SLUDGE
GBY ENV SC NAT APP SC (133-N223) 13,745.00

8. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FRANKENTHAL PROFESSORSHIP FOR THE PERIOD
07-01-88 THRU 06-30-93
GBY CR COM HUMANISTIC STU (133-N251) 50,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO33A84553
GBY ST AID FEL & SCHOL-ADG (145-5189) 370,317.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84553
GBY ST AID FEL & SCHOL-ADG (146-5027) 403,299.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P063P87120
GBY ST AID FEL & SCHOL-ADG (148-D089) 1,163,610.00

4. MULTIPLE DONORS
STUDENT FINANCIAL AID FUND-UWGB
GBY ST AID FEL & SCHOL-AOG

(133-6986) 25.00

TOTAL GREEN BAY 2,217,556.44

 INSTRUCTION
 2,173.00

 MISCELLANEOUS
 11,932.44

 RESEARCH
 266,200.00

 STUDENT AID
 1,937,251.00

UNIVERSITY OF WISCONSIN - LACROSSE

STUDENT AID

1. EDUCATION, DEPT OF WASHINTON, DC FY89 COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P033A84552 LAC STU AF FIN ASSIST TO ST (145-5500) 405,127.00

2. EDUCATION, DEPT OF WASHINGTON, DC FY89 SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P007A84552 LAC STU AF FIN ASSIST TO ST (146-5510) 339,786.00

3. EDUCATION, DEPT OF WASHINGTON, DC FY89 PERKINS LOAN PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P038A84552 LAC STU AF FIN ASSIST TO ST (LOANS) 217,149.00

4. EDUCATION, DEPT OF WASHINGTON, DC FY89 PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P063P87117 LAC STU AF FIN ASSIST TO ST

(148-5520) 1,932,360.00

TOTAL LACROSSE

2,894,422.00 -----------

STUDENT AID

2,894,422.00

397,355.00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WINNE-FOND LAKE CONSORTIUM
OSHKOSH, WI
PRIME CONTRACTOR WITH LABOR
MOTIVATE AFDC AND OTHER GENERAL RELIEF RECIPIENTS
WITH APPROPRIATE JOB SKILLS SO THAT SUCCESSFUL
JOB PLACEMENT IS OBTAINED
FOR THE PERIOD 07-01-88 THROUGH 12-31-88
AWARD # 8830WJ
OSH EDUC INSTRUCTION (144-4487) 69,600.00

INSTRUCTION

1. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
CHICAGO, IL
HEADSTART: FULL-YEAR, PART-DAY, HANDICAPPED
TRAINING AND TECHNICAL ASSISTANCE
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 05CH4232/22
OSH EDUC INSTRUCTION (144-4486)

RESEARCH

- NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) PROCESSING AND INTERPRETATION OF THE LAND-SEA
 DATA FROM 1986 GLIMPCS SEISMIC EXPERIMENT
 FOR THE PERIOD 07-15-88 THROUGH 12-31-89
 AWARD # EAR-8804359
 OSH L&S PHYS-ASTRONOMY (144-4484) 45,160.00
- 2) AN INTEGRATED INSTRUMENTATION PACKAGE FOR UNDERGRADUATE SEISMOLOGY FOR THE PERIOD 07-01-88 THROUGH 12-31-90 AWARD # USE-8852033 OSH L&S PHYS-ASTRONOMY (144-4485) 22,437.00

STUDENT AID

- 1. EDUCATION, DEPT OF
 WASHINGTON, DC
 COLLEGE WORK-STUDY PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO33A84555
 OSH STU A WORK STUDY (145-4522) 542,996.00
- 2. EDUCATION, DEPT OF
 WASHINGTON, DC
 SUPPLEMENTARY EDUCATIONAL OPPORTUNITY GRANT
 PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # POO7A84555
 OSH STU A ED OPPOR GRANTS (146-4631) 366,372.00

UNIVERSITY OF WISCONSIN - OSHKOSH

STUDENT AID

3. EDUCATION, DEPT OF
WASHINGTON, DC
PERKINS LOAN PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84555

OSH STU A NATL DIR STU LNS (LOANS) 14,491.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM FY88-89
FOR THE PERIOD O7-01-88 THROUGH 06-30-89
AWARD # P063A87123
OSH STU A ED OPPOR GRANTS

(148-4812) 1,980,860.00

TOTAL OSHKOSH

3,439,271.00

EXTENSION AND PUBLIC SERVICE 69,600.00 INSTRUCTION 397,355.00 RESEARCH 67,597.00 STUDENT AID 2,904,719.00

UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1. CORPORATE IMAGES, INC.
RACINE, WI
VICE-PRESIDENT-MARKETING AND PLANNING (VPMP)
FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880) 500.00

RESEARCH

- 1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
 BETHESDA, MD
 ACQUISITION OF LANGUAGE IN DIFFERENT SOCIAL
 CONTEXTS
 FOR THE PERIOD 08-01-88 THROUGH 07-31-89
 AWARD # 5 RO1 HD20936-03
 PKS SC&SOC BEHAVIORAL SCI PSYCHOLOGY (144-AP06) 52,138.00
- 2. DDD, NAVY
 ARLINGTON, VA
 ELECTROMAGNETIC FIELD EFFECTS ON GENE
 EXPRESSION IN E. COLI
 FOR THE PERIOD 06-01-87 THROUGH 09-30-88
 AT A TOTAL COST OF \$154,223.00
 AWARD # NO0014-87-K-0380, MOD. 2
 PKS SC&SOC SCIENCE BIOLOG SCI (144-Z617) 30,399.00
- 3. IIT RESEARCH INSTITUTE
 CHICAGO, IL
 PRIME CONTRACTOR WITH DOD NAVY
 A STUDY OF THE EFFECT OF EXPOSING THE SLIME MOLD
 PHYSARUM POLYCEPHALEN TO ELECTRO MAGNETIC FIELDS
 AT THE CLAM LAKE TEST FACILITY
 FOR THE PERIOD 11-01-87 THROUGH 10-31-88
 AT A TOTAL COST OF \$53,059.00
 AWARD # E06595-88-C-009, MOD. 3
 PKS SC&SOC SCIENCE BIOLOG SCI (144-AD71) 17,686.00
- 4. CONNECTICUT (STATE OF)
 DEPT. OF ECONOMIC DEVELOPMENT
 HARTFORD, CT
 A SYSTEM TO MEASURE THE ECONOMIC IMPACT OF
 TRAVEL & TOURISM ACTIVITY IN THE STATE OF
 CONNECTICUT USING THE TRAITS 11 ECONOMIC IMPACT
 MODEL
 PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-N250) 30,000.00
- 5. MULTIPLE DONORS
 CENTER FOR SURVEY AND MARKETING RESEARCH
 PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-N258) 500.00

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO33A84556
PKS BUS SV FELLOWS & SCHOLS

(145-3189) 148,190.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84556
PKS BUS SV FELLOWS & SCHOLS (1)

(146-3027) 388,988.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84556
PKS SL&W-S STUDENT LOANS

(LOANS) 82,983.00

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

1) PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,095,842.00
AWARD # POO8803238, MOD. 6
PKS BUS SV FELLOWS & SCHOLS

(148-G088) 11,327.00

2) PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO63P87124
PKS BUS SV FELLOWS & SCHOLS

(148-G089) 725,000.00

5. MULTIPLE DONORS
MUSIC SCHOLARSHIPS
PKS BUS SV FELLOWS & SCHOLS

(133-C489) 10.00

6. MULTIPLE DONORS
SCIENCE DIVISION FACULTY SCHOLARSHIP
PKS BUS SV FELLOWS & SCHOLS

(133-G071) 301.00

7. MULTIPLE DONORS
ACCOUNTING PROGRAM SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS

(133-G954) 75.00

TOTAL PARKSIDE

1,488,097.00

MISCELLANEOUS RESEARCH STUDENT AID 500.00 130,723.00 1,356,874.00

UNIVERSITY OF WISCONSIN - PLATTEVILLE

RESEARCH

1. VALLEY TRUST COMPANY
RICHLAND CENTER, WI
BREWER, KEITH A. ESTATE
BREWER, A. KEITH--MEMORIAL FUND (PLT)
PLT ART&SC BIOLOGY

(TRUST) 25,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P033A84557
PLT ST AST WORK-STUDY

(145-0416) 549,085.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT
PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84557
PLT ST AST ED OPPOR GRANTS

(146-0415) 284,223.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
PERKINS LOAN PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84557
PLT ST AST NATL DIR STU LNS

(LDANS) 67,753.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P063P87125
PLT ST AST BEOG PROGRAM

(148-0417) 1,539,580.00

TOTAL PLATTEVILLE

2,465,641.00

RESEARCH STUDENT AID 25,000.00 2,440,641.00

UNIVERSITY OF WISCONSIN - RIVER FALLS

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM FY88-89
FOR THE PERIOD O7-01-88 THROUGH 06-30-89
AWARD # PO33A84558
RVF ST AST WORK-STUDY

(145-0779) 356,388.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM FY88-89
FOR THE PERIOD O7-01-88 THROUGH O6-30-89
AWARD # POO7A84558
RVF ST AST SUPPL ED OPP GTS (144)

(146-0785) 287,059.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
PERKINS LOAN PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO38A84558
RVF ST AST NATL DIR STU LNS

(LOANS) 187,064.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM FY88-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
RVF ST AST PELL GRANT PROG

(148-0790) 1,480,140.00

TOTAL RIVER FALLS

2,310,651.00

STUDENT AID

2,310,651.00

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
ISOLATION AND CHARACTERIZATION OF A NEMATODE
SPERM-ACTIVATING SUBSTANCE
FOR THE PERIOD 04-19-88 THROUGH 02-28-89
AWARD # DCB-8610475, MOD. 3
STP COLS BIOLOGY (144-5322)

(144-5322) 3,900.00

STUDENT AID

- 1. EDUCATION, DEPT OF
 WASHINGTON, DC
 COLLEGE WORK-STUDY PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO33A84550
 STP STU LI FINANCIAL AIDS WORK-STUDY (145-2221) 893,731.00
- 2. EDUCATION, DEPT OF
 WASHINGTON, DC
 SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
 PROGRAM FY88-89
 FOR THE PERIOD O7-O1-88 THROUGH O6-30-89
 AWARD # POO7A84550
 STP STU LI FINANCIAL AIDS ED OPP GTS (146-2206) 603,333.00
- 3. EDUCATION, DEPT OF
 WASHINGTON, DC
 PERKINS LOAN PROGRAM FY88-89
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # PO38A84550
 STP STU LI FINANCIAL AIDS N DIR ST L (LOANS) 591,684.00
- 4. EDUCATION, DEPT OF
 WASHINGTON, DC
 PELL GRANT PROGRAM
 FOR THE PERIOD 07-01-87 THROUGH 06-30-88
 AWARD # PO08802959, MOD. 2
 STP STU LI FINANCIAL AIDS BASIC OP G (148-2209) 2,126,343.00

TOTAL STEVENS POINT 4,218,991.00

RESEARCH STUDENT AID 3,900.00 4,215,091.00

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
ADDITIONAL SUPPORT FOR THE PROGRAM FOR
INDEPENDENT LIVING FOR HEARING IMPAIRED SERVICES
FOR THE PERIOD 10-12-88 THROUGH 12-31-88
AWARD # FEI15073PO, MOD. 2
STO ED&H S (144-0517)

6,619.07

2. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
DEVELOPMENT OF INTERACTIVE VIDEO AND MEDIATED
INSTRUCTION FOR METHODS OF VOCATIONAL EDUCATION
COURSES IN THE SPIRAL CURRICULUM
FOR THE PERIOD O7-01-87 THROUGH O6-30-88
AWARD # 30-102-150-408, MOD. 1
STO 1&TECH IND & MARKETG ED (144-0550)

2,000.00

3. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DED PROJECTS WITH INDUSTRY TRAINING/PLACEMENT PROGRAM (EXTENSION) FOR THE PERIOD 10-01-87 THROUGH 09-30-88 STO ED&H S

(144-0632) 15,000.00

4. WALK EASE MANUFACTURING
COLFAX, WI
WALK EASE MANUFACTURING PROJECT
FOR THE PERIOD 07-01-87 THRU 06-30-88
STO I&TECH CTR INVTN&DEVEL

(133-0314) 2,213.41

5. HORTON SYSTEMS, INC
MENOMONIE, WI
DEVELOP COST EFFECTIVE MANUFACTURING TECHNIQUES
AND METHODS FOR MANUFACTURING AND INSTALLING
DURAMATIC SERIES 30 ROBOTS, DURAPAC SERIES 10
AND CONTROLLER
FOR THE PERIOD 07-01-87 THRU 06-30-88
STO I&TECH INDUSTRIAL MGMNT IND MGMNT (133-0349)

3,750,70

6. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR TRAVEL EXPENSES OF SIT PERSONNEL
FOR THE PERIOD 07-01-87 THRU 06-30-88
STO I&TECH SCH-IND&TECH ADM (133-0360) 17,700.00

7. CONCAD TECHNOLOGIES, INC
ELK MOUND, WI
INCUBATOR AGREEMENT WITH CONCAD TECHNOLOGIES,
INC AND UW-STOUT
FOR THE PERIOD O7-01-87 THRU 06-30-88
STO I&TECH INDUSTRIAL MGMNT IND MGMNT (133-

(133-0409) 7,631.15

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

8. DOBOY PACKAGING MACHINERY, INC NEW RICHMOND, WI EXTENDED DEVELOPMENT OF PRODUCTION ASSEMBLY METHODS AND VALIDATION AND REVISION OF ASSEMBLY MANUALS FOR PACKAGING SEALING MACHINES AND **GEARBOXES** FOR THE PERIOD 07-01-87 THRU 12-17-87 AWARD # 9192-1-A-88, MOD. 1 STO I&TECH INDUSTRIAL MGMNT IND MGMNT

(133-0412) 13,790.00

9. KIMBERLY CLARK NEENAH, WI APPAREL DESIGN WORKSHOP FOR KIMBERLY CLARK FOR THE PERIOD 07-01-88 THRU 09-30-88 AWARD # 04229915K STO H ECON APPAREL, TEX&DES

(133-0634) 6,680.00

10. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI FUNDS FOR USE BY CONTINUING EDUCATION OFFICE FOR THE PERIOD 07-01-87 THRU 06-30-88 STO ET&PS EXTENSION ADMIN NON-CR OTR (133-0690)

7,330.32

11. SUPPORT FOR THE ANNUAL APPLIED MATH CONFERENCE FOR THE PERIOD 07-01-87 THRU 06-30-88 STO LIB ST MATHEMATICS AP M-P DIR (133-0706)

> 500.00 J. C. PENNEY MILWAUKEE, WI 450.00 A. O. SMITH MAILWAUKEE, WI AID ASSOCIATION FOR LUTHERANS 300.00 APPLETON, WI WAUSAU INSURANCE COMPANIES 400.00 WAUSAU, WI 500.00 XEROX CORPORATION STAMFORD, CT

> > 2,150.00

47,400.00

INSTRUCTION

- 1. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) M.S. IN VOCATIONAL EDUCATION/SPECIAL NEEDS CONCENTRATION - ADMINISTRATION FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # G008635075-88 STO ED&H S EDUCATION (144-0606)

2) SCHOOL PSYCHOLOGISTS AND VOCATIONAL EVALUATION FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # GOO8715557-88 STO ED&H S COUNSL & PSY SV (144-0625) 50,346.00

38,440,00

GIFTS, GRANTS AND CONTRACTS SEPTEMBER 9, 1988

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

3)	UNDERGRADUATE INTERNATIONAL STUDIES PROGRAM	
	FOR THE PERIOD 07-01-88 THROUGH 08-31-89	
	AWARD # GOO8740503-88	
	STO LIB ST SOCIAL SCIENCE (144-0654)	

2. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI SUPPORT FOR MANUFACTURING LABORATORY FOR THE PERIOD 07-01-87 THRU 06-30-88 STO I&TECH INDUSTRIAL MGMNT IND MGMNT

(133-0306) 468.00

3. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI SUPPORT FOR THE ESL RESOURCE CENTER FOR THE PERIOD 09-01-88 THRU 05-30-89 STO LIB ST ENGLISH

(133-0388) 3,000.00

4. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR PURCHASE OF INSTRUCTIONAL EQUIPMENT
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO I PR D SPL ED PROJECTS (133-04

(133-0417) 15,000.00

5. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI PACKAGING MACHINERY MANUFACTURER'S INSTITUTE PROFESSORSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 STO I&TECH MATLS & PROCS'S MAT & PROC

(133-0419) 50,000.00

MISCELLANEOUS

- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) STUDENT SUPPORT SERVICES--ASPIRE
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # GOO8740636-88
 STO G E A STU AFF & COUNSL A CH-ST SV (144-0618) 129,600.00
- 2) UW-STOUT TALENT SEARCH PROGRAM
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # PO44A80087
 STO G E A STU AFF & COUNSL A CH-ST SV (144-0624) 115,000.00
- 2. SUPPORT OF CO-OP PROGRAM SUPPLIES/TRAVEL FOR THE PERIOD 07-01-87 THRU 06-30-88 STO G E A STU AFF & COUNSL ST CO ED-P (133-0222)

WARNER BRAKE AND CLUTCH 500.00 SOUTH BELOIT, IL 225.00 MCGILL JENSEN MINNEAPOLIS, MN DAY'S INNS OF AMERICA 100.00 ATLANTA, GA 500.00 HONEYWELL, INC MINNEAPOLIS, MN WYATT CAFETERIAS, INC 125.00 DALLAS, TX WEST PUBLISHING 200.00 EAGAN, MN MTS SYSTEMS CORPORATION 300.00 MINNEAPOLIS, MN

UNIVERSITY OF WISCONSIN - STOUT

MISCELLANEOUS

2. SUPPORT OF CO-OP PROGRAM FOR SUPPLIES/TRAVEL FOR THE PERIOD 07-01-87 THRU 06-30-88 STO G E A STU AFF & COUNSL ST CO ED-P (133-0222)

> MARRIOTT HOTEL 100.00 AUSTIN, TX MARRIOTT CORPORATION 7,500.00 WASHINGTON, DC 1,000.00 RED ROOF INNS HILLARD, OH TARGET STORES 1,000.00 FRIDLEY, MN PIERCE MANUFACTURING COMPANY 1.000.00 APPLETON, WI NATIONAL PRESTO INDUSTRY FOUNDATION 18,000.00 EAU CLAIRE, WI

> > 30,550.00

3. TARGET CORPORATION
MINNEAPOLIS, MN
FUNDS FOR CAPITAL EQUIPMENT PURCHASES
FOR THE PERIOD 07-01-87 THRU 06-30-88
AWARD # 7157-1-A-88
STO G E A STU AFF & COUNSL PLACEMENT (

CEMENT (133-0370) 5,000.00

4. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI SUPPORT OF THE ORAL HISTORY PROJECT FOR THE PERIOD 07-01-87 THRU 06-30-88 STO LIB RE AREA RES CENTER

(133-0415) 399.84

5. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR CURRICULUM DEVELOPMENT
FOR THE PERIOD 07-01-88 THRU 06-30-89
AWARD # 6202-1-A-89
STO C R&GS CUR RES & GRAD S CUR DEVELO

(133-0423) 5,000.00

6. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR THE LOUIS SMITH TAINTER
HOUSE RESTORATION
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO G E A SPECIAL SERVICES UNIV DEVEL (133-0460)

7. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
PILOT PROJECT TO DEVELOP LONG TERM COUNSELING
AND PROGRAMMING FOR THE LEARNING DISABLED
UNIVERSITY STUDENTS
FOR THE PERIOD O8-15-88 THRU O5-30-89
AWARD # 4351-1-A-88
STO ED&H S COUNSL & PSY SV (133-

(133-0506) 5,962.00

1,000.00

UNIVERSITY OF WISCONSIN - STOUT

MISCELLANEOUS

8. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR THE UW-STOUT EDUCATIONAL
DEVELOPMENT OFFICE
FOR THE PERIOD 07-01-87 THRU 06-30-88
STO G E A SPECIAL SERVICES UNIV DEVEL (133-0563) 140,112.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
EVALUATION OF CARL PERKINS AND EDUCATION
FOR EMPLOYMENT PROGRAMS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PAIOO165
STO 1&TECH CTR FOR VTAE CTR VTAE

CTR VTAE (144-0534) 214,183.00

2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
CESA SUPPORT AND NETWORKING PROJECT
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PAIO0392
STO I&TECH CTR FOR VTAE CVTAE-RES

VTAE CVTAE-RES (144-0535) 46,629.00

3. DOD, ARMY
VICKSBURG, MS
RESEARCH OF ALGAE AND SUBMERSED AQUATIC
VEGETATION AT EAU GALLE RESERVOIR
FOR THE PERIOD 05-26-88 THROUGH 05-25-90
STO LIB ST BIOLOGY

(144-0560) 6,241.95

4. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI SUPPORT FOR CENTER FOR INNOVATION AND DEVELOPMENT FOR THE PERIOD 07-01-87 THRU 06-30-88 STO I&TECH CTR INVTN&DEVEL

(133-0267) 1,160.57

5. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR THE STUDENT ARTIST IN RESIDENCE
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO LIB ST ART PROGRAM DIR (133

(133-0372) 3,240.00

6. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI SUPPORT FOR MARKET RESEARCH STUDY FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # CK 7860 STO I&TECH BUSINESS

(133-0466) 10,830.01

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK-STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P033A84546 (145-0491) 592,930.00 STO ST AST WORK-STUDY

2. EDUCATION, DEPT OF WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P007A84546

STO ST AST ED OPPOR GRANTS (146-0863) 442,733.00

3. EDUCATION, DEPT OF WASHINGTON, DC PERKINS LOAN PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P038A84546 STO ST AST NATL DIR STU LNS

(LOANS .) 1,376,682.00

4. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P063P87128 STO ST AST BEOG PROGRAM

(148-0862) 2,033,520.00

EDUCATION, DEPT OF WASHINGTON, DC M.S. IN VOCATIONAL EDUCATION/SPECIAL NEEDS CONCENTRATION - STUDENT STIPEND FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # G008635075-88 STO ED&H S EDUCATION

(144-0607) 4,174.00

6. SEMICONDUCTOR SAFETY ASSOCIATION SCOTTSDALE, AZ STUDENT SCHOLARSHIPS FOR THE PERIOD 07-01-87 THRU 06-30-88

STO I&TECH INDUSTRIAL MGMNT LOSS CON C (133-0457) 1,000.00

7. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN EDUCATION FOR ECONOMIC SECURITY ACT (EESA), TITLE II MINORITY SCHOLARSHIP FUND - PRECOLLEGIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 7144-1-B-88 STO G E A STU AFF & COUNSL ETHNIC PRG (133-0748) 10,641.00

> TOTAL STOUT 5,466,107.02 -----------

EXTENSION AND PUBLIC SERVICE 84,864.65 INSTRUCTION 204,654.00 432,623.84 **MISCELLANEOUS** 282.284.53 RESEARCH STUDENT AID 4,461,680.00

UNIVERSITY OF WISCONSIN - SUPERIOR

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # POO8814559
SUP ST AST WORK-STUDY

(145-0393) 226,544.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # POO8834559
SUP ST AST ED OPPOR GRANTS (14

(146-0392) 157,827.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # POO8802960
SUP ST AST BEOG PROGRAM

(148-0391) 1,149,945.00

TOTAL SUPERIOR

1,534,316.00

STUDENT AID

1,534,316.00

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NEA
"SALTHOUSE". PUBLICATION OF EXPERIMENTAL
HISTORICAL POETRY AND FICTION, ESSAYS AND
REVIEWS ON CURRENT POEMS
FOR THE PERIOD 06-01-88 THROUGH 07-31-89
AWARD # FY89-250-10584
WTW L&S ENGLISH (

(144-1104) 595.00

MISCELLANEOUS

- 1. EDUCATION, DEPT OF
 WASHINGTON, DC
 PROJECT "HAPPEN" DEVELOP A MODEL DEMONSTRATION
 PROGRAM FOR HIGH SCHOOL STUDENTS WITH
 LEARNING DISABILITIES
 FOR THE PERIOD 09-01-88 THROUGH 08-31-89
 AWARD # GOO8730098-88
 WTW EDUC SPECIAL EDUC SPEC EDUC (144-1106) 74,395.00
- 2. SOUTH CENTRAL WISCONSIN S.D.A. PRIVATE
 INDUSTRY COUNCIL, INC
 PORTAGE, WI
 PRIME CONTRACTOR WITH LABOR
 PATH TO EMPLOYMENT JOB TRAINING AND WORK
 EXPERIENCE FOR DISABLED STUDENTS
 FOR THE PERIOD 04-01-88 THROUGH 09-30-88
 AWARD # 881535
 WTW G E A ASST CHAN-STU SV DISABL S S (144-1061) 31,420.00
- 3. NATIONAL ASSOCIATION FOR FOREIGN STUDENT AFFAIRS
 WASHINGTON, DC
 GIVING AN ASIAN PERSPECTIVE AS EXEMPLIFIED BY
 CERTAIN COUNTRIES TO THE UW-WHITEWATER FOR
 CREATING GLOBAL AWARENESS
 FOR THE PERIOD 09-01-88 THRU 05-15-89
 WTW G E A ASST CHAN-STU SV INTL STU P (133-1102) 3,650.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
STUDY OF SUPPLY AND DEMAND OF
WISCONSIN CLASSROOM TEACHERS
AWARD # PAI OO512
WTW EDUC SPECIAL EDUC SPEC EDUC (144-1107) 11,913.00

UNIVERSITY OF WISCONSIN - WHITEWATER

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P033A84561
WTW ST AST WORK-STUDY

(145-0530) 466,858.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84561
WTW ST AST ED OPPOR GRANTS (146-0342) 496,553.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
PERKINS LOAN PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89

AWARD # PO38A84561 WTW ST AST NATL DIR STU LNS

(LOANS) 1,473,617.00

4. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT AUTHORIZATION FOR 1988-89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
WTW ST AST FED AID - BEOG

(148-0984) 3,000,000.00

TOTAL WHITEWATER

5,559,001.00

EXTENSION AND PUBLIC SERVICE 595.00
MISCELLANEOUS 109,465.00
RESEARCH 11,913.00
STUDENT AID 5,437,028.00

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

INSTRUCTION

1. RICHLAND COUNTY CAMPUS FOUNDATION
RICHLAND COUNTY, WI
FACULTY & STAFF PROFESSIONAL DEVELOPMENT
CNS RICH ADMINISTRATION PRF DEV (133-M129) 500.00

MISCELLANEOUS

WASHINGTON, DC	
SPECIAL SERVICES FOR DISADVANTAGED STUDENTS	
FOR THE PERIOD 09-01-88 THROUGH 08-31-89	
AWARD # GOO8740630-88	
CNS SYS SV STUDENT SERVICES MD. PRGS (14	44-AM69) 199,040.00

2.	WISCONSIN HUMANITIES COMMITTEE MADISON. WI	
	PRIME CONTRACTOR WITH NEH	
	LATIN AMERICA: THE OTHER AMERICA	
	FOR THE PERIOD 08-05-88 THROUGH 11-30-88	
	AWARD # FY88-42(P)	
	CNS MARIN GEOGRAPHY (144-AN82)	

378.00

3. MULTIPLE DONORS DRAMA DONOR FUND			
CNS MARSH STUDENT AF	FAIRS DRAMA PROD	(133-L410)	5,000.00

	CNS MARSH STUDENT	AFFAIRS	MUSIC PROD	(133-M465)	1,000.00
	MUSIC CLINIC				
	MARSHFIELD, WI				
4.	FIGIS INC.				

5.	COUNCIL OF WISCONSIN	LIBRARIES, INC.	
	MADISON, WI		
	SUPPLIES AND EXPENSE	SUPPORT	
	CNS MARIN LIBRARY	MATERIALS (133-N142)	325.00

6.	WISCONSIN ARTS BOARD			
	MADISON, WI			
	JACK YOUNGERMAN PROGRA	AMS		
	FOR THE PERIOD 04-14-	38 THRU 04-15-89		
	CNS FD LAC ART		(133-N189)	1,500.00

7.	VERHULST (J.P.) FOUNDATION	
	SHEBOYGAN, WI	
	UWC - SHEBOYGAN MUSIC COMPUTE	R LAB (FA-111)
	CNS SHEBOY MUSIC	(133-N224) 17,000.00

8. WISCONSIN ARTS BOARD		
MADISON, WI		
WILDERNESS UNIVERSITY ARTIST	Γ IN RESIDENCE	
CNS WAUK STUDENT AFFAIRS	LECT & F A (133-N259)	1,500.00

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

RESEARCH

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
FRANK LLOYD WRIGHT: A MAN BEFORE HIS TIME
FOR THE PERIOD 08-01-88 THROUGH 12-31-88
AWARD # FY88-31(H)
CNS MANIT LIBERAL STUDIES LIBERAL ST (144-AN53)

888.80

2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
BLACK HISTORY MONTH CELEBRATION
FOR THE PERIOD 07-11-88 THROUGH 03-31-89
AWARD # FY88-30(L)
CNS MARATH ADMINISTRATION

1,371.90

STUDENT AID

1. SCHOLARSHIP OF ONE HALF TUITION FOR TWO SECOND YR STUDENTS MAJORING IN BUSINESS AND/OR ECONOMICS WITH ONE SCHOLARSHIP AT UW CTR SHEBOYGAN AND ONE SCHOLARSHIP AT WU CTR FOND DU LAC. RECIPIENT SELECTED BY THE DEAN. RINDT, KENNETH E.--MEMORIAL FUND(CNS) CNS FD LAC BUSINESS ADMIN (TRUST

(TRUST) 3,600.00

(144-AN68)

2. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO33A84553 CNS

(145-7189) 206,022.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # POO7A84553
CNS (14

(146-7027) 232,275.00

- 4. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
 - 1) PELL GRANT PROGRAM
 (REDUCTION IN GRANT FUNDS)
 FOR THE PERIOD 07-01-86 THROUGH 06-30-87
 AT A TOTAL COST OF \$2,315,674.00
 AWARD # POO8702949, MOD. 10
 CNS (148-R087)

694.00-

2) PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PO63P87118
CNS (

(148-R089) 1,755,320.00

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

5. UW-SHEBOYGAN COUNTY FOUNDATION
SHEBOYGAN, WI
SCHOLARSHIPS FOR UWC-SHEBOYGAN COUNTY STUDENTS
CNS SHEBOY STUDENT AFFAIRS FELL & SCH (133-N240) 3,100.00

6. UNIVERSITY OF WISCONSIN MARINETTE FOUNDATION
MARINETTE, WI
TALENTSHIPS FOR UWC-MARINETTE STUDENTS
CNS MARIN STUDENT AFFAIRS FELL & SCH (133-N280) 4,422.50

TOTAL CENTER SYSTEM 2,432,549.20

 INSTRUCTION
 500.00

 MISCELLANEOUS
 225,743.00

 RESEARCH
 2,260.70

 STUDENT AID
 2,204,045.50

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. CITY OF MILWAUKEE
MILWAUKEE, WI
PRIME CONTRACTOR WITH HUD
SHOOTS 'N ROOTS URBAN GARDEN PROGRAM
FOR THE PERIOD O6-01-88 THROUGH O5-31-89
AWARD # CPB 88-227FS
EXT COOP E CO&AREA OFC-S E

(144-AJO2) 35,000.00

2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E RURAL LEADERSHIP

(133-H773) 20,000.00

3. MULTIPLE DONORS
TWO-COUNTY SUPPORT FOR SHARED HOME ECONOMIST
FOR THE PERIOD 01-01-87 THRU 12-31-87
EXT COOP E CO&AREA OFC-WEST (13:

(133-L226) 54.80

4. FY 89 PROGRAM UNDERWRITING
EXT TELCOM WHA TELEVISION (133-M807)

1,100.00 ORANGE TREE IMPORTS
MADISON, WI
1,470.00 DAVID PAUL GALLERI
MADISON, WI
4,000.00 STOUGHTON TRAILERS, INC.
STOUGHTON, WI

6,570.00

5. CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC
THE WINDS OF CHANGE: THE INDIAN'S ESTATE FOR THE PERIOD 01-01-88 THRU 01-31-89
AWARD # 2136/10458
EXT TELCOM WHA TELEVISION (

(133-M827) 160,000.00

6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUPPORT OF PROGRAMMING BY UW-EXTENSION IN THE
AREA OF EXONOMIC DEVELOPMENT
EXT COOP E COM,N RSRC&EC DV C,N R& E D (133-N146) 1,200.00

7. UNIVERSITY EXTENSION LEAGUE
MADISON, WI
RALPH MCCANSE MEMORIAL FUND
EXT G EXT INDEPENDNT STUDY INDPND STU (133-N147) 288.36

MISCELLANEOUS

1. LOCKE, CARROLL DAY
RIVERSIDE, CA
WISCONSIN HUMANITIES COMMITTEE (EXT)
EXT GEA SV W HUMANITIES COM

(TRUST) 250.00

TOTAL EXTENSION 223,363.16

EXTENSION AND PUBLIC SERVICE 223,113.16
MISCELLANEOUS 250.00

SECTION 1. Chapter UWS 14 is created to read:

UWS 14

STUDENT ACADEMIC DISCIPLINARY PROCEDURES

UWS 14.01 STATEMENT OF PRINCIPLES: The board of regents, administrators, faculty, academic staff and students of the university of Wisconsin system believe that academic honesty and integrity are fundamental to the mission of higher education and of the university of Wisconsin system. The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.

UWS 14.02 DEFINITIONS. In this chapter:

- (1) "Academic misconduct" means an act described in s. UWS 14.03.
- (2) "Academic misconduct hearing committee" means the committee or hearing examiner appointed pursuant to s. UWS 14.15 to conduct hearings under s. UWS 14.08.
 - (3) "Chancellor" means the chancellor or designee.
 - (4) "Days" means calendar days.
- (5) "Disciplinary file" means the record maintained by the student affairs officer responsible for student discipline.
- (6) "Disciplinary probation" means a status in which a student may remain enrolled in the university only upon the condition that the student complies with specified standards of conduct for a specified period of time, not to exceed two semesters.
- (7) "Disciplinary sanction" means any action listed in s. UWS 14.04 taken in response to student academic misconduct.
- (8) "Expulsion" means termination of student status with resultant loss of all student rights and privileges.
- (9) "Hearing examiner" means an individual appointed by the chancellor in accordance with s. UWS 14.15 for the purpose of conducting a hearing under s. UWS 14.08.
- (10) "Institution" means any university or center, or organizational equivalent designated by the board.

- (11) "Instructor" means the faculty member or instructional academic staff member who has responsibility for the overall conduct of a course and ultimate responsibility for the assignment of the grade for the course.
- (12) "Investigating officer" means an individual, or his or her designee, appointed by the chancellor of each institution to carry out certain responsibilities in the course of investigations of academic misconduct under this chapter.
- (13) "Student" means any person who is registered for study in an institution for the academic period in which the misconduct occurred.
- (14) "Student affairs officer" means the dean of students or student affairs officer designated by the chancellor to carry out duties described in this chapter.
- (15) "Suspension" means a loss of student status for a specified length of time, not to exceed two years, with resultant loss of all student rights and privileges.
- UWS 14.03 ACADEMIC MISCONDUCT SUBJECT TO DISCIPLINARY ACTION. (1) Academic misconduct is an act in which a student:
 - (a) Seeks to claim credit for the work or efforts of another without authorization or citation:
 - (b) Uses unauthorized materials or fabricated data in any academic exercise;
 - (c) Forges or falsifies academic documents or records;
 - (d) Intentionally impedes or damages the academic work of others;
 - (e) Engages in conduct aimed at making false representation of a student's academic performance; or
 - (f) Assists other students in any of these acts.
- (2) Examples of academic misconduct include, but are not limited to: cheating on an examination; collaborating with others in work to be presented, contrary to the stated rules of the course; submitting a paper or assignment as one's own work when a part or all of the paper or assignment is the work of another; submitting a paper or assignment that contains ideas or research of others without appropriately identifying the sources of those ideas; stealing examinations or course materials; submitting, if contrary to the rules of a course, work previously presented in another course; tampering with the laboratory experiment or computer program of another student; knowingly and intentionally assisting another student in any of the above, including assistance in an arrangement whereby any work, classroom performance, examination or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed.
- UWS 14.04 <u>DISCIPLINARY SANCTIONS</u>. (1) The following are the disciplinary sanctions that may be imposed for academic misconduct in accordance with the procedures of ss. UWS 14.05, 14.06 or 14.07:

- (a) An oral reprimand;
- (b) A written reprimand presented only to the student;
- (c) An assignment to repeat the work, to be graded on its merits;
- (d) A lower or failing grade on the particular assignment or test;
- (e) A lower grade in the course;
- (f) A failing grade in the course;
- (g) Removal of the student from the course in progress;
- (h) A written reprimand to be included in the student's disciplinary file;
- (i) Disciplinary probation; or
- (j) Suspension or expulsion from the university.
- (2) One or more of the disciplinary sanctions listed in sub. (1) may be imposed for an incident of academic misconduct.
- UWS 14.05 PROCEDURES: DISCIPLINARY SANCTION IMPOSED AT THE DISCRETION OF THE INSTRUCTOR. (1) Where an instructor concludes that a student enrolled in one of his or her courses has engaged in academic misconduct in the course, the instructor for that course may impose one or more of the following disciplinary sanctions, as listed under s. UWS 14.04(1)(a) through (c):
 - (a) An oral reprimand;
 - (b) A written reprimend presented only to the student; or
 - (c) An assignment to repeat the work, to be graded on its merits.
- (2) No disciplinary sanction may be imposed under this section unless the instructor promptly offers to discuss the matter with the student. The purpose of this discussion is to permit the instructor to review with the student the bases for his or her belief that the student engaged in academic misconduct, and to afford the student an opportunity to respond.
- (3) A student who receives a disciplinary sanction under this section has the right to a hearing before the academic misconduct hearing committee under s. UWS 14.08 to contest the determination that academic misconduct occurred, or the disciplinary sanction imposed, or both. If the student desires such a hearing, he or she must file a written request with the student affairs officer within 10 days of imposition of the disciplinary sanction by the instructor.
- UWS 14.06 PROCEDURES: DISCIPLINARY SANCTION IMPOSED FOLLOWING A REPORT OF ACADEMIC MISCONDUCT BY THE INSTRUCTOR. Where an instructor believes that a student enrolled in one of his or her courses has engaged in academic misconduct and the sanctions listed under s. UWS 14.04(1)(a) through (c) are inadequate or inappropriate, the instructor may proceed in accordance with this section to impose, subject to hearing rights in s. UWS 14.08, one or more of the disciplinary sanctions listed under s. UWS 14.04(1)(d) through (h).
- (1) CONFERENCE WITH STUDENT. When an instructor concludes that proceedings under this section are warranted, the instructor shall promptly offer to discuss the matter with the student. The purpose of

this discussion is to permit the instructor to review with the student the bases for his or her belief that the student engaged in academic misconduct, and to afford the student an opportunity to respond.

- (2) DETERMINATION BY THE INSTRUCTOR THAT NO ACADEMIC MISCONDUCT OCCURRED. If, as a result of a discussion under sub. (1), the instructor determines that academic misconduct did not in fact occur or that no disciplinary sanction is warranted under the circumstances, the matter will be considered resolved without the necessity for further action or a written report.
- (3) PROCESS FOLLOWING DETERMINATION BY THE INSTRUCTOR THAT ACADEMIC MISCONDUCT OCCURRED. (a) If, as a result of a discussion under sub. (1), the instructor determines that academic misconduct did occur and that one or more of the disciplinary sanctions listed under s. UWS 14.04(1)(d) through (h) should be recommended, the instructor shall prepare a written report so informing the student, which shall contain the following:
 - 1. A description of the misconduct;
 - 2. Specification of the sanction recommended;
 - 3. Notice of the student's right to request a hearing before the academic misconduct hearing committee; and
 - 4. A copy of the institutional procedures adopted to implement this section.
 - (b) The written report shall be delivered personally to the student or be mailed to the student by regular first class United States mail at his or her current address, as maintained at the institution. In addition, copies of the report shall be provided to the institution's student affairs officer and to others authorized by institutional procedures.
 - (c) A student who receives a written report under this section has the right to a hearing before the academic misconduct hearing committee under s. UWS 14.08 to contest the determination that academic misconduct occurred, or the choice of disciplinary sanction, or both. If the student desires the hearing before the academic misconduct hearing committee, the student must file a written request with the student affairs officer within 10 days of personal delivery or mailing of the written report. If the student does not request a hearing within this period, the determination of academic misconduct shall be regarded as final, and the disciplinary sanction recommended shall be imposed.
- (4) PROCESS FOLLOWING DETERMINATION BY THE INSTRUCTOR THAT DISCIPLINARY PROBATION, SUSPENSION OR EXPULSION MAY BE WARRANTED.
 (a) If, as a result of a discussion under sub. (1), the instructor determines that academic misconduct did occur and that disciplinary probation, suspension or expulsion under s. UWS 14.04(1)(i) or (j) should be recommended, the instructor shall provide a written report to the investigating officer, which shall contain the following:

- 1. A description of the misconduct; and
- 2. Specification of the sanction recommended.
- (b) Upon receipt of a report under this subsection, the investigating officer may proceed, in accordance with s. UWS 14.07, to impose a disciplinary sanction.
- UWS 14.07 PROCEDURES: DISCIPLINARY SANCTION IMPOSED FOLLOWING A REPORT OF ACADEMIC MISCONDUCT BY THE INVESTIGATING OFFICER. The investigating officer may proceed in accordance with this section to impose, subject to hearing and appeal rights, one or more of the disciplinary sanctions listed in s. UWS 14.04(1)(g) through (j).
- (1) AUTHORITY OF INVESTIGATING OFFICER. The investigating officer may proceed in accordance with this section when he or she receives information that a student at the institution has engaged in alleged academic misconduct and:
 - (a) Some or all of the alleged academic misconduct occurred outside the scope of any course for which the involved student is currently registered;
 - (b) The involved student has previously engaged in academic misconduct subject to the disciplinary sanctions listed in s. UWS 14.04(1)(d) through (j);
 - (c) The alleged misconduct would, if proved to have occurred, warrant a sanction of disciplinary probation, suspension or expulsion; or
 - (d) The instructor in the course is unable to proceed.
- (2) CONFERENCE WITH STUDENT. When the investigating officer concludes that proceedings under this section are warranted, he or she shall promptly offer to discuss the matter with the student. The purpose of this discussion is to permit the investigating officer to review with the student the bases for his or her belief that the student engaged in academic misconduct, and to afford the student an opportunity to respond.
- (3) CONFERENCE WITH INSTRUCTOR. An investigating officer proceeding under this section shall discuss the matter with an involved instructor. This discussion may occur either before or after the conference with the student. It may include consultation with the instructor on the facts underlying the alleged academic misconduct and on the propriety of the recommended sanction.
- (4) DETERMINATION BY THE INVESTIGATING OFFICER THAT NO ACADEMIC MISCONDUCT OCCURRED. If, as a result of discussions under subs. (2) and (3), the investigating officer determines that academic misconduct did not in fact occur or that no disciplinary sanction is warranted under the circumstances, the matter will be considered resolved without the necessity for further action or a written report.

- (5) PROCESS FOLLOWING DETERMINATION BY THE INVESTIGATING OFFICER THAT ACADEMIC MISCONDUCT OCCURRED. (a) If, as a result of discussions under subs. (2) and (3), the investigating officer determines that academic misconduct did occur and that one or more of the disciplinary sanctions listed under s. UWS 14.04(1)(g) through (j) should be recommended, the investigating officer shall prepare a written report so informing the student, which shall contain the following:
 - 1. A description of the misconduct;
 - 2. Specification of the sanction recommended;
 - 3. Notice of the student's right to a hearing before the academic misconduct hearing committee; and
 - 4. A copy of the institutional procedures adopted to implement this section.
 - (b) The written report shall be delivered personally to the student or mailed to the student by regular first class United States mail at his or her current address, as maintained at the institution. In addition, a copy of the report shall be provided to the instructor and to the institution's student affairs officer.
 - (c) A student who receives a written report under this section has the right to a hearing before the academic misconduct hearing committee under s. UWS 14.08 to contest the determination that academic misconduct occurred, or the choice of disciplinary sanction, or both.
 - 1. Except in cases where the disciplinary sanction recommended is disciplinary probation, suspension or expulsion, if the student desires the hearing before the academic misconduct hearing committee, the student must file a written request with the student affairs officer within 10 days of personal delivery or mailing of the written report. If the student does not request a hearing within this period, the determination of academic misconduct shall be regarded as final, and the disciplinary sanction recommended shall be imposed.
 - 2. In cases where the disciplinary sanction recommended is disciplinary probation, suspension or expulsion, the student affairs officer shall, upon receipt of the written report under par. (b), proceed under s. UWS 14.08 to schedule a hearing on the matter. The purpose of the hearing shall be to review the determination that academic misconduct occurred and the disciplinary sanction recommended. A hearing will be conducted unless the student waives, in writing, the right to such a hearing.

UWS 14.08 <u>PROCEDURES</u>: <u>HEARING</u>. (1) If a student requests a hearing, or a hearing is required to be scheduled under s. UWS 14.07(5)(c)2, the student affairs officer shall take the necessary steps to convene the academic misconduct hearing committee and shall schedule the hearing

within 10 days of receipt of the request or written report, unless a different time period is mutually agreed upon by the student, instructor or investigating officer, and the members of the hearing committee.

- (2) Reasonably in advance of the hearing, the committee shall obtain from the instructor or investigating officer, in writing, a full explanation of the facts upon which the determination of misconduct was based, and shall provide a copy of Chapter UWS 14 to the student.
- (3) The hearing before the academic misconduct hearing committee shall be conducted in accordance with the following requirements:
 - (a) The student shall have the right to question adverse witnesses, the right to present evidence and witnesses, and to be heard in his or her own behalf, and the right to be accompanied by a representative of his or her choice.
 - (b) The hearing committee shall not be bound by common law or statutory rules of evidence and may admit evidence having reasonable probative value, but shall exclude immaterial, irrelevant, or unduly repetitious testimony, and shall give effect to recognized legal privileges.
 - (c) The hearing committee shall make a record of the hearing. The record shall include a verbatim record of the testimony, which may be a sound recording, and a file of the exhibits offered at the hearing. Any party to the hearing may obtain copies of the record at his or her own expense. Upon a showing of indigency and legal need, a party may be provided a copy of the verbatim record of the testimony without charge.
 - (d) The hearing committee shall prepare written findings of fact and a written statement of its decision based upon the record of the hearing.
 - (e) The hearing committee may find academic misconduct and impose a sanction of suspension or expulsion only if the proof of such misconduct is clear and convincing. In other cases, a finding of misconduct must be based on a preponderance of the credible evidence.
 - (f) The committee may impose a disciplinary sanction that differs from the recommendation of the instructor or investigating officer.
 - (g) The instructor or the investigating officer or both may be witnesses at the hearing conducted by the committee, but do not have responsibility for conducting the hearing.
 - (h) The decision of the hearing committee shall be served upon the student either by personal delivery or by first class United States mail and shall become final within 10 days of service, unless an appeal is taken under s. UWS 14.09.

- UWS 14.09 APPEAL TO THE CHANCELLOR. (1) Where the sanction prescribed by the hearing committee is suspension or expulsion, the student may appeal to the chancellor to review the decision of the hearing committee on the record. In such a case, the chancellor shall sustain the decision of the academic misconduct hearing committee unless the chancellor finds:
 - (a) The evidence of record does not support the findings and recommendations of the hearing committee;
 - (b) Established procedures were not followed by the academic misconduct hearing committee and material prejudice to the student resulted; or
 - (c) The decision was based on factors proscribed by state or federal law regarding equal educational opportunities.
- (2) If the chancellor makes a finding under sub. (1), the chancellor may remand the matter for consideration by a different hearing committee, or, in the alternative, may invoke an appropriate remedy of his or her own.
- UWS 14.10 <u>DISCRETIONARY APPEAL TO THE BOARD OF REGENTS</u>. Institutional decisions under ss. UWS 14.05 through 14.09 shall be final, except that the board of regents may, at its discretion, grant a review upon the record.
- UWS 14.11. <u>SETTLEMENT</u>. The procedures set forth in this chapter do not preclude a student from agreeing that academic misconduct occurred and to the imposition of a sanction, after proper notice has been given. Required written reports, however, may not be waived.
- UWS 14.12 <u>EFFECT OF DISCIPLINE WITHIN THE UNIVERSITY SYSTEM</u>. Suspension or expulsion shall be systemwide in effect.
 - (1) A student who is suspended or expelled from one institution in the university of Wisconsin system may not enroll in another institution in the system unless the suspension has expired by its own terms or one year has elapsed after the student has been suspended or expelled.
 - (2) Upon completion of a suspension period, a student may re-enroll in the institution which suspended him or her as if no suspension had been imposed.
- UWS 14.13 RIGHT TO PETITION FOR READMISSION. A student who has been expelled may petition for readmission, and a student who has been suspended may petition for readmission prior to the expiration of the suspension period. The petition for readmission must be in writing and directed to the chancellor of the institution from which the student was suspended or expelled. The petition may not be filed before the expiration of one year from the date of the final determination in expulsion cases, or before the expiration of one-half of the suspension period in suspension cases. The chancellor shall, after consultation

with elected representatives of the faculty, academic staff, and students, adopt procedures for determining whether such petitions will be granted or denied.

UWS 14.14 <u>INVESTIGATING OFFICER</u>. The chancellor of each institution, in consultation with faculty, academic staff, and student representatives, shall designate an investigating officer or officers for student academic misconduct. The investigating officer shall have responsibility for investigating student academic misconduct and initiating procedures for academic misconduct under s. UWS 14.07. An investigating officer may also serve on the academic misconduct hearing committee for a case, if he or she has not otherwise been involved in the matter.

UWS 14.15 <u>ACADEMIC MISCONDUCT HEARING COMMITTEE</u>: <u>INSTITUTIONAL OPTION</u>. The chancellor of each institution, in consultation with faculty, academic staff, and student representatives, shall adopt policies providing for the establishment of a student academic misconduct hearing committee or designation of a hearing examiner to fulfill the responsibilities of the academic misconduct hearing committee in this chapter.

- (1) A student academic misconduct hearing committee shall consist of at least three persons, including a student or students, and the presiding officer shall be appointed by the chancellor. The presiding officer and at least one other member shall constitute a quorum at any hearing held pursuant to due notice.
- (2) A hearing examiner shall be selected by the chancellor from the faculty and staff of the institution.

UWS 14.16 NOTICE TO STUDENTS. Each institution shall publish and make freely available to students copies of Chapter UWS 14 and any institutional policies implementing Chapter UWS 14.

UWS 14.17 NOTICE TO INSTRUCTORS. Each institution shall adopt procedures to ensure that instructors are familiar with these policies. Each institution shall provide instructors with copies of Chapter UWS 14 and any institutional policies implementing Chapter UWS 14 upon employment with the university, and each department chair shall be provided such copies upon assuming the duties of the chair.

UWS 14.18 <u>CONSISTENT INSTITUTIONAL POLICIES</u>. Each institution is authorized to adopt policies consistent with this chapter. A copy of such policies shall be filed with the board of regents and the university of Wisconsin system office of academic affairs.

SECTION 2. UWS 17 (title) is amended to read:

Chapter UWS 17 (title) STUDENT NONACADEMIC DISCIPLINARY PROCEDURES

SECTION 3. UWS 17.02(4) is amended to read:

- (4) "Disciplinary sanction" or "sanction" shall mean any action affecting the status of an individual as a student which is taken by the university in response to student nonacademic misconduct. The term shall include probation, resignation or leave for misconduct, suspension or expulsion, removal/from/the/course/with/no/grade/assigned/in/cases/of academic/misconduct, written reprimand, denial of particular university privileges, and other less severe actions not enumerated herein. Disciplinary sanctions shall not include cut-off or revocation of a student's financial aids; however, this shall not be interpreted as precluding the individual operation of rules or standards governing eligibility for student financial aid under which the imposition of a disciplinary sanction could result in disqualification of the student for financial aid. Distiplinary/santtions/do/not/include/academit/responses as/defined/in/sub//(8)/ Each institution is authorized to adopt a more explicit listing of sanctions which is consistent with the provisions of this section.
- SECTION 4. UWS 17.02(8), UWS 17.06(2) and UWS 17.13 are repealed.
- SECTION 5. UWS 17.02(9) and (10) are renumbered UWS 17.02(8) and (9).
- SECTION 6. UWS 17.06(1)(a), (b), (c), (d), (e) and (f) are renumbered UWS 17.06 (intro.), (1), (2), (3), (4), (5) and (6).
- SECTION 7. UWS 17.07(1) is amended to read:
- (1) Investigating officer. The chancellor of each institution, after consultation with the elected committee which serves as the faculty's executive arm and with the elected officers of the principal student organization, shall designate a person as "investigating officer" who shall investigate cases of student conduct alleged to be in violation s. UWS 17.06(1)/and/(2). Where it appears that a violation has occurred, the investigating officer shall proceed in accordance with the provisions of this chapter.

UW-SUPERIOR Cont.

- 1987-89 Multi-Purpose Courts Resurfacing (8806-10)
 - All Work a. Twin Ports Blacktop Inc., St. Louis, MN 68,466.00

L. UW-WHITEWATER

- 1987-89 Outdoor Kiln Safety (8802-32)
 - All Work a. Marshall W. Nelson & Associates, Milwaukee 18,955.00
- 1987-89 Baker and Salisbury Halls Roof Replacement (8807-28)
 - All Work Nieman Central WI Roofing, Lyndon Station 77,320.00

CONTRACT CHANGE ORDERS IN EXCESS OF \$30,000

There are none to report this month.

Computer of Actions Taken (MEMOS OF AGREEMENT)

Sermination of A. Agreement with Frank Weinhold terminating a December 3, 1985 agreement for University publication and exploitation of computer Computers - Lermination of

B. Agreement with John W. Beasley and Alen E. Robertson terminating a

March 12, 1986 agreement for University publication and emploitation of a computer program entitled, LogIt!, Mangare, Stern B Agreement has been executed with Mr. Maurice McLean, an owner of for force maintenance atland adjacent to the Lancaster Agricultural Research Station. The Agreement covers understandings between Mr. McLean and the University with regards to maintenance of the fence along the boundary of the two properties, located in Grant County, Town of Beetown, T4N, R4W, Section 12.

Belgy Rand - Quandrant to agreement with the Department of Natural /

D. An amendment to the agreement with the Department of Natural /

Resources and UW-Madison for a Peregrine Falcon Reintroduction

Program has been executed. The amendment states:

Anapus. Ham D

- The Social Sciences Hall may be used as a placement site for food and water.
- Van Vleck Hall may be used as an observation point for the majority of post-release activities. A blind may be used on Van Hise Hall. The blind may not be attached to the roof (no puncturing the roof).

III-2 UW-coshhot-Bllg & Land-Renaming of the Upon recommendation of alumni, coaches, faculty, community citizens and the UW Oshkosh Chancellor, the UW Oshkosa Titan Varsity Baseball Field Will be named the "Russ Tiedemann Field." This tribute to Russ Tiedemann comes after ending his twentisth year as coach of the UN-Oshkosh Titans baseball team, having wen second place in the NCAA Division III championships. During his tenure, he established a record of 501 wins, 13 conterence championships, three appearances in the NAIA World Series, eight appearances in the NCMA Division III Morld Series, and a National Championship in 1905. The UW Madison vice Chanceller for Administration has executed a Confirmatory License Agreement which concerns rights and use of Cortain service marks related the 1988 Pride Classic event, Rride Classic was held at the Un Madison Field House in inly and was reported in the June 1988 Non-Personnel Actions. 5 napas, The The Board of Directors of Madison Energy Recovery, Inc. (MERI), a consortium of Madison hospitals including University Hospital and Clinics pursuant to Regent Resolution 3059, May 11, 1984 have signed "Agreement: Additional Membership _entitled___ This agreement provides for additional contributions Contribution" facility to meet current standards for air and solid waste, Nunpers Itan On signature of the Vice President for Physical Planning and Development, the following lease agreements have been renewed: UW Madison See Grant Program - bessee Fordon and Barbara Hull at Sester Bary Marquester H (come, hufseld Losso) Locat 11 for Les Grant Propositions Sison Lessor: 522 Bay Shore Drive, Sister Bay, Wisconsin Approximately 250 square feet of office space July 1, 1988 to June 30, 1989 Lease termi 34.372 Annual rental Renewal options: One 1-year option On signature of the Vice President for Physical Planning and Development, the following lease agreements have been entered W-Street -Blage & Rand - Lease agreement with Donna dean for parking lot, UW-Stout - Parking Lot Lessee: Donna Senn, Menomonie X ref Parking Ress - Lesson: Location: Lot four (4) in Block C, Riverside Drive, City of Menomonie, Dunn County, Wisconsin het add "at Uw-that" (parking lot) September 1, 1988 through August 31, 1989 Lease term: \$1,400 Annual rental One 1-year option Renewal options: Leave agreement for UW-Coshhod-Bodge + Rand-UN Ochkosh - Head Start Program in theward, Manquestin I Lesseet John Kadletz besser: 122 South Franklin Street, Shawene, Wisconsin Location: Approximately 2,170 square feet of space and Size: COMMONS STEE July 1, 1988 to June 30, 1993 Lease term: \$6,900

Annual rental

Renewal options: None noted

David Havel Lessor: 1835 North Stevens Street, Rhinelander, Wis. Location: Approximately 1,198 square feet of office space Size: July 1, 1988 to June 30, 1990 Lease term: Bidge La. of-Lease agreement for General Library Lyster at 2250 S. Park St. \$10,872 Annual rental UW-Madison - General Library System Lessee: R.L. Danner Company Lessor: 2250 South Park Street (Park Plaza) Location: Approximately 4,000 square feet of office space Size: August 1, 1988 to July 31, 1990 Lease term: \$15,000 Annual rental Renewal options: Two 1-year options Blogs Had - Lease agreement for -UW-Madison Maninistrative Data Processinglat 2250 & Salv Lessee: St., Monque Ster I R.L. Danner Company Lessor: 2250 South Park Street (Park Plaza) Location: Approximately 1,400 square feet of storage space Size: July 1, 1988 to June 30, 1991 Lease term: Annual rental \$5,250 Hamily Brocked Clinic - Lease agreement for Renewal options: Two 1-year options Systems Counseling and Consulting at Board of Regents University of Wisconsin System Lessor: >Eau Claire Family Medical Clinic, Manque Com I Location: 807 S Farwall Street, Box Claire, WI 738 square feet Size: August 1, 1988 through July 31, 1991 Lease term: 1988-89 \$6,642 Annual rental 1989-90 - \$6,908 1990-91 - \$7,184 Renewal options: None noted J. University of Wisconsin Press Agreements: TITLE AUTHOR "Contemporary Literature & John Clayton and Betsy Draine Contemporary Theory" (Editors) "Influence and Intertextuality John B. Clayton and in Literary History" Eric Rothstein (Editors)

"Reason, Reality and Speculative Arthur E. Murphy (Author-deceased) Philosophy

Marcus G. Singer (Editor)

Donald E. Pitzer

AMERICA'S COMMUNAL UTOPIAS: The

Development Process

What's Left?: The Ecole Normale Diane Rubenstein Superieure Right

THE DIALECTICS OF DIFFERENCE: Ramon Saldivar Contemporary Chicano Narrative

IV. REPORT OF ACTIONS TAKEN BY STATE BUILDING COMMISSION ON 28 JUNE 1988, AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

UNIVERSITY	PROJECT	ACTION
. UW-MADISON:	Requested authority to plan, bid and construct a 1987-89 Elvehjem Museum of Art Envelope Repair project, for an estimated project cost of \$1,110,000 of 1987-89 General Fund Supported Borrowing, as follows: a) 1987-89 Maintenance Program funds, \$1,020,000; b) 1987-89 Health, Safety and Environment Program funds, \$66,000; and c) 1987-89 Remove Architectural Barriers Program funds, \$24,000.	APPROVED.
	Requested approval of the Concept & Budget Report for the 1983-85 Van Hise Hall Total Facility Performance Evaluation project (No. 8408-11), bid, and construct the project, at an estimated total project cost of \$946,900 of 1987-89 General Fund Supported Borrowing funds, as follows: a) Maintenance Program funds, \$494,100; b) Energy Conservation Program funds, \$168,700; c) Remove Architectural Barrier Program funds, \$47,000; and d) Health, Safety & Environment Program funds, \$237,100.	APPROVED.
UW-OSHKOSH:	Requested authority to plan, bid, and construct a 1987-89 Swart Hall Basement Waterproofing project, for an estimated total project cost of \$206,000 of 1987-89 General Fund Supported Borrowing - Maintenance Program funds.	APPROVED.