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

Madison, Wisconsin  
September 11, 1987

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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, Room 1820 Van Hise Hall  
Friday, September 11, 1987  
9:00 a.m.

- President Weinstein presiding -

PRESENT: Regents Clusen, Davis, Fish, Flores, Grover, Hanson, Hassett,  
Heckrodt, Lyon, Nicholas, Nikolay, Schenian, Schilling, Vattendahl  
and Weinstein

ABSENT: Regent Gerrard

*✓ / Regent*  
Davis, Erroll B., Jr. - *Introduction to first Board meeting, p. 1*

Introduction of Regent Davis

Regent President Weinstein welcomed Regent Erroll B. Davis, Jr., of Madison, who had been appointed to the Board of Regents to succeed Edith N. Finlayson. Mr. Davis, who was President of the Wisconsin Power and Light Company, received a bachelor's degree in electrical engineering from Carnegie-Mellon University and an Master of Business Administration degree from the University of Chicago.

Approval of Minutes

Upon motion by Regent Schilling, seconded by Regent Schenian, amended minutes (EXHIBIT A) of the special meeting of the board held on July 9, 1987, and minutes of the regular meeting of the board held on July 10, 1987, were unanimously approved.

## REPORT OF THE PRESIDENT OF THE BOARD

✓ VTAE - 2

Report of the President of the VTAE Board

*regarding possible full state funding of VTAE System, p. 2*

Regent Hassett, President of the VTAE Board, noted that the VTAE System recently had been audited by the Legislative Audit Bureau. One major question raised in the report concerned the state board role if the Legislature were to provide full funding by the state--a suggestion opposed by local boards which feared losing local control. At the current time, each of the 16 local boards had its own budget and selected its own director, with no control by the state board. With full funding by the state, the assumption was that the state board would control local budgets. Therefore, the local boards and the state board had gone on record to request 50 percent state funding, in order to preserve the current system of shared governance. They were concerned that the Legislature might provide full funding in order to reduce property taxes without examining all the implications of that action. Therefore, the state board had requested that a study be made of whether it would be in the best interests of the state to have the state board run the system or whether the current shared governance arrangement was preferable.

✓ UW Hosp & Clinics - Council of Trustees

*Report on financial condition & activity; concern about nursing staffing; pp 2-3*

Report of the Council of Trustees of the UW Hospital and Clinics

Regent Flores, Chairman of the Council of Trustees, reported that at the previous day's meeting, the council was apprised of results of an independent financial audit for fiscal year 1986-87, which found the hospital's financial and accounting systems to be sound and noted positive trends in patient volume. As projected, expenses exceeded revenues during the audit period, principally due to shortfalls in Medicaid and Medicare reimbursement. Superintendent Derzon stated that, while the hospital had budgeted a deficit in 1986-87, a surplus was projected for fiscal year 1987-88. In addition to the rate increase approved by the Board of Regents this summer, the hospital would be monitoring expenses in all areas during the coming year. Reporting that Medicaid reimbursement had been a growing concern for the hospital, Mr. Derzon noted that, as a major referral center, UW Hospital and Clinics cared for a large number of Medicaid patients, including a growing number of patients who required extensive care. Because Medicaid provided only partial reimbursement, the hospital had been absorbing a substantial proportion of the cost of caring for these patients, and in fiscal year 1986-87, the hospital received only 58 cents per dollar of the cost of care provided Medicaid patients. Discussions were under way with the State Division of Health regarding ways to narrow this gap.

Mr. Derzon also cited emerging trends in patient care, including increased care provided in the home setting, as well as a dramatic rise in outpatient surgery. Approximately half of the surgeries performed in the hospital were now done on the day of admission or on an outpatient basis.

Vice Chancellor Noren reported that substantial increases in outpatient activity, which had doubled in volume since 1980, had created a need for additional space. Options to expand clinic space, perhaps through leased facilities outside of the hospital, were being explored.

Dr. Carl Getto, Director of Clinical Affairs, discussed new quality assurance initiatives.

Finally, the council approved revisions to the medical staff bylaws and approved new appointments to the medical staff.

In response to a question by Regent Hanson about the nursing situation, Regent Flores explained that a grievance had been filed by some nurses and the union concerning staffing at the hospital and that the hospital and the union were in the midst of negotiations.

Vice Chancellor Noren added that, in the last 12-18 months, about 100 additional nurses had been hired, so that the total complement was approximately twelve percent higher than it was a year ago. The main concern of the grievance was staffing of specific units in which there had been some turnover of personnel, and recruitment activity had been in process for about three months.

In view of the projected budget surplus for 1987-88, Regent Hanson asked if the hospital was expected to be in a better position to address such grievances.

Replying in the affirmative, Dr. Noren explained that recruitment would take place in any event for units that had low staffing levels because of recent turnover, which typically was high in the fall and late spring.

*Merivites -*

→ Report on the Publication *Children in Need*, pp 3-5

President Weinstein noted that all regents had received copies of the report, *Children in Need*, an important new publication by the Committee for Economic Development, an independent research and educational organization of over 200 business executives and educators. He called attention to this report for two reasons: "First, it delivers a message that we have not heard recently. The message we normally hear is that the defense of the nation depends on larger defense budgets. Now a refreshing voice is coming from educators and leaders in the business community, saying together that is not enough and that it is all right for a society to invest massive amounts of money in its human resources. The second reason is that one of the charges to the Education Committee this year is to review the whole system by which we recruit and retain minority and disadvantaged students. President Shaw and the committee will be coming to us in November with an analysis of the problem as they see it and their suggested solutions. I believe firmly that we are going to need to form new kinds of linkages--the kinds which we have never thought about before--between the UW System and VTAE System and DPI, so that together we can address the issues of early detection and meaningful counseling and recruiting. The goal is to increase the enrollment and the retention of minority and disadvantaged students in both the UW and VTAE systems. If we are not willing to change, then we are not going to effect a change."

✓ Children in Need - Report on entitled publication, stressing early help for minority & educationally disadvantaged children, pp 3-5

He then presented a video recording of the September 7, 1987, interview on the MacNeil Lehrer News Hour of two officers of the Subcommittee on the Educationally Disadvantaged of the Commission for Economic Development: Owen Butler, retired chairman of the Procter and Gamble Company, and Donna Shalala, President of Hunter College and Chancellor-Designate of UW-Madison. Following is a summary of their comments.

In introductory remarks, the moderator cited the report's prediction that, unless there was drastic change in the education of disadvantaged children, there would be 20 million young people in this country by the next century who were marginally literate and virtually unemployable. Recommending sweeping reform of public education to make schools more responsive to the needs of the disadvantaged, the report found that for one third of these children, preschool programs came too late to prevent learning problems caused by poor prenatal care and deprivation during infancy.

Mr. Butler predicted that, if the committee's proposals were ignored, the country's peaceful, prosperous democracy would be lost. Noting that 25 percent of all children below the age of six were living in poverty, he pointed out that many of those children, as a result of deprived childhoods, simply would not become literate and would not become employable. Instead they would become pregnant teenagers, drug users, alcohol abusers and criminals in far too many cases. It was the committee's conclusion that so large a number of young people failing to participate in the system would bring the system down.

Dr. Shalala agreed with Mr. Butler's assessment of the size of the problem and the need to intervene strongly and immediately to save not only this generation of children, but to save society itself.

Such intervention, Mr. Butler explained, meant reaching mothers during the prenatal period to insure better health care for them in order to avoid the premature and low-birth-weight babies who would become educational problems, due to retardation in their development. In addition, it would be necessary to be sure that every child entering the school system had five years of the kind of parenting that would teach the child to believe in and value himself or herself and teach fundamentals that would lay the ground work for later education.

To accomplish this, Dr. Shalala explained, it would be necessary to work with the teenage mother, her family and the community by setting up programs that would get her back into school, that would teach her how to be a good parent, and that would provide quality care for her child while she was in school, perhaps in the school itself, and that would provide high quality prenatal care and nutrition programs for pregnant teenagers. The significance of the report, she observed, was that it combined knowledge of health and social services with knowledge of education and pointed out that society could not wait until these children entered school, but instead would have to work with them and with their parents much earlier. Setting up these programs and making sure they were linked with the educational system would require great efforts by state and local governments.

Noting that such programs would be voluntary, Mr. Butler added that there currently were a number of successful models in operation, such as a public school in Albuquerque, New Mexico, which provided prenatal care for teenagers and infant care for their children while also teaching the teenagers parenting. A public school in El Paso, Texas, was succeeding in persuading parents of disadvantaged children to send them to a preschool at the age of three or four, and persuading the parents themselves to participate in these programs, so that while the child learned, the parent learned how to reinforce that teaching in the home. Inasmuch as the governors, the states, the Education Commission of the States, the National Governors Association, state boards of education, and state superintendents all were beginning to embrace the concept of early childhood involvement, he thought the states, public schools and social service systems would be willing to take leadership in such programs.

Adding that the federal government also had a role to play, Dr. Shalala noted that the federal role was established in 1965 by the Elementary and Secondary Education Act's focus on disadvantaged children. She considered it important that this program, the Headstart program, and federal prenatal programs be continued if not expanded. She emphasized, however, that building an effective coalition had to be done closer to the source, at the state and local levels. Where such programs had worked, it was the community, working with parents and local schools, that had made them work.

Concerning the resources needed for this kind of effort, Mr. Butler said that a reasonable estimate of cost for all that should be done for disadvantaged children, from prenatal care through age five, would amount to about \$11 billion per year, part of which was already being spent on projects like Headstart and social welfare services. In comparison, it was estimated that the lifetime cost to society for a million persons who failed would be \$240 billion.

Adding that the \$11 billion cost would be recovered quickly, Dr. Shalala said experience of specific schools with prenatal care and early childhood programs had shown rapid and high paybacks in lowering special education and health problems.

With regard to the role of business in producing action, Mr. Butler pointed out that the report contained a series of recommendations for the committee's business members, including greater participation at the local level in encouraging local school districts and states to invest more heavily in children; giving more flexible work time to working parents, particularly blue collar parents, so they could involve themselves with their children's school activities; and supporting needed tax levies.

Another way of drawing attention to the issue, Dr. Shalala commented, was for presidential candidates to address it in their campaigns. It was her hope that each of them would help to convey the message.



✓ REPORT OF THE PRESIDENT OF THE SYSTEM

UW-Superior - Introduction of Chancellor MacTaggart, UW-Superior, p. 6

Introducing Terrence MacTaggart, Chancellor of UW-Superior, who took office in mid-August, President Shaw noted that the new chancellor was becoming known in the Superior-Duluth region, having been active in the Governor's visit to that area, and already having made some suggestions as to new directions for the university including economic development activities. Dr. MacTaggart brought to the chancellorship a great deal of experience in higher education as a vice president and as a vice chancellor. He had also been active in the Council for Advancement for Experimental Learning.

✓ Legislative Update - Update on Assembly Bill 935

~~Referring to the monthly legislative update prepared by the office of University Relations, President Shaw called attention to Assembly Bill 935, which would remove current prohibitions that kept state employee unions from bargaining management rights, institutional missions and civil service policies and procedures. The bill passed the Assembly on June 11 by a vote of 70-24, and it received an August 19 hearing by the Senate Committee on Housing, Government Operations and Cultural Affairs. The deputy secretary of the Department of Employment Relations testified against the bill, and the UW System registered its opposition to the legislation based on the regents' historic position against any erosion of its governance authority for management of the University System and the tradition of shared governance in determining educational policy and institutional missions. Should the bill be passed by the Senate, President Shaw considered a gubernatorial veto likely, given DER's strong opposition. The UW System agreed with DER's position, and, based on the regents' traditional position on such matters, the intention was to request that Governor Thompson veto the bill should it reach his desk.~~

→ p. 6

✓ Enrollment Management - Update on enrollment management, pp 6-8

President Shaw then reported on the experience to date in achieving enrollment management targets throughout the system. The regents' enrollment management plan called for a reduction of 7,000 FTE over a four-year period beginning this fall, with reductions of 1,500 FTE slated for each of the first two years and 2,000 FTE in each of the last two years. A complete report was to be made in November.

The preliminary enrollment count appeared to be on target for the scheduled 1,500 FTE reduction, and enrollment shifts within the UW System were moving in the desired direction. For example, UW-Green Bay, an institution scheduled to grow under the enrollment management plan, reported increases up to its four-year target level and was at the point of capping some of its more popular programs. The two-year centers also reported increases in both freshman and sophomore classes. At the same time, UW-Milwaukee, UW-La Crosse, UW-Madison and other institutions scheduled for enrollment reductions were expected to achieve or even exceed their

targets. Some institutions might be above or below projections, given that enrollment management depended in part on the predictability of student behavior. While institutions had been very successful with those segments of the student body they could manage directly--new freshmen, transfers and reentry students--predicting the number of continuing students was much more difficult. Nonetheless, the president expected the systemwide goal of a 1,500 FTE reduction to be achieved, which would translate into modest improvements in support levels per student throughout the system.

In order to achieve this reduction and redirection of students, methods were used which combined higher admissions standards and referral of students among institutions within the system. In some cases, marginal students had to accept the reality that they could not attend their first-choice school or that they must invest in remedial preparation before applying for admission. But in the larger picture, these enrollment reductions, coupled with the additional faculty provided by the Governor and the Legislature, allowed the UW System to take the first successful step in improving quality of education.

The board's action in June on admissions standards would provide the universities with the policy needed to refine further their admission practices as they continued implementation of enrollment management plans, with admissions decisions to be made according to criteria designed to preserve and enhance educational quality throughout the system. Categories of admissions included standard admissions for those meeting established standards and deemed to have a high probability of success, discretionary admissions for those meeting established admissions standards but having less probability of success, and non-traditional admissions for older students, those with physical or learning disabilities, and minority students for whom exceptions needed to be made. Implementation of these policies would allow the universities to manage enrollments while providing access to students most qualified to benefit from a university education. There was to be a report in December on the criteria being used to place students in the various admissions categories.

As chairman of the Regent Study Group on the Future of the UW System, Regent Fish commended President Shaw and the chancellors for attaining the initial targets that had been set. He suggested that the upcoming report include data on first-year and second-year enrollment in the UW Centers, since it was an important goal to increase retention of freshmen into their second year in the centers.

Agreeing that such data would be provided, President Shaw said preliminary information indicated that more students were remaining in the centers for their sophomore year. Even though new general education requirements had not yet been implemented, students were recognizing that greater efforts were being made to solve transfer problems. In another year, he expected the data to be even more impressive.

Regent Hassett asked if those completing two years in the centers automatically had a right to transfer to a four-year institution.

Citing the regent policy which required that completion of the approved UW Centers general education program would meet the general education breadth requirements of the other institutions, President Shaw said the assumption was that most students at that point would meet whatever the admission standards might be. Research to date suggested that difficulties were most likely to be encountered by students who transferred prematurely. If they stayed in the centers two years, they were apt to be at least as successful as students who began their college education at the four-year institutions.

In view of enrollment management limits, Regent Hanson asked if students who completed two years at one of the UW Centers might find no space available when they sought to transfer.

While more would be known in a year, President Shaw said he did not anticipate problems in that regard because such students would be highly desirable for acceptance due to their probability of success. Chancellor Portch was in the process of developing articulation agreements with each of the four-year institutions in order to facilitate the transfer process.

Regent Weinstein suggested that the report also include a listing of programs, majors or schools that had capped or were going to cap their enrollments.

Noting that there was continuing mention of over enrollment in such programs as business, Regent Grover questioned whether the directions as to enrollment management had reached the department level.

Regent Nikolay inquired about how reductions in enrollment would be correlated with benefits achieved by the reductions, such as dollar savings and improved student access to needed classes.

President Shaw agreed with the importance of providing such documentation, although it would be difficult to do so this year because new positions were counterbalanced by reductions from the previous year's budget reduction bill. Next year, when the major share of new faculty positions were obtained and another enrollment decrease was implemented, it would be easier to provide data demonstrating improvements.

*Minutes - Annual minority/disadvantaged report due in November, suggestion for public hearings, pp 8-9*

Minority/Disadvantaged Report

President Shaw noted that he originally had intended to complete the annual minority/disadvantaged report in time for the October board meeting and then bring recommendations for new initiatives in November. In order to correlate the two reports, however, he had decided it would be preferable to present both of them at the November meeting. He expected to have them completed in time to send to the regents well in advance of the meeting, in order to allow ample opportunity for review.

Regent Grover suggested that the Education Committee hold hearings on the president's report in order to receive comments from the people being served.

Agreeing that it would be appropriate to hold such hearings, President Shaw said he would welcome full discussion of the alternatives he presented.

It was suggested by Regent Grover that President Shaw might wish to hold public hearings before developing his report. President Shaw replied that his only reservation about doing so was that his report then would be delayed by several months.

Regent Fish said his preference would be for President Shaw to present his report in November, after which the Education Committee could hold hearings on any or all recommendations.

Regent Weinstein noted that, since the report was to include options, there would be no commitment to any position when it was presented.

Noting that the annual report would not be as positive as would be desirable, President Shaw felt it would be helpful to provide at the same time some recommendations as to what could be done to improve the situation. For that reason, he agreed that it would be preferable to present his report on initiatives in November. After that, he thought hearings would be helpful in bringing the best thinking available to bear on the issues.

Regent Clusen observed that past initiatives and goals had not always been well conceived. This was a time, she emphasized, when great care should be taken to discuss matters thoroughly and obtain all points of view in order to make the best possible decisions, rather than acting hastily to meet a self-imposed deadline.

Regent Weinstein explained that the board set a target date for the annual report when it adopted goals. President Shaw's suggestion was to delay the annual report so that initiatives could be presented at the same time, rather than sending the wrong message by submitting a less-than-positive report without suggestions for improvement.

While he did not disagree with President Shaw's proposal, Regent Flores pointed out that new initiatives would require time for development and cautioned against letting too much time pass before getting the process of discussion under way.

#### Approval of Nonpersonnel Actions/Informational Items

Resolution 3878 was unanimously adopted, upon motion by Regent Schenian and seconded by Regent Schilling.

Resolution 3878: 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.

✓ Salaries -

✓ Note: Check "Compensation" category

REPORT OF THE EXECUTIVE COMMITTEE

→ Approval of Salaries above Group 5 Maximum, p.10 + EX B

Noting that the board in June gave the Executive Committee authority to act on salaries above the Group 5 maximum of the State Executive Pay Plan, Regent Weinstein reported on the July 31 Executive Committee meeting at which all committee members participated. All other regents also had been invited, and Regents Hanson, Hassett, Heckrodt, Nicholas and Schenian joined the committee for the meeting, the minutes of which had been distributed (EXHIBIT B).

✓ 7/31/87 Regent - Executive Committee - (Same as above)

Regent Weinstein indicated that he was uncomfortable with the practice of empowering the Executive Committee to act on these salary matters, rather than bringing them before the full board. He felt the process should be reconsidered before another such delegation was made.

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REPORT OF THE EDUCATION COMMITTEE

Chairman Grover presented the committee's report.

Report of the Vice President for Academic Affairs

✓ UW-Whitewater - Staff

Introduction of Assistant Vice Chancellor, UW-Whitewater

Dr. Roger Ludeman, p.10

Chancellor Connor introduced Dr. Roger Ludeman, new Assistant Chancellor for Academic Affairs, UW-Whitewater.

✓ + VTAE; Remedial Education - Possible involvement w/DPI - talks between DPI & UW-Milwaukee, p.10

Reporting on remedial education, Vice President Trani referred to discussions taking place between UW-Milwaukee and the Department of Public Instruction, as a result of a recent presentation to the Board of Regents. Additional information was being sought in terms of data presented to the board, and it was hoped that there would be a further report to the regents at the next meeting.

In addition, efforts were being made to involve the DPI and the VTAE System, along with the UW System in a coordinated approach to the whole question of remedial education. A report on that subject was to be made to the board next spring.

✓ Research - Proposals for system applied research program, p.10  
Applied Research

It was reported that consultants had been retained to evaluate proposals for the UW System Applied Research Program. There were 34 proposals received, from which eight were selected for funding.

*✓ Professorships, Distinguished - Proposals being reviewed, p. 11*

Distinguished Professorships

The committee was advised that 19 proposals had been received for the distinguished professorships authorized for this biennium. The proposals would be reviewed in October, and the first distinguished professorships would be reported to the board in November.

*✓ Mission - Mission reviews due from campuses, 1/88, p. 11*

Mission Reviews and Centers of Excellence

*✓ Excellence, Centers of - Identification of Centers due 7/88, p. 11*

It was reported that mission reviews were due from the institutions on January 1, 1988. Centers of Excellence were to be identified by July 1, 1988.

*✓ U - Extension - Public hearings suggested; report due in February 1988, p. 11*

Integration of Extension Function

The committee discussed the format for the upcoming report on integration of the extension function, and it was suggested that public hearings be held in December. System Administration was to retain the services of outside consultants whose findings would be the subject of public hearings, and the final report with recommendations would be presented to the regents in February. The sense of discussion was that the regents should look more closely at the integration of extension at this time, as opposed to waiting until 1992 as originally planned, in order to analyze whether the original intent of the integration of extension had been fulfilled or whether there were insurmountable problems.

Business Administration

Report of Strategic Planning in Business Administration *adopted, R 3879, PP 11-14, EX C*

Summarizing committee discussion of this report, Regent Grover cited the following regent concerns: that particular programs or schools be targeted for national recognition; that foreign language and business ethics courses should be strongly encouraged; what the costs would be of implementing the recommendations; and how the recommendations correlated with previous regent policy documents.

Following discussion, four amendments were made to the UW System recommendations. Recommendation 4 was amended by adding the phrase, "in order to achieve the goals set by the Board of Regents," at the end of the first sentence.

Recommendation 11 was amended by adding to the title the words "and schools"; by inserting the word "system" before the word "fund," and by adding the sentence, "There will be developed within the UW System top-ranked business programs (such as marketing, accounting and finance) and a top-ranked business school or schools."

Recommendation 7 was amended by adding the following phrase to statement (B): "pursuant to the admissions and enrollment management guidelines adopted by the Board of Regents, June 5, 1987."

The following recommendation was added: "Recommendation 19 - Focus: Concepts of Business Ethics. The Board of Regents strongly recommends that UW System business schools and departments, if they have not already done so, incorporate the concepts of business ethics into their curricula."

These amendments were passed unanimously by the committee, after which Resolution 3879 was unanimously approved.

Adoption by the board of the following resolution was moved by Regent Grover and seconded by Regent Schenian:

Resolution 3879: That, upon the recommendation of the President of the University of Wisconsin System, the UWS Administration Recommendations on Strategic Planning in Business Administration (as summarized in Appendix 2 of The University of Wisconsin System Response to the Report of the Steering Committee For Strategic Planning in Business Administration), as amended, be adopted as strategic planning guidelines over the period from September 1987 until September 1992 for UW System institutions and their business schools and departments.

(Amended Appendix 2 is included as EXHIBIT C.)

Inquiring about the addition of Recommendation 19, Regent Clusen asked about the reaction of committee members and business school faculty. She expressed her own sense of unease about teaching value judgments or attempting to imprint a particular code of ethics on any profession.

Regent Grover replied that Professor Russell Fenske, Chairman of the Strategic Planning Committee, had indicated that the subject was seriously considered by the committee. Regent Grover had suggested the amendment on the basis that other professional schools required courses in ethics and in view of numerous recent business scandals which had received national publicity. In addition, he noted that Harvard University was studying the question of how to teach ethics in business schools and that other business schools had such requirements. A course in ethics should not be viewed as intrusive, he commented, adding that Recommendation 19 was stated as a recommendation, rather than a requirement, in the same way that inclusion of foreign language in the business curriculum was recommended.

Regent Fish questioned whether ethics was a teachable subject and doubted that teaching it would have impeded the type of unethical actions to which Regent Grover referred. On a more fundamental level, he questioned the need for the entire package of recommendations, inasmuch as they appeared to impinge on faculty prerogatives. The same kinds of recommendations, he observed, could be formulated for any number of disciplines in the UW System.

Regent Schilling noted that the faculty steering committee had requested regent action on its report and had appeared at the committee meeting in support of the recommendations.

Regent Flores added that the report was the result of an attempt to have faculties do strategic planning with regent support.

It was explained by Vice President Trani that the Steering Committee for Strategic Planning in Business Administration was appointed by Acting President Lyall in 1985 as a first effort at a new way of long-range planning in a particular discipline. The nine-person steering committee, consisting of six faculty and three community members, devoted more than a year to studying the matter, with the hope that their recommendations would be reviewed and adopted by the Board of Regents. There had been created a comparable task force in engineering and technology, which was scheduled to report in June 1988. The intent was to move toward a proactive method of planning. While recognizing the faculty role in determining the curriculum, he observed that the regents should have the opportunity to review and comment on such plans. He did not consider Recommendation 19 as intruding into the area of faculty responsibility, since it encouraged study of ethics but did not set curriculum; and he viewed the planning process followed for business administration as a supplement to *Planning the Future* as applied to one particular program area.

Regent Hanson questioned why so much attention was being paid to the area of business and whether other disciplines, such as journalism and education, could not receive equal attention. In that regard, she shared the concern expressed by Regent Fish about whether the regents should set such a process in motion.

Regent Lyon commented that he was somewhat disappointed with the report, although the proposed amendments helped to strengthen it, particularly the amendment to Recommendation 11. However, he thought a number of the recommendations seemed like appeasement of various business schools throughout the system. The Strategic Development Commission and other groups, he noted, had made recommendations as to the university's responsibility to the state in the area of business; and state government had responded positively in the UW System's 1987-88 budget by providing support for areas intended to promote economic development. He was not convinced that the plan before the board provided the strong sense of direction needed to address the priorities identified by state leaders. While recognizing the faculty role in determining the curriculum, he observed that the regents should have the opportunity to review and comment on such plans.

Stating that it was the board's duty to see that long-range plans were developed, Regent Flores expressed the hope that similar planning would be undertaken in other disciplines. Since the board itself was not doing the planning, he did not think faculty prerogatives were being usurped. He considered proper the process of asking faculty and others to develop a plan to which the board could react.

President Shaw agreed with the importance of strategic planning in order to avoid reacting to programmatic requests that might not fit into any kind of scheme. Looking at a discipline from a system perspective would be helpful in deciding which areas the various institutions should be encouraged to emphasize.

With regard to the concern expressed by Regent Lyon, President Shaw noted that the Strategic Development Commission called for the UW System to have at least one top-ranked school of business administration. The amended wording of Recommendation 11 of the business administration plan, he felt,



addressed the issue in two ways. First, in calling for top-ranked programs, several components were needed: a solid GPR base, willingness on the part of the university to make an internal reallocation commitment, and private dollars, along with a strong faculty and program already in place. There might be programs in the system with the potential for achieving top ranking, without the entire school having that potential. Secondly, Recommendation 11 called for a top-ranked school or schools, which offered universities the opportunity to compete for that status, provided that they could assemble the necessary components. While this might serve to postpone decisions, ultimately decisions could be made in terms of choosing the programs that had the best chance of being successful, as part of the centers of excellence concept.

While he had expressed concern at the committee meeting about interfering with the faculty role, Regent Hassett was satisfied with the language which recommended, rather than required, ethics courses. However, he was not comfortable with a plan which encouraged schools to compete against each other for dollars and for the top business school or programs. He pointed out that there would be pressure on the business community to contribute to competing programs, and he questioned how decisions would be made on dividing the system fund. The effect of the plan, he observed, was to delay making difficult decisions, and he was not sure that was the best direction to take.

Commenting on the recommendation for courses in ethics, Regent Vattendahl said he supported encouraging inclusion of such courses in the curriculum.

Noting that courses in ethics did not assure ethical action in any profession, Regent Fish felt the recommendation had no real impact.

While she did not support Recommendation 19, Regent Clusen said she did not intend to vote against the plan as a whole. Her reaction, however, was that the plan was more specific than she expected. After attending the Wingspread conference where the study was launched, she envisioned the result as being general guidelines for a good business school or program, and she was somewhat troubled by the fact that the study developed into something other than what was originally contemplated.

Executive Vice President Lyall agreed that the effort of the committee evolved quite substantially over time and observed that the outside members of the committee had a specific influence on the direction of that evolution. She thought, however, that their input was valuable and that the resulting report was a good one.

Put to the vote, Resolution 3879 was unanimously adopted.

*Accreditation*  
→ Annual Report on Accreditation Reviews, pp 14-15

Regent Grover reported that this was a response to the regent request for an annual report showing the cumulative record of accreditation reviews. The committee further asked for continuing information as to why

some programs dropped accreditation or decided not to apply for accreditation.

Reaccreditation -

Information Report on Recent Institutional Accreditation by the North Central Association of Colleges and Schools; UW-Platteville, p. 15

✓ ref North Central Assoc. - (same)

Chancellor Chmurny reported to the committee on steps he had taken to correct weaknesses identified in recent accreditation reviews. It was noted that there were also many positive aspects to the report.

✓ ref UW-Platteville - (same)

Educational Programs -

Authorization to Plan New Program: BBA in Personnel and Human Resources, UW-Whitewater (first reading), p. 15

Regent Grover reported that the committee heard a presentation on the proposed BBA in Personnel and Human Resources at UW-Whitewater.

✓ ref UW-Whitewater - (same)

Programs, Educational -

Authorization to Plan New Programs: BS in Construction, UW-Stout (first reading), p. 15

A presentation on the proposed BS in Construction at UW-Stout was made to the committee.

✓ ref UW-Stout - (same)

Financial Aid - Possible

Report on Top High School Graduates

The committee heard a report on top high school graduates, which indicated that many top students left the state for their higher education. The Department of Public Instruction had conducted a survey to determine where they went and why, and the ACT test would now be used more extensively for diagnostic purposes. The committee asked Vice President Trani to prepare a proposed merit-based scholarship program for ~~regent consideration.~~ top high school graduates,

Regent Grover referred to a letter he received from the Superintendent of Schools in Sturgeon Bay, which showed that in certain instances the UW System was not making a strong effort to recruit the best and brightest students. p. 15

UW-River Falls - Approval of -

Amendment to Faculty Policies and Procedures, ~~UW-River Falls~~

R 3880, pp 15-16

Upon motion by Regent Grover, seconded by Regent Hassett, Resolution 3880, which was unanimously approved by the committee, was adopted unanimously by the board.

Resolution 3880: That, upon the recommendation of the Chancellor of the University of Wisconsin-River Falls and the President of the University of Wisconsin System, the Amendments to Chapters 2, 3, 6, and 9 of the Faculty Personnel Rules of the University of Wisconsin-River Falls be approved.

✓ UW-Milwaukee - Bd. of Visitors -

Authorization to Increase Membership of the UW-Milwaukee Board of Visitors, R 3881, p. 16

Regent Grover reported unanimous committee approval of Resolution 3881, which authorized an increase from 15 to 20 in membership of the UW-Milwaukee Board of Visitors in order to more fully reflect the diversity of the Milwaukee community.

It was moved by Regent Grover, seconded by Regent Schenian, and unanimously carried that the following resolution be adopted by the board:

Resolution 3881: That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the request of the Chancellor for permission to increase the membership of the Board of Visitors, University of Wisconsin-Milwaukee, from fifteen to twenty, pursuant to Regent Policy Document #78-6 (amended), be approved.

✓ Authorizations to Recruit -

Authorization to recruit: Dean of Business and Administrative Science, UW-Parkside, R 3882, p. 16

Upon motion by Regent Grover, seconded by Regent Schenian, Resolution 3882, which was unanimously approved by the committee, was adopted unanimously by the board.

✓ UW-Parkside - (same)

Resolution 3882: That, upon the recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of Business and Administrative Science, University of Wisconsin-Parkside, be approved.

✓ Authorizations to Recruit -

Authorization to Recruit: Professor, Glenn B. Hawkins and Cleone Orr Hawkins Chair in Political Science, UW-Madison, R 3883, pp 16-17

Regent Grover moved adoption by the board of the following resolution which was unanimously approved by the committee. The motion was seconded by Regent Nikolay and carried unanimously.

✓ Hawkins, Glenn B. & Cleone Orr - (same)

Resolution 3883: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Acting Chancellor to recruit for a Professor, Glenn B. and Cleone Orr Hawkins Chair in Political Science, the University of Wisconsin-Madison, be approved.

*✓ Authorization to Recruit -*

*→* Authorization to Recruit Associate Dean, College of Agricultural and Life Sciences, University of Wisconsin-Madison *UW-Madison, R3884, p.17*

It was moved by Regent Grover, seconded by Regent Schenian, and unanimously carried that Resolution 3884, which was unanimously approved by the committee, be adopted by the board.

*✓ Agriculture - (same)*

Resolution 3884: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Acting Chancellor be authorized to recruit for an Associate Dean, College of Agricultural and Life Sciences, University of Wisconsin-Madison.

*✓ Authorization to Recruit -*

*→* Authorization to Recruit Chancellor, UW-Stout, *R 3885, p.17*

Reporting unanimous approval of Resolution 3885 by the committee, Regent Grover moved its adoption by the board, noting that it was with regret that the process must be started for replacing one of the UW System's most distinguished chancellors. The motion was seconded by Regent Schenian and voted unanimously

*✓ ref UW-Stout - (same)*

Resolution 3885: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents approves the request for Authorization to Recruit for a Chancellor of the University of Wisconsin-Stout.

*✓ ref Chancellors - (same)*

Regent Grover presented Resolutions 3886-3888 which had been approved by the committee in closed session.

Named Professorship, UW-Madison

Resolution 3886 was adopted unanimously by the board upon motion by Regent Grover, seconded by Regent Schenian.

✓ Professorship

Resolution 3886: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Carl de Boor ~~be~~ changed from Pafnutii L'vovich Chebyshev Professor, Departments of Mathematics and Computer Science, College of Letters and Science, to Steenbock Professor of Mathematical Sciences and Pafnutii L'vovich Chebyshev Professor, Departments of Mathematics and Computer Science, College of Letters and Science, ~~University of Wisconsin-Madison, Wisconsin-Madison, effective immediately.~~ *UW-Madison* R 3886, p.18

X ref de Boor, Carl - (same)

✓ Professorship

Named Professorship, UW-Madison

It was moved by Regent Grover, seconded by Regent Schenian and unanimously carried that the following resolution be adopted by the board:

Resolution 3887: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Archie A. MacKinney, Jr. ~~be~~ changed from Professor, Department of Medicine, Medical School, to Medical Alumni Professor, Department of Medicine, Medical School, ~~University of Wisconsin-Madison, Wisconsin-Madison, effective immediately.~~ *UW-Madison*

X ref MacKinney, Archie A. - (same)

R 3887, p.18

✓ Professorship

Named Professorship, UW-Madison

Upon motion by Regent Grover, seconded by Regent Schenian, Resolution 3888 was adopted unanimously by the board.

Resolution 3888. That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Howard D. Weinbrot ~~be~~ changed from Ricardo Quintana Professor, Department of English, College of Letters and Science, to Vilas Professor and Ricardo Quintana Professor, College of Letters and Science, ~~University of Wisconsin-Madison, Wisconsin-Madison, effective immediately at an academic year salary of \$78,300.~~ *UW-Madison* R 3888, p.18

X ref Weinbrot, Howard D. - (same)

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

The committee's report was presented by Chairman Lyon.

Gifts, Grants, and U.S. Government Contracts

Acting Vice President Marnocha reported to the committee on gifts, grants and contracts, which for the two-month period ending August 21, 1987, totaled \$95.8 million (\$17.5 million more than the same period last year). This was a larger than normal increase early in the new fiscal year, due primarily to the timing of federal awards. Included in the report were second year installment awards for 20 faculty grants of \$11,500 each provided by the William F. Vilas Trust Estate--\$9,000 for salary support plus \$2,500 for research support. The grants were distributed to several academic departments at UW-Madison. The committee unanimously approved Resolution 3889.

Regent Lyon moved and Regent Schenian seconded the following resolution which was adopted unanimously by the board:

Resolution 3889: 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.

✓ Bequests - Acceptance of

↳ Bequest of Harriet E. O'Shea, R 3890, p.19

Regent Lyon reported the committee's unanimous recommendation for acceptance of the Harriet E. O'Shea bequest, which would provide a fellowship fund of approximately \$200,000 to UW-Madison. The purpose of the fund was to award fellowships in education or psychology.

It was moved by Regent Lyon, seconded by Regent Schenian and unanimously carried that Resolution 3890 be adopted by the board.

Resolution 3890: That the bequest of the late Harriet E. O'Shea, Pennswood Village, Newtown, Bucks County, Pennsylvania, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will, and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

(The Will, in the residual clause, provides in part as follows:

✓ X ref O'Shea, Harriet E. - Acceptance of bequest, R 3890, p.19

"C. Three quarters to the Regents of the University of Wisconsin-Madison, as a Fellowship Fund [not a loan fund], to be known as the 'Michael Vincent O'Shea and Harriet Frisbie Eastabrooks O'Shea Fellowship Fund.' The fund shall be for the purpose of, from time to time, awarding a fellowship in Education or Psychology or both."

The University of Wisconsin-Madison will receive approximately \$200,000.00.

✓ Salaries - Acceptance of

→ Report of 1986-87 Salary Catch-up Adjustments to Recognize Competitive Factors, as required by s. 36.09 (1)(j), Wis. Stats., R 3891, p. 20

Assistant Vice President Glenn Jensen presented to the committee the Report on 1986-87 Base Salary Adjustments to Recognize Competitive Factors, as required by Wisconsin Statutes. During 1987-88, increases of \$48,987 were granted to ten faculty, eight of whom were in the Engineering and Business Schools. These adjustments were necessary because of the timing of the payment schedule for salary catch-up adjustments. They also took into account competitive factors of those positions. The committee unanimously approved Resolution 3891.

The following resolution was adopted unanimously by the board, upon motion by Regent Lyon, seconded by Regent Nikolay:

Resolution 3891: That the Report on 1986-87 Base Salary Adjustments to Recognize Competitive Factors Required by Section 36.09(1)(j), Wisconsin Statutes, be accepted for transmittal to State Officials.

✓ Salaries -

→ Informational Report on 1987-88 Unclassified Pay Plan Adjustments, p. 20

Reporting that the committee received an Informational Report on Unclassified Pay Plan Adjustments for 1987-88, Regent Lyon noted that the state pay plan authorized a 2 percent increase of the payroll base to be distributed for merit, retention, across-the-board, or other pay increases. Increases within the UW System were made in accordance with the June 5, 1987, regent resolution requiring that, "within the state pay plan authorization, institutions shall distribute pay plan monies on the basis of merit; no pay plan funds shall be allocated to individuals with less than satisfactory performance ratings." Tables showing the distribution of increases, by campus, had been provided. Rates for the UW-Madison teaching assistants were not included since they were to be established through collective bargaining.

✓ Budget -

Preliminary Report on 1988-89 UW System State Budget Requests and 95% Budget Exercise, p. 21

Associate Vice President Kathleen Sell briefed the committee regarding budget action items expected at the October meeting. Requested refinements to the 1988-89 legislative budget would include emergency funding for the transportation of hazardous waste, the Governor's initiative to fund assessment projects which had been eliminated by the Legislature, and a technical adjustment of about 2 percent in cost-of-living adjustments for financial aid programs. The total cost of these adjustments was expected to be less than \$750,000.

The committee was advised that a special compensation study, scheduled for completion in June 1988, would be moved up to January 1988. The study was intended to help determine how University System compensation compared to peer institutions, and if it showed that compensation in the UW System had lost ground, a request for additional compensation funding might be submitted for 1988-89.

A state-mandated 95 percent of base budget exercise, which was to be part of total budget planning for 1988-89, would include demonstrating how a 5 percent reduction in funding would be implemented and what priorities there would be for a 102.5 percent budget.

Requested Changes to 1987-88 Auxiliary Rates

Presenting Resolution 3892, which was unanimously approved by the committee, Regent Lyon explained that s. 36.46 Wis. Stats. prohibited accumulation of any reserve funds unless approved by the Legislative Joint Committee on Finance. Upon review and consultation, it was considered unlikely that the committee would approve a university request to accumulate funds during the 1987-88 fiscal year. Therefore, the rates including amounts for reserves must be reduced at UW-La Crosse and UW-River Falls.

UW-Madison also had planned to add to reserves from their fee increase. However, due to the backlog of deferred maintenance projects, it was now requested that UW-Madison be allowed to maintain the fee increase for non-reserve purposes and to spend the funds during the current year for deferred maintenance.

Three other institutions, UW-Eau Claire, UW-Stevens Point, and UW-Whitewater, had planned additions to reserve balances from continuing resources without a reserve-related fee increase. These institutions would reallocate the funds to program operations in 1987-88.

Adoption by the board of Resolution 3892 was moved by Regent Lyon, seconded by Regent Schenian and voted unanimously.



Board of Regents Meeting 9/11/87

*Rescission of  
use of seg. fees at*

- 22

*Fees Segregated*

*UW-La Crosse & UW-River Falls for capital reserves; change the use of housing increases at UW-Madison, R 3892, pp 21-22*

Resolution 3892: That, upon the recommendation of the President of the University of Wisconsin System, the portion of the previously approved increases to segregated fees at UW-La Crosse and UW-River Falls, originally intended for accumulation of capital reserves for specific projects, be rescinded.

*UW-La Crosse - Rescission of use of segregated fees for capital reserves, R 3892, pp 21-22*  
*UW-River Falls - (same)*

That the previously approved rate increase in housing at UW-Madison, originally approved for reserve purposes, be approved to instead fund deferred maintenance projects.

*Housing - Change in use of housing fee increases, R 3892, pp 21-22*

Update on Uniform Chart of Accounts

*Accounts, Uniform Chart of - update on, p. 22*

In committee discussion of progress in development of the new uniform chart of accounts, it was noted that the need for comparable cost information had increased in recent years, along with heightened expectations of the role the Board of Regents and System Administration should play in managing the allocation of resources on a systemwide basis. The current need for improved comparative cost data was more pronounced in the administrative area than in the instructional area. While cost per credit information had been available for some time, it had not been widely disseminated outside the university, in part because of the complexities involved in analyzing and interpreting the data. It was suggested that a briefing on instructional cost information be scheduled for the Business and Finance Committee and other interested regents in November or December.

The preliminary design of the new chart of accounts addressed the non-instructional areas where sufficient cost information was not currently available. Activities and sub-activities of the proposed primary expenditure categories were being designed as suggested by the National Association of College and University Business Officers (NACUBO), and some changes would need to be made in the current UW System activity definitions to make them more consistent with this national process. The preliminary design was sensitive to the cost of converting to new codes, the intention being to minimize costs while providing the necessary financial information. Regents were encouraged to review Appendix III of the report to ensure that the suggested categories for activities and sub-activities would provide the desired level of information. Chairman Lyon suggested that this topic also be discussed in more detail at the November or December meeting, to provide an opportunity for regents to have input in ensuring that needs were satisfactorily addressed.

*Fees, Student (or just "fees" if one for "student")*

Allocation Formula for the \$2 Million Student Fee Portion of Physical Education Facilities at UW-Platteville and UW-Stevens Point

*pp 22-23*

Regent Lyon summarized committee review of alternatives for distributing the student fee portion of funding physical education facilities at UW-Platteville and UW-Stevens Point. The State Building Commission had approved additions and remodelings at both institutions, but stipulated that funding for the projects include \$2 million from

*UW-Platteville - (same)*  
*UW-Stevens Point - (same)*

student-supported program revenues, based on the premise that the facilities would be used in part for recreational and intramural activities normally funded from student fees. After examining four alternatives, it was felt the allocation should be based upon the percent value of each construction project to the combined value of the two projects. Based upon current project budgets, UW-Platteville would be assessed 47 percent of the \$2 million, with 53 percent being assessed to UW-Stevens Point, the result being \$15.60 per year in additional fees per student at UW-Platteville and \$9.65 at UW-Stevens Point. This matter would come before the board for action at the time the 1988-89 budget was approved. Noting that the Physical Planning and Development Committee was working on an overall policy for non-public funding of university facilities, Chairman Lyon said efforts would be made to dovetail action on the UW-Platteville and UW-Stevens Point projects with the overall policy. However, he noted, there was a directive on these two projects which would have to be addressed, regardless of the decision on broader policy.

In discussion at the board meeting, Regent Fish commented that he would prefer to have history view the use of student fees for these two projects as a one-time decision. Expressing reservations as to whether any general policy should be developed, he indicated concern about a policy which would burden students with a portion of funding at one institution for a facility financed by the state at another institution. He also was concerned that the benefit of such a policy probably would go to physical education, athletics and the professional schools, at the expense of the liberal arts. Believing that institutional needs should be conveyed through the established priority-setting process, he wondered if adoption of a policy on non-public funding would not serve to encourage development of plans using student fees. His preference would be not to have a general policy, with recognition that any state mandates would be addressed on an individual basis.

Regent Weinstein noted that his request for the Physical Planning and Development Committee to study the matter was prompted by the issue of partial student funding of facilities, which was brought forward during capital budget deliberations. Recalling that regents had been uncomfortable about dealing with these items in the absence of any policy or prior study of the issue in general, he had asked the Physical Planning and Development Committee to make recommendations on how to handle these kinds of matters in the future, but not necessarily to develop a policy for using such funding. The recommendation might be to have no fixed policy, to not approve such funding, or to approve it within certain parameters.

Regent Lyon observed that, while no vote had been taken, Business and Finance Committee members basically were opposed at this time to the use of student fees for funding this type of facility.

Report of the Acting Vice President for Business and Finance✓ Competition with the Private Sector - *update on*

*computer sales, hospital pharmaceutical sales & recent legislation*

Mr. Marnocha reported to the committee on developments in the area of *PP 24-28* computer sales to university faculty, staff, and students. In May, the board passed a resolution restricting direct sales by the university except in certain instances where private enterprise was not able to provide discounted sales. The university had now entered into two sales programs, one with IBM and another with Apple computers. Under the IBM program, the university would show and sell the equipment and/or software, and send the order to IBM, which shipped the equipment to a local, designated, private enterprise dealer. The dealer then delivered and serviced the equipment, receiving a fee from IBM for delivery services. Under the Apple program, the university maintained an inventory of equipment for sale. Upon sale, the university sent the equipment to the local designated dealer, who delivered and serviced the equipment, again receiving a fee for services rendered. Under both programs, the purchaser determined the dealership from which they wished to take delivery. The new program resulted in costs of approximately \$80-\$100 more than previous programs, but still provided a savings of 40-50 percent to the purchaser. During discussion, the chairman noted that the remaining problems regarding this issue tended, at this time, to be between the manufacturer and the designated dealership.

Vice President Bornstein reported that the Senate Education Committee recently discussed a bill to prohibit state agencies from being involved in the sale of goods in competition with the private sector. However, it was recognized that the university was working successfully with the private sector to deliver only educational materials under this program and at a discount. Further reports would be made on the status of the bill when there were additional developments.

✓ Computers - (same)

In response to a question at the board meeting by Regent Weinstein, Vice President Bornstein said that, at a recent hearing, there was testimony by the UW System in opposition to the bill on the basis that the bill was all-embracing and would prohibit, for example, the university from selling peripherals including diskettes, which were an inherent part of a program. Copies of the bill had been distributed to the regents.

✓ Hospital - (same)

While he had no concerns about the position taken on the bill, Regent Schilling raised the general question of how System Administration decided what position to take in absence of board action on a particular bill.

In response, President Shaw indicated that, in most cases, the regent position was clear on the basis of existing policy. On occasions when the regent position was not clear and the time frame did not permit action by the board, there was consultation with the regent president and others.

Regent Weinstein observed that the extent to which public universities should compete with the private sector was a national issue. Noting that to date the regents had dealt only with narrow parts of the issue, he suggested that the Business and Finance Committee might take a broader view of the subject to see whether some kind of policy should be formulated.

President Shaw agreed that such a discussion would be helpful and that the Business and Finance Committee would be an appropriate forum, although he was not sure the subject lent itself to quick resolution. Since this was a national issue, he was inclined to think the learning process should occur in Washington so the UW System could benefit from that experience. While it seemed clear that universities could not simply oppose any restrictions on what they sold, at the same time they had an obligation to do what was best for students. The right kind of solution, he felt, had been found in the regent resolution on computing, which provided that, in any case of university sales of computers, all overhead costs would have to be covered and that such sales would not occur if the private sector could work out a resolution advantageous to students. That sort of solution, he added, might apply to other areas. As a first step, he suggested preparation of a staff paper outlining some of the issues.

Regent Lyon pointed out that one problem was that manufacturers were not consistent in the way they operated in relation to their dealers, which created difficulties beyond the control of the university.

Regent Hassett asked if there had been objection to the usual book store type of operation.

President Shaw replied that book store operations presented less of a problem in this state than in others where the variety of items sold was much more extensive.

Continuing his report, Regent Lyon said the Business and Finance Committee was informed about the sale of pharmaceuticals to outpatients at the UW Hospital and Clinics. The issue was raised in a letter from the executive director of the Badger State Independent Pharmacy Cooperative, who expressed concern about a governmental agency competing with the private sector. In a letter of response, Jay Noren, Vice Chancellor for Health Sciences, reported that sales were limited to patients of the hospital and clinics. Further, it was noted that pharmacy facilities were teaching facilities and that they dispensed medications that were not always available at community pharmacies, such as new and experimental drugs. The pricing of prescription drugs was comparable with the private sector, including direct and indirect costs, so that the services provided through the UW Pharmacy were supported by patients. The pharmacy did not advertise and did not provide services to persons who were not patients at the hospital or clinics.

✓ Audits - → Reports on Legislative Audits of

~~The committee was advised about two legislative audits: audits of business services at six institutions and audits of the State Laboratory of Hygiene and the UW-Stevens Point Environmental Testing Laboratory. There were no major problems noted in the business services audits, and system administration was to move toward implementing the changes that had been recommended.~~

- ✓ LAB - (same)
- ✓ Hygiene, State Lab of - (same)
- ✓ UW-Stevens Point - (same)

pp 25-26

Audits of the two laboratories were currently under way. In addition, the UW System had been asked by the Legislative Audit Bureau to develop criteria for auditing other laboratories where the university might potentially compete with the private sector. System administration was working with the bureau to develop those criteria.

*Note: Check card for "Compensation"*

*Salaries -*

*→ Read for Study on Executive Pay Plan, p. 26*

Bringing this matter to the committee, Chairman Lyon referred to the Executive Committee meeting of July 31, at which pay increases for persons in Group 5 and above were determined. This led to discussion about conducting a study regarding the equity and comparative level of persons in the Executive Pay Plan, and President Weinstein had asked the Business and Finance Committee to undertake such a study. In a memorandum to the chairman and vice chairman, he outlined for study the compensation of the system president as related to peer institutions/systems, the compensation of the executive vice president, the vice presidents and others in the higher pay ranges, as well as distribution of responsibilities to those positions. Regent Lyon had discussed the issue with President Shaw and others, and there was consensus that additional help should be sought from a consultant outside the university to assist the committee and add credibility to the study. It was believed that much of the fact-finding work could be done internally. The committee agreed that the chairman, working with system staff, should investigate the cost of retaining a consultant and report back to the committee, perhaps in October. It also was agreed that, when developing comparisons, the same peer groups should be used as were used in past studies.

*Names (of Bldgs) - Approval of naming of UW-Eau Claire University Arena after the late Willis L. Zorn, R 3893, p. 26*

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay reported for the committee.

UW-Eau Claire: Approval of Naming of University Arena

Resolution 3893, which was unanimously approved by the committee, was moved by Regent Nikolay, seconded by Regent Schenian and unanimously adopted by the board.

Resolution 3893: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authority be granted to name the University Arena after the late Willis L. Zorn.

*UW-Eau Claire - Bldgs + Land - Approval to name University Arena after the late Willis L. Zorn, R 3893, p. 26*

Approval of Major Project Concept and Budget Reports

Regent Nikolay reported unanimous committee approval of three concept and budget reports. The first was for the construction of the Large Animal Holding Facility at UW-Madison, which would replace four existing buildings and would house teaching and research activities for several departments within the College of Agricultural and Life Sciences. The request included a \$400,000 increase in the project budget to a revised total of \$2.5 million.

*Bldgs & Land - Approval of concept & budget report to construct Large Animal Holding Facility, R 3894, pp 27*

The second concept and budget report was for repair of deteriorated wood floor frame and lower wall systems in eight apartment buildings within the University Village housing complex at UW-Green Bay. The damage had been caused by failed flashing at the brick sill which allowed water to penetrate behind the brick veneer wainscot.

*Equiculture - (same)*

The third concept and budget report was for a \$606,000 project which involved removal of asbestos fireproofing material covering steel beam and joist roof framing system portions of the Engineering and Mathematical Sciences Building at UW-Milwaukee. The project cost also included temporary relocation of faculty and staff, installation of new non-asbestos fire protection material, and replacement of floor and ceiling materials which would be affected by the asbestos removal process.

Upon motion by Regent Nikolay and seconded by Regent Heckrodt, the following resolutions were adopted unanimously by the board:

Resolution 3894: That, upon the recommendation of the UW-Madison Acting Chancellor and the President of the University of Wisconsin system, an increase of \$400,000 be approved in the \$2.1 million budget of the 1985-87 Large Animal Holding Facility project, on the campus at UW-Madison; that the Concept and Budget Report be approved; and authority be granted to complete Final Plans and Specifications, bid and construct this project at a revised total estimated cost of \$2,500,000 of General Fund Supported Borrowing.

*UW-Green Bay - Bldgs & Land - Approval of concept & budget report for repair of 8 apartment bldgs at Village Inn, R 3895, p. 27*

Resolution 3895: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report be approved and authority be granted to prepare Final Plans and Specifications, bid, and construct the 1987 University Village Apartments Structural Repair project for an estimated cost of \$325,000 of Program Revenue funds.

*UW-Milwaukee - Bldgs & Land - Approval of concept & budget report for asbestos removal, R 3896, pp 27-28*

*Hazardous Materials - Approval of concept & budget report for asbestos removal at UW-Milwaukee, R 3896, pp 27-28*

Resolution 3896: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid, and construct a 1987-89 Engineering and Mathematical Sciences (EMS) Building Asbestos Removal project, on the campus at UW-Milwaukee, for an estimated total project cost of \$606,000, of 1987-89 General Fund Supported Borrowing - Health, Safety and Environment Program funds.

*Bldg + Land -*

UW-Madison Approval of Lease of Space for Medical School Continuing Medical Education Program, R 3897, p. 28

The committee unanimously approved leasing a maximum of 6,000 square feet of space at 2716 Marshall Court, which would house two programs in the Medical School which were being displaced from the WARF Building due to other programs being expanded by receipt of gift and grant funds. While final lease terms still were being negotiated with the Central Life Assurance Company, the lessor, it was determined that the maximum base rate would be \$8.50 plus \$2.25 per square foot to cover services.

Resolution 3897 was moved by Regent Nikolay, seconded by Regent Schenian and unanimously adopted by the board.

Resolution 3897: That, upon the recommendation of the UW-Madison Acting Chancellor and the President of the University of Wisconsin System, approval be granted to execute a lease involving a maximum of 6,000 square feet of space to accommodate the needs of the Continuing Medical Education program and the Department of Psychiatry. The terms of the lease are presently being negotiated but is expected to involve the following elements:

- Location: 2716 Marshall Court  
Shorewood Hills
- Term: Three-years, from October 1, 1987
- Rates: A maximum of \$8.50 per square foot, plus an estimated \$2.25 per square foot for services including janitorial, heat, lights, and snow removal

*Medical School - (same)*

Funding Source: Medical School Development Fund

UW-Oshkosh - Budget & Land -  
UW-Oshkosh: Approval of a \$195,500 Budget Increase for the Polk Library Addition and Remodeling Project, R 3898, p. 29

Reporting unanimous committee approval of a budget increase for the UW-Oshkosh Polk Library addition and remodeling project, Regent Nikolay explained that the project involved varying degrees of remodeling in several areas of the existing library, as well as construction of a 2,514 square foot addition to provide a secure entry and control point. The primary goal was to improve security for the collections and library holdings and to increase efficiency of operations.

Adoption by the board of Resolution 3898 was unanimously carried, upon motion by Regent Nikolay, seconded by Regent Schenian.

Resolution 3898: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, authority be granted to increase the project budget for the 1985-87 Polk Library Remodeling project by \$195,500, from \$1,621,000 to a revised total project cost of \$1,816,500 (\$1,400,000 of 1985-87 General Fund Supported Borrowing and \$416,500 of UW System Residual Bonding Authority funds).

UW-Stout - Budget & Land -  
UW-Stout: Approval to Purchase Property at 1015 South Broadway, R 3899, p. 29

The committee unanimously approved purchase for UW-Stout of a 0.20 acre parcel of land with a house and garage situated on it, for an estimated total acquisition cost of \$43,000.

Regent Nikolay moved and Regent Clusen seconded adoption by the board of the following resolution:

Resolution 3899: That, upon the recommendation of the UW-Stout Chancellor and the President of the University of Wisconsin System, authority be granted to purchase a house and garage on a 0.20 acre parcel of land, located at 1015 South Broadway, in the City of Menomonie. The estimated acquisition cost of \$43,000 includes appraisals, closing and estimated relocation and will be funded from General Fund Supported Borrowing - Advance Land Acquisition funds.

In discussion at the board meeting, Regent Nikolay pointed out that the assessed valuation for real estate tax purposes was \$38,600. Since Menomonie assessed at full value, that also would be the equalized value.

Regent Flores asked if the property was within the campus plan, and Regent Nikolay replied that the parcel was right on the edge of it and within the developmental area needed for parking.

Put to the vote, Resolution 3899 was adopted unanimously.



UW Extension: Approval of Tower Use Agreement

Regent Nikolay reported unanimous committee approval of a tower use agreement with the Educational Communications Board, which would allow ECB to expand its use of the WHA-TV tower to provide for an instructional television fixed service. The ECB would make an annual payment to UW Extension for this use and would be responsible for all costs associated with removal of its equipment if the WHA tower should be relocated.

The following resolution was adopted unanimously by the board upon motion by Regent Nikolay, seconded by Regent Schenian:

Resolution 3900: That, upon the recommendation of the UW Extension Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board be authorized to execute a use agreement with the Educational Communications Board (ECB) for use of the WHA-TV tower for an Instructional Television Fixed Service in Madison. Under terms of the agreement, space on the tower would be provided to ECB for two microwave antennas and on the ground for mounting three satellite receivers and one portable transmitter building. The ECB will pay an initial installation fee of \$1,000, plus \$8,640 per year. The initial period of the agreement is one year, with annual renewal at the option of the ECB. In the event that the WHA tower is relocated, the ECB would be responsible for the costs to remove their equipment.

UW-Milwaukee and UW-Stevens Point: Approval of Roof Replacement Projects

The committee reviewed roof replacement projects involving the North and South Residence Hall Towers at UW-Milwaukee and Old Main at UW-Stevens Point. The Towers replacement would cost \$315,000, and the request for the Old Main replacement was \$473,000 for a metal roof. However, the project would be bid both for asphalt shingles and a metal roof, and the solution selected would be the one which produced the lowest life cycle cost. An amendment to the original resolution was approved to make this fact clear and also to provide that \$473,000 would be the maximum amount which would be approved. The committee then unanimously passed Resolution 3901.

The following resolution was adopted unanimously by the board, upon motion by Regent Nikolay, seconded by Regent Schenian.

Resolution 3901: That, upon the recommendation of the UW-Milwaukee and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the following roof replacement projects be approved and authority granted to plan, bid and construct, at the budgets and from the funding sources indicated.

✓ UW-Milw - Bldg + Adm - Approval of roof replacement projects for

UW-Milwaukee

→ Sandburg Hall North and South Tower Residence Hall, <sup>R 3901,</sup>  
~~Roof Replacement Project, \$315,000, Program~~ <sub>P. 31</sub>

~~Revenues~~  
(same, but add "at UW-Milw.")

UW-Stevens Point

→ Old Main Roof Replacement Project, ~~\$473,000~~ → <sup>R 3901, P 31</sup>

~~General Fund Supported Borrowing Maintenance Program funds~~

✓ UW-Stevens Pt. - Bldg + Adm - Approval of

The \$473,000 project cost, which would be for a replacement terne metal roof, is the maximum funding approved. The decision as to whether the replacement roof is terne metal or the also-to-be-bid alternate of asphalt shingles is to be made on the basis of the lowest cost, as determined by a Life Cycle Cost Analysis.

✓ Roof Problems - (same, but add "at UW-Stevens Point")

Approval of Minor Projects

Summarizing committee review of five minor projects, Regent Nikolay reported that at UW-Green Bay the request was for construction of a 5,140 gross square foot, two-story facility to serve the student housing complex. At UW-Madison there were two requests, the first for a \$120,000 emergency utilities repair project necessitated by the rupture of a high-pressure steam pipe fitting on Friday, August 7, and the second for a Camp Randall Memorial Sports Center Ice Rink dehumidification project at a cost of \$87,000. At UW-Oshkosh, the request was for approval of a Polk Library Faculty office development project at a cost of \$245,000. The last request was an energy conservation project involving replacement of the chiller at UW Center-Marathon County, at a cost of \$169,500. Following discussion, the committee unanimously adopted Resolution 3902.

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

Resolution 3902: That, upon the recommendation of the UW-Green Bay, UW-Madison, Oshkosh, and Centers Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the budgets and funding sources indicated. Funding is summarized as follows:

Program Revenue	\$336,000
Health, Safety and Environment Allocation	70,000
Minimum Maintenance Allocation	50,000
GPR-Minor Projects Allocation	245,000
Energy Conservation Allocation	<u>169,500</u>
	<u>\$870,500</u>

✓ UW Green Bay - Bldg + Land - Approval of projects for

UW Green Bay

→ Service Center for Student Housing Project, R 3902, pp 31-32  
~~\$249,000, Program Revenues~~

✓ Bldg + Land - Approval of

UW Madison

→ Emergency Utilities Repair Project, ~~\$120,000,~~ R 3902, pp 31-32  
~~(\$70,000, Health, Safety and Environment Allocation; \$50,000 Minimum Maintenance Allocation)~~

✓ Bldg + Land - Approval of

UW Madison

→ Camp Randall Memorial Center Ice Rink  
 Dehumidification Project, ~~\$87,000, Program Revenues~~ R 3902, pp 31-32  
~~(same as above)~~

✓ Camp Randall - (same as above)

UW Oshkosh

→ Polk Library Faculty Office Development, ~~\$245,000,~~ R 3902, pp 31-32  
~~GPR-Minor Project Allocation~~

✓ UW Oshkosh - Bldg + Land - Approval of

UW Center-Marathon County - Approval of

→ Chiller Replacement, ~~\$169,500, Energy Conservation Allocation~~ R 3902, pp 31-32

Regent Flores asked if these requests were part of a larger plan or if they came to the regents on an ad hoc basis.

Regent Nikolay replied that the latter was currently the case, although the committee was considering another way of handling minor projects.

Regent Clusen added that some items were changes in or additions to projects that had been approved previously.

Put to the vote, Resolution 3902 was adopted unanimously.

Report of the Vice President

Allocation of Funds for Minor Projects

Regent Nikolay reported on discussion in committee regarding a proposed procedure for the allocation of funds for minor projects. The procedure was intended to strengthen the planning process by allocating an identified amount to each university and having them submit projects against their entitlement. Several formulas for the distribution were discussed, and a recommendation was to be presented to the board for action next month. One option being considered was a flat dollar amount along with a percentage based on the gross square footage on each campus.

*✓ UW-Green Bay - Committee discussion on*

Use of Private Funds for Construction Projects, p. 33

*✓ xry UW-Whitewater - (same)*

The committee began discussion on use of private funds for construction of UW System facilities. President Shaw recently had appointed a committee to address use of private funds pledged for the construction of auditoriums and convocation centers at UW-Green Bay and UW-Whitewater, and that committee's recommendations were to be considered in developing a suggested policy on the use of private funds for all categories of construction.

Postponement of Asbestos Report

A status report on the system's asbestos monitoring program was postponed at the request of Vice President Brown, to provide time to develop a more complete report.

Status of Projects

Vice President Brown reported to the committee that 29 projects had been bid since the July meeting, with prebid budgets totaling \$7,053,750. Thirteen projects were bid at the approved level, four exceeded the approved budgets by \$76,768, and twelve were below the approved budgets by \$180,550. Thus, a net total of \$103,782 of funding authorization was not needed.

Relocation Assistance Payments

Regent Nikolay noted that he had sent a memorandum to all regents earlier this month, advising that the Physical Planning and Development Committee did not recommend development of a regent policy regarding relocation assistance payments. If regents felt the present statutory provisions were too generous, they were encouraged to contact their legislative representatives and recommend statutory changes to modify the program.

*✓ Camp Randall - Request tour of facilities planned for Nov. 7, 1987, p. 33*

Regent Tour of Camp Randall Stadium Facilities

Regent Schilling suggested that the Physical Planning and Development Committee might wish to arrange a tour of the Camp Randall Stadium facilities at UW-Madison.

Chairman Nikolay agreed with the idea and asked Acting Chancellor Cohen if such a tour could be scheduled.

Replying in the affirmative, Dr. Cohen suggested that a tour might be scheduled for Saturday, November 7.

Regent Meetings - Acceptance of

**ADDITIONAL RESOLUTIONS**

Invitation to Hold May 1988 Meetings at UW-Milwaukee, R 3903, p. 34

Resolution 3903 was moved by Regent Nicholas, seconded by Regent Clusen and adopted unanimously by the board.

X ref UW-Milw - (same)

Resolution 3903: That the Board of Regents accepts the invitation of Chancellor Smith to hold the May 5 and 6, 1988, meetings at UW-Milwaukee.

Regent Committee - Selection Com for UW-Stout Chancellor - appointments committee:

**UNFINISHED AND ADDITIONAL BUSINESS**

Appointment of Regent Selection Committee for UW-Stout Chancellor

President Weinstein announced the appointment of the Regent Selection Committee for UW-Stout Chancellor: Regents Clusen (Chair), Fish, Hassett, Nicholas and Vattendahl, with Regents Weinstein and Schilling serving as ex officio members, p. 34

X ref ea. Regent name w/ initials - Appointed to Regent Selection Committee for UW-Stout Chancellor, p. 34

Appointment of Regent Committee on Personnel Grievance

Regent Committee - Personnel Grievance - Appointments of committee

Appointment of a Regent Committee on a personnel grievance was announced by President Weinstein as follows: Regents Schilling (Chair), Hanson, and Nicholas, with Regent Weinstein serving as an ex officio member, p. 34

X ref ea. Regent name w/ initials - Appointed to Regent Committee on Personnel Grievance, p. 34

At 11:20 a.m., the following resolution, moved by Regent Schilling, and seconded by Regent Schenian, was unanimously adopted on a roll call vote, with Regents Clusen, Fish, Flores, Grover, Hanson, Hassett, Heckrodt, Lyon, Nicholas, Nikolay, Schenian, Schilling, Vattendahl and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 3904: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider appointments to the UW-Green Bay, UW-Milwaukee and UW-Whitewater boards of visitors, as permitted by s. 19.85(1)(f), Wis. Stats., and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

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CLOSED SESSION ACTIONS

The board arose from closed session at 11:35 a.m. and made the following announcements:

~~UW-Whitewater - Board of Visitors~~

Resolution 3905: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the following appointments and reappointments be made to the UW-Whitewater Board of Visitors:

→ Mark Cullen, appointment<sup>ed</sup> for a term ending June 30, 1990;

Doris Highsmith, reappointment<sup>ed</sup> for a term ending June 30, 1990;

Patricia Jones, appointment<sup>ed</sup> for a term ending June 30, 1990;

Marvin Paitrick, Jr., reappointment<sup>ed</sup> for a term ending June 30, 1990; and

Joe Schopen, reappointment<sup>ed</sup> for a term ending June 30, 1990, R. 3905, p. 35

Resolution 3906: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the following appointments be made to the UW-Green Bay Board of Visitors:

~~UW-Green Bay - Board of Visitors~~

→ Thomas D. Arndt, appointment<sup>ed</sup> for a term ending June 1989;

✓ Judith Crain, appointment<sup>ed</sup> for a term ending June 1990;

✓ Dorothy Galiger, appointment<sup>ed</sup> for a term ending June 1990;

✓ Bonnie M. Hughes, reappointment<sup>ed</sup> for a term ending June 1990;

✓ Ronald A. Pascale, appointment<sup>ed</sup> for a term ending June 1990; and

✓ John E. Powless, Jr., appointment<sup>ed</sup> for a term ending June 1990

), R 3906, p. 35

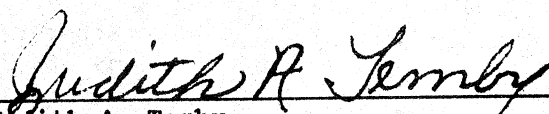
Resolution 3907:

~~That, upon the recommendation of the UW-Milwaukee  
Chancellor and the President of the University of  
Wisconsin System~~ Mrs. Audrey C. George and Mr.  
James DeNemie are appointed to the UW-Milwaukee Board  
of Visitors, for terms ending in May 1990, R 3907,

✓  
UW-Milwaukee - Board of Visitors

P. 30

The meeting was adjourned at 11:35 p.m.

  
\_\_\_\_\_  
Judith A. Temby  
Secretary

October 1, 1987

0178X

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1.	MULTIPLE DONORS PROFESSIONAL IMPROVEMENT OF THE RECREATION RESOURCE CENTER STAFF MSN AG&LSC N R-RECR RSCRC C	(133-D074)	860.00
2.	WISCONSIN YOUTH SYMPHONY ORCHESTRAS MADISON, WI SUPPORT OF WISCONSIN YOUTH SYMPHONY ORCHESTRAS FOR THE PERIOD 07-01-86 THRU 06-30-88 MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU	(133-K525)	35,820.64
3.	ADOLESCENT PREGNANCY PREVENTION SERVICES BD. MADISON, WI SURVEY ON HUMAN GROWTH AND DEVELOPMENT ADVISORY COMMITTEES MSN OUTRCH GOVRMNTL AFFAIRS	(133-L565)	600.00
4.	WISC DEPT OF TRANSPORTATION MADISON, WI SUPPORT OF THE UNIVERSITY OF WISCONSIN TRANSPORTATION POLICY STUDIES INSTITUTE DURING 1987-1988 FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # TRG 10168 MSN ENGR ENGR PRFSNL DVLDP	(133-L888)	20,000.00
5.	WISC DEPT OF TRANSPORTATION MADISON, WI SUPPORT OF PHYSICAL RESEARCH PROGRAM DEVELOPMENT BY THE UNIVERSITY OF WISCONSIN TRANSPORTATION POLICY STUDIES INSTITUTE DURING 1987-88 FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # TRG 10167 MSN ENGR ENGR PRFSNL DVLDP	(133-L889)	10,000.00
6.	SUPPORT WEED CONTROL RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-7714)	
	800.00	MULTIPLE DONORS	
	1,000.00	ICI AMERICAS INC. WILMINGTON, DE	
	500.00	MULTIPLE DONORS	
	1,000.00	FMC CORPORATION PRINCETON, NJ	
	500.00	MULTIPLE DONORS	
			3,800.00
7.	WISCONSIN CROP IMPROVEMENT ASSOC. MADISON, WI SUPPORT CROP EVALUATION MSN AG&LSC AGRONOMY	(133-8685)	40,000.00



GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. HEWLETT PACKARD  
PALO ALTO, CA  
HP 9000 COMPUTER SYSTEMS  
MSN L&S COMPUTER SCI
2. APPLE COMPUTER INC.  
CUPERTINO, CA  
MACINTOSH SE COMPUTER, PRINTER, AND SOFTWARE  
MSN ENGR CMPTR-AIDED ENGR
3. MS. HSIAO-CHIN HSIEH  
MADISON, WI  
381 VOLUMES OF CHINESE FOLK LITERATURE  
MSN LIBR GEN OPERATIONS LIB ACQSTN
4. WISCONSIN ALUMNI ASSOCIATION  
MADISON, WI  
HERMAN MILLER OFFICE WORKSTATION UNITS, WORD  
PROCESSING EQUIPMENT, MISCELLANEOUS EQUIPMENT  
AND FURNITURE, ACCOUNTING SOFTWARE, COLORHEAD  
FOR PRESS.  
MSN BUS SV STORES D WIS ALUMNI
5. IBM CORPORATION  
THORNWOOD, NY  
IBM ASSEMBLY ROBOT  
MSN ENGR ENGR EXPER STA MFG SY ENG
6. MANITOBA NATURAL RESOURCES, WILDLIFE BRANCH  
WINNIPEG, MANITOBA, CANADA  
1975 CHEVY SUBURBAN TRUCK  
( SERIAL # CCY-165F140348 )  
MSN AG&LSC N R-WILDLIF ECOL

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL RESOURCES CENTER PROGRAM  
SOUTHEAST ASIAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # G008540532  
MSN L&S SPECIAL PROJECTS SE ASIA ST (144-Z709) 110,511.00
2. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
NIMH CLINICAL TRAINING  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 TO1 MH18506-02  
MSN HS-MED PSYCHIATRY (144-Z457) 79,068.00
3. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1) PREDOCTORAL TRAINING IN FAMILY MEDICINE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$126,188.00 AWARD # 5 D15 PE85035-05, MOD. 1 MSN HS-MED FAM MED & PRACT	(144-Z330)	25,501.00
2) GRADUATE TRAINING PROJECT IN MATERNAL/NEWBORN NURSING FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # MCJ-000134-24-0 MSN HS-NUR	(144-Z495)	142,120.00
3) GRADUATE TRAINING IN CHILD-ADOLESCENT NURSING FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # MCJ-009052-04-0 MSN HS-NUR	(144-Z498)	179,520.00
4) UNIVERSITY AFFILIATED PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # MCJ-000915-19-0 MSN GRAD WAISMAN CENTER	(144-Z526)	336,234.00
5) RESIDENCY TRAINING IN GIM AND/OR GP FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 2 D28 PE15218-09 MSN HS-MED MEDICINE GEN INT MD	(144-Z683)	192,240.00
4. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:		
1) TRAINING IN HUMAN CANCER BIOLOGY FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # 5 T32 CA09471-04 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-Z194)	162,038.00
2) TRAINING IN VIRAL ONCOLOGY FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 T32 CA09075-13 MSN HS-MED ONCOLOGY	(144-Z396)	184,948.00
3) PREDOCTORAL TRAINING IN EXPERIMENTAL ONCOLOGY FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 T32 CA09135-13 MSN HS-MED ONCOLOGY	(144-Z397)	460,324.00
4) POSTDOCTORAL TRAINING IN CHEMICAL CARCINOGENESIS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 T32 CA09020-13 MSN HS-MED ONCOLOGY	(144-Z398)	110,352.00
5. MADISON GENERAL HOSPITAL MADISON, WI INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER MSN HS-MED MEDICINE GASTROENT	(133-C433)	1,500.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

6.	UNIVERSITY PEDIATRIC ASSOCIATION MADISON, WI INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER MSN HS-MED PEDIATRICS (133-C437)	7,400.00
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GM FACULTY PROFESSIONAL DEVELOPMENT GRANT MSN ENGR OPERATIONS (133-K197)	5,000.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTEGRATED LIBERAL STUDIES PROGRAM FUND MSN L&S INTEG LIB STU (133-L455)	1,000.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CHAIRMAN OF THE AMERICAN INSTITUTIONS PROGRAM MSN L&S INTRDPT CR PROGS AMER INST (133-3804)	10,775.26
10.	MASTER BREWERS ASSOCIATION MADISON, WI SHORT COURSE IN BREWING AND MALTING SCIENCE MSN AG&LSC FOOD SCIENCE (133-8831)	2,925.00

## LIBRARIES

1.	COUNCIL OF WISCONSIN LIBRARIANS, INC. MADISON, WI WISCONSIN LIBRARY CONSORTIUM FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN LIBR WIS INTRLIB SVCS (133-B180)	121,117.00
2.	MULTIPLE DONORS PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ (133-F543)	5.00
3.	MULTIPLE DONORS FRIENDS OF THE MEDICAL LIBRARY FUND MSN HS-ADM LIBRARY (133-5690)	10.00
4.	WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN INTERLIBRARY SERVICES (WILS) FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN LIBR WIS INTRLIB SVCS (133-8791)	211,238.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

1. MULTIPLE DONORS  
ALLEN, PAUL J.--BOTANY LECTURES  
MSN L&S BOTANY ( TRUST ) 25.00
2. CRAY RESEARCH, INC.  
CHIPPEWA FALLS, WI  
COMPUTER SCIENCES DEPARTMENT--FACULTY DEVELOPMENT  
FUND #2  
MSN L&S COMPUTER SCI ( TRUST ) 5,000.00
3. XEROX FOUNDATION  
STAMFORD, CT  
COMPUTER SCIENCE DEPARTMENT FACULTY DEVELOPMENT  
FUND # 3  
MSN L&S COMPUTER SCI ( TRUST ) 7,500.00
4. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
HAGENAH, WILLIAM J.--DEBATE AWARDS  
MSN L&S COMMUN ARTS ( TRUST ) 1,984.73
5. FIRST WISCONSIN -MADISON  
MADISON, WI  
SCHORGER, A.W. TRUST  
SCHORGER, A.W.--WILDLIFE ECOLOGY  
MSN AG&LSC N R-WILDLIF ECOL ( TRUST ) 13,581.79
6. STATE NATIONAL BANK  
EVANSTON, IL  
STALEY, KATE ESTATE  
MEEK, WALTER MEMORIAL TRUST FUND  
MSN HS-MED PHYSIOLOGY ( TRUST ) 5,024.69
7. AGRICULTURE, DEPT. OF  
WASHINGTON, DC  
DEVELOPMENT AND OPERATION OF AGRICULTURAL  
EXTENSION PROGRAMS-SECTION I AND SECTION II  
FOR THE PERIOD 04-30-86 THROUGH 12-31-87  
AT A TOTAL COST OF \$169,653.12  
AWARD # 53-319R-6-053, MOD. 3  
MSN AG&LSC INTL AG PRGS-ADM ( 144-X865 ) 41,872.00
8. EDUCATION, DEPT OF  
WASHINGTON, DC  
FULBRIGHT-HAYS GROUP PROJECTS ABROAD PROGRAM  
(700,000 EQUIVALENT IN INDIAN RUPEES TO BE  
USED IN INDIA)  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # GOO8740061  
MSN G E A INTL STU & PROGS
9. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN VOCATIONAL EDUCATOR MAGAZINE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # P.O. #PAH00148  
MSN EDUC WIS VOC STU CTR W VOC ST C ( 144-Z669 ) 19,892.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

- |     |   |            |
|-----|---|------------|
| 10. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>WISCONSIN CAREER INFORMATION SYSTEM:<br>ENCOURAGING NON-TRADITIONAL CAREER SELECTION<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # P.O. #PAH00149<br>MSN EDUC WIS VOC STU CTR W VOC ST C (144-Z671) | 16,371.00  |
| 11. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>SINGLE PARENT STAFF AND STUDENT DEVELOPMENT<br>PROJECT<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # P.O. #PAH00150<br>MSN EDUC WIS VOC STU CTR W VOC ST C (144-Z673)                               | 85,466.00  |
| 12. | DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES<br>KANSAS CITY, MO<br>UNIVERSITY AFFILIATED FACILITY -<br>ADMINISTRATION AND OPERATIONS<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # ODD0273/16<br>MSN GRAD WAISMAN CENTER (144-Z634)  | 175,000.00 |
| 13. | INTERIOR, DEPT OF<br>OMAHA, NB<br>COOPERATIVE EDUCATION AGREEMENT<br>FOR THE PERIOD 06-01-87 THROUGH 05-31-92<br>AWARD # AGR DTD 06-18-87<br>MSN ENV ST INSTRUCTNL PROG INSTR PROG  |            |
| 14. | NATIONAL ENDOWMENT FOR THE HUMANITIES<br>WASHINGTON, DC<br>NEH - FRANK LLOYD WRIGHT EXHIBITION<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-89<br>AWARD # GM-23464-87<br>MSN L&S ELVJM MUSEUM ART (144-Z618)  | 205,560.00 |
| 15. | UNIVERSITY SURGICAL ASSOCIATES<br>MADISON, WI<br>SUPPORT AUDIOLOGIST<br>MSN HS-MED SURGERY (133-A013)   | 44,921.00  |
| 16. | UNIVERSITY PHYSICIANS IN PATHOLOGY<br>MADISON, WI<br>SUPPORT OPERATION OF THE DEPARTMENT OF PATHOLOGY<br>MSN HS-MED PATHOL & LAB MED ANAT PATH (133-A524)   | 21,000.00  |
| 17. | UNIVERSITY PEDIATRIC ASSOCIATION<br>MADISON, WI<br>DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY<br>FUND<br>MSN HS-MED PEDIATRICS (133-A528)  | 48,758.53  |

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18.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751)	500.00
19.	CENTER FOR PUBLIC REPRESENTATION, INC. MADISON, WI DEFRAY CONSULTANT, PROJECT ASSISTANT AND XEROXING COSTS AT THE CENTER FOR PUBLIC REPRESENTATION MSN LAW LAW SCHOOL (133-B156)	150.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ELVEHJEM ART CENTER MSN L&S ELVJM MUSEUM ART (133-B163)	5,500.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EXHIBITION FUNDS MSN L&S ELVJM MUSEUM ART (133-B418)	3,500.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM (133-B663)	5,200.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEYER PROFESSORSHIP IN ACCOUNTING MSN BUS SCH OF BUSINESS (133-C281)	420,000.00
24.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY (133-C334)	44,907.00
25.	LUNAR RADIATION CORP. MADISON, WI SUPPORT PROGRAMS IN MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS (133-C756)	10,000.00
26.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796)	10,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS UNRESTRICTED GRANT FOR COLLEGE OF ENGINEERING MSN ENGR OPERATIONS (133-D136)	7,000.00

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28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF SALARY OF EXECUTIVE DIRECTOR OF BADGER BASKETBALL BOOSTERS MSN ATH GENERAL OPERATNS ADMIN (133-D407)	3,132.08
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY PORTION OF SALARY OF UNIVERSITY CLUB FACILITIES COORDINATOR MSN UNION GENERAL (133-D503)	1,605.48
30.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY (133-D957)	6,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY SALARY COST FOR PART-TIME GYMNASTICS COACH (MEN) MSN ATH GENERAL OPERATNS ADMIN (133-E163)	835.89
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY SALARY COST FOR ASSISTANT SWIMMING COACH (WOMEN) MSN ATH WOMENS INTRC ATH WOM I ATH (133-E164)	54.50
33.	MULTIPLE DONORS UNIVERSITY OF WISCONSIN HOSPITAL & CLINICS BURN CENTER MSN HS-HSP ADMINISTRATION ADMIN (133-E213)	35.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASEBALL SPRING TRIP EXPENSES MSN ATH GENERAL OPERATNS ADMIN (133-E448)	7,500.49
35.	MULTIPLE DONORS ASHLAND EXPERIMENT STATION SPECIAL EVENTS ACCOUNT MSN AG&LSC ASHLAND RES STA (133-E536)	50.00
36.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)	1,348.14
37.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-E649)	3,500.00

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38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR THE DEPARTMENT OF INDUSTRIAL ENGINEERING MSN ENGR INDUSTRIAL ENGR (133-F084)	2,726.15
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM MEMBERSHIP SERVICES MSN ARBOR ARBORETUM (133-F485)	300.00
40.	MULTIPLE DONORS ANALYTICAL SERVICE ACCOUNT MSN HS-PHR PHARMACY (133-F529)	90.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR ASSISTANT WRESTLING COACHES MSN ATH GENERAL OPERATNS ADMIN (133-F683)	2,749.98
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR ASSISTANT BASKETBALL COACH MSN ATH GENERAL OPERATNS ADMIN (133-F684)	8,301.11
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR PROGRAM COORDINATOR MSN ATH GENERAL OPERATNS ADMIN (133-F697)	446.19
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART (133-G348)	3,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF HOCKEY COACHES SALARIES MSN ATH GENERAL OPERATNS ADMIN (133-G588)	7,589.51
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR WOMEN'S GOLF COACH MSN ATH GENERAL OPERATNS ADMIN (133-G589)	9,042.60
47.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY (133-G608)	55.00
48.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY ADA, OH HISTORY OF PHARMACY PROGRAM MSN HS-PHR PHARMACY (133-G642)	629.28
49.	MOBIL FOUNDATION, INC. NEW YORK, NY UNRESTRICTED GRANT MSN L&S CHEMISTRY (133-G681)	5,000.00



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50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR HEALTH ECONOMICS AND LAW EXPENSES MSN L&S ECONOMICS (133-G682)	15,500.00
51.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH DISCRETIONARY FUNDS FOR LIAISON OFFICER COMMUNICATION ACTIVITY FOR THE PERIOD 07-01-84 THRU 05-31-88 AT AN \$26,000 LEVEL MSN G E A INTL STU & PROGS (133-H552)	7,500.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALUMNI CENSUS MSN AC SVC OFF OF REGISTRAR ADMIN (133-H968)	30,000.00
53.	DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS (133-J188)	
	302.14 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NEIL M. FORD MADISON, WI	
	1,000.00	
	701.52 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		2,003.66
54.	ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, THE NETHERLANDS CARBOHYDRATE RESEARCH EDITORIAL EXPENSES MSN AG&LSC BIOCHEMISTRY (133-J457)	1,215.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PUBLIC EDUCATION PROGRAM SUPPORT MSN ARBOR ARBORETUM (133-J690)	727.56
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS (133-J724)	3,500.00
57.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	500.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAROLD AND LUCILLE VOLLAND MEMORIAL FUND MSN AG&LSC MEAT& ANIMAL SCI (133-J795)	500.00

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59.	MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-J847)	
	1,208.00	ZARNSTORFF, PROFESSOR WILLIAM C. MADISON, WI	
	5,000.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
			6,208.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT DISCRETIONARY FUND MSN L&S FRENCH & ITALIAN	(133-K219)	1,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-K243)	2,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED	(133-K244)	25,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR COACHING STAFF MSN ATH GENERAL OPERATNS ADMIN	(133-K302)	84,460.11
64.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	55.00
65.	MULTIPLE DONORS DIABETES RESEARCH & EDUCATION MSN HS-MED MEDICINE ENDOCRINOL	(133-K746)	300.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLADYS B BASSETT FUND MSN EDUC PHYS ED & DANCE	(133-K970)	16,286.00
67.	CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	
	300.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	500.00	MULTIPLE DONORS	
			800.00
68.	ALPHA 1 BIOMEDICALS, INC. WASHINGTON, DC AGING RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-L572)	5,000.00

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69.	MULTIPLE DONORS WAISMAN EARLY CHILDHOOD PROGRAM MSN GRAD WAISMAN CENTER	(133-L717)	155.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERSHEY FILM MSN AG&LSC FOOD SCIENCE	(133-L838)	17,000.00
71.	MULTIPLE DONORS FLORICULTURE RESEARCH MSN AG&LSC HORTICULTURE	(133-L839)	150.00
72.	WORTH PUBLISHERS, INC. NEW YORK, NY MANUSCRIPT PREPARATION FOR PRINCIPLES OF BIOCHEMISTRY-NELSON MSN AG&LSC BIOCHEMISTRY	(133-L850)	1,000.00
73.	MULTIPLE DONORS NURSING NEEDS FOR F4/4 MSN HS-HSP ADMINISTRATION ADMIN	(133-L852)	810.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL FUND MSN L&S ELVJM MUSEUM ART	(133-L891)	3,605.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL PHYSICS DEPARTMENTAL LIBRARY FUND MSN HS-MED MEDICAL PHYSICS	(133-L896)	1,000.00
76.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	
	1,795.20 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	500.00 MULTIPLE DONORS		
			2,295.20
77.	MULTIPLE DONORS SUPPORT SPEECH & HEARING CLINIC FOR HANDICAPPED CHILDREN MSN L&S COMMUN DISORDERS	(133-4598)	38.30
78.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	550.00 MULTIPLE DONORS		
	24,856.00 WASHINGTON UNIVERSITY ST. LOUIS, MO		
	50.00 MULTIPLE DONORS		
	135.00 MULTIPLE DONORS		
	150.00 MULTIPLE DONORS		
	100.00 MULTIPLE DONORS		
	250.00 MULTIPLE DONORS		

26,091.00

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79.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)	205.00
80.	UNIVERSITY PHYSICIANS IN PATHOLOGY MADISON, WI DEPARTMENT OF PATHOLOGY CHAIRMAN'S UNRESTRICTED FUND MSN HS-MED PATHOL & LAB MED (133-6647)	30,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-6718)	500.00
82.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL (133-6741)	2,000.00
83.	ROHM AND HAAS COMPANY PHILADELPHIA, PA CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-6936)	6,000.00
84.	MULTIPLE DONORS DEPARTMENT OF MATHEMATICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S MATHEMATICS (133-7391)	515.00
85.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)	30.00
86.	MULTIPLE DONORS SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE (133-8343)	875.00
87.	MULTIPLE DONORS SCHOOL OF JOURNALISM AND MASS COMMUNICATION DISCRETIONARY ACCOUNT MSN L&S JOURN & MASS COM (133-9465)	543.31
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-9597)	6,133.63

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## PHYSICAL PLANT

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREW HOUSE REMODELING MSN ATH GENERAL OPERATNS ADMIN	( 133-K688 )	11,984.20
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMMUNICATIONS CENTER REMODELING MSN ATH GENERAL OPERATNS ADMIN	( 133-K689 )	15,017.25

## RESEARCH

1.	INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA, AUSTRIA MEASUREMENTS OF KERMA FACTORS FOR NEUTRONS OF ENERGIES ABOVE 14 MEV AGREEMENT AWARD # AGREEMENT NO. 4752/CF MSN HS-MED MEDICAL PHYSICS		
2.	EARNINGS ON SHARES REC'D IN ESTATE PHANEUF, DUANE MEMORIAL FUND MSN HS-MED	( TRUST )	44.61
3.	NORWEST BANK MINNEAPOLIS MINNEAPOLIS, MN LYNUM, EDITH ESTATE LYNUM, EDITH H.--MEDICAL RESEARCH FUND MSN HS-MED	( TRUST )	3,756.45
4.	MULTIPLE DONORS ANATOMY DEPARTMENT RESEARCH FUND MSN HS-MED ANATOMY	( TRUST )	25.00
5.	FIRST WISCONSIN-PORTAGE PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK RESEARCH FUND IN CONSERVATION MSN AG&LSC NAT RSRCS- ADMIN	( TRUST )	582.78
6.	AMERICAN CANCER SOCIETY-WISCONSIN DIVISION MADISON, WI FORBES, JENNIE MARIE ESTATE FORBES, JENNIE--CANCER RESEARCH FUND MSN HS-MED ONCOLOGY	( TRUST )	27,219.27
7.	MCARDLE LABORATORY FOR CANCER RESEARCH DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	
	62,249.19 TROY, MARY M. ESTATE MAUSTON, WI		
	406.90 CURRAN, CHARLES P. PERSONAL REP FALL RIVER CHARITY FUND FALL RIVER, WI		
	761.00 ORCHARD RIDGE HEALTH FUND DRIVE MADISON, WI		

63,417.09

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RESEARCH

8.	WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	( TRUST )	
	2,965.00	MULTIPLE DONORS	
	250.00	LONGACRE, MR. & MRS. WALTER MANITOWOC, WI	\$ 100.00
		MULTIPLE DONORS	\$ 150.00
			3,215.00
9.	MULTIPLE DONORS IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	( TRUST )	25.00
10.	OWENS, EVALYN B. ESTATE MC ALLEN, TX OWENS, EMERY--MEMORIAL FUND IN AGRICULTURAL RESEARCH MSN AG&LSC ADMIN-DEAN & DIR	( TRUST )	25,000.00
11.	FUCHS, ELLA L. ESTATE SAUK CITY, WI PRINCIPAL AND INCOME IS AVAILABLE FOR THE PURPOSE OF HUMAN KIDNEY RESEARCH AS RECOMMENDED TO THE DEAN BY THE MEDICAL SCHOOL RESEARCH COMMITTEE. FUCHS, ELLA L.--KIDNEY RESEARCH MSN HS-MED	( TRUST )	52,467.34
12.	AGRICULTURE, DEPT. OF MINNEAPOLIS, MN SCREENING FOR BACTERIAL RING ROT RESISTANCE IN THE INTER-REGIONAL POTATO (IR-1) GERMPLASM COLLECTION FOR THE PERIOD 06-10-86 THROUGH 06-30-88 AT A TOTAL COST OF \$22,025.00 AWARD # 58-5759-6-7, MOD. 1 MSN AG&LSC PLANT PATHOLOGY	( 144-Y108 )	5,975.00
13.	AGRICULTURE, DEPT. OF ST PAUL, MN DEVELOPMENT OF SHOOT AND PROTOPLAST CULTURES FOR GENERATION OF POPULUS AND LARIX SOMACLONES FOR THE PERIOD 06-23-87 THROUGH 12-30-90 AWARD # 23-87-09 MSN AG&LSC HORTICULTURE	( 144-Z601 )	39,800.00
14.	AGRICULTURE, DEPT. OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
	1) USDA 1987 RESEARCH APPRENTICESHIP FOR THE PERIOD 06-01-87 THROUGH 09-30-87 AWARD # AGR DTD 05-11-87 MSN AG&LSC HORTICULTURE	( 144-Z624 )	1,350.00
	2) USDA RESEARCH APPRENTICESHIP PROGRAM FOR THE PERIOD 06-01-87 THROUGH 09-30-87 AWARD # AGR DTD 06-08-87 MSN AG&LSC MEAT & ANIMAL SCI	( 144-Z656 )	1,150.00

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## RESEARCH

15. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH AGRIC  
EVALUATION OF INSECTICIDES ON MINOR CROP USE  
FOR THE PERIOD 04-08-87 THROUGH 06-30-88  
AWARD # P.O. # 39632-6  
MSN AG&LSC ENTOMOLOGY (144-Z639) 1,000.00
16. AGRIC, FOREST SERVICE  
MADISON, WI  
THERMOPLASTIC-WOOD FIBER COMPOSITES  
FOR THE PERIOD 04-14-87 THROUGH 06-30-87  
AWARD # FP-87-0956  
MSN ENGR ENGR EXPER STA CHEM ENGR
17. AGRIC, FOREST SERVICE  
MADISON, WI  
THE STUDY OF FURAN DERIVATIVES AND THEIR  
RELATIONSHIP TO ADHESIVE FORMULATION AND  
PROPERTIES  
FOR THE PERIOD 06-17-87 THROUGH 08-31-88  
AWARD # FP-87-0964  
MSN ENGR ENGR EXPER STA CHEM ENGR
18. AGRIC, FOREST SERVICE  
MADISON, WI  
EQUIPMENT GRANT TO PURCHASE DEVICE TO MEASURE  
LOCALIZED SLOPE-OF-GRAIN IN LUMBER  
FOR THE PERIOD 04-01-87 THROUGH 12-31-87  
AWARD # FP-87-0966  
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-Z675) 17,430.00
19. AGRIC, SCIENCE AND EDUCATION ADMIN.  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) A RECOMBINANT DNA APPROACH TO UNDERSTANDING  
THE PEA ENATION MOSAIC VIRUS GENOME  
FOR THE PERIOD 09-01-87 THROUGH 08-31-89  
AWARD # 87-CRCR-1-2345  
MSN AG&LSC PLANT PATHOLOGY (144-Z632) 100,000.00
- 2) ONTOGENY AND CONTROL OF DEVELOPMENT  
OF BOVINE PREIMPLANTATION EMBRYOS  
FOR THE PERIOD 09-15-87 THROUGH 09-30-90  
AWARD # 87-CRCR-1-2303  
MSN AG&LSC MEAT& ANIMAL SCI (144-Z633) 142,500.00
- 3) INVESTIGATION OF A MECHANISM OF XENOBIOTIC  
DETOXICATION BY PLANTS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-89  
AWARD # 87-CRCR-1-2367  
MSN AG&LSC AGRONOMY (144-Z644) 98,700.00
- 4) A CALCIUM-ACTIVATED PLASMA MEMBRANE PROTEIN KINASE  
& THE RAPID GROWTH RESPONSE OF OAT CELLS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-90  
AWARD # 87-CRCR-1-2357  
MSN AG&LSC HORTICULTURE (144-Z645) 130,000.00

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- 5) INTERNATIONAL SYMPOSIUM ON PLANT  
TRANSPOSABLE ELEMENTS  
FOR THE PERIOD 06-15-87 THROUGH 12-31-87  
AWARD # 59-3159-7-30  
MSN AG&LSC GENETICS (144-Z717) 10,000.00
- 6) INSECTICIDE RESISTANCE MANAGEMENT IN POTATOES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 87-CRSR-2-3164  
MSN AG&LSC ENTOMOLOGY (144-Z718) 11,491.00
20. REPUBLIC OF THE PHILIPPINES  
MANILA, PI  
PRIME CONTRACTOR WITH AID  
NON-CONVENTIONAL ENERGY PROJECT UNIVERSITY OF  
THE PHILIPPINES GRADUATE ENERGY PROGRAM  
FOR THE PERIOD 02-20-84 THROUGH 09-30-87  
AT A TOTAL COST OF \$1,045,000.00  
AWARD # AGR DTD 2/20/84  
MSN ENGR ENGR EXPER STA INTL ENGRG (144-U149) 135,000.00
21. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) THE DIAGNOSTICS AND PREDICTION OF DROUGHT  
IN SUBSAHARAN AFRICA  
FOR THE PERIOD 07-01-86 THROUGH 06-30-88  
AT A TOTAL COST OF \$95,901.00  
AWARD # NA86AA-D-ACO64, MOD. 1  
MSN L&S METEOROLOGY (144-Y185) 48,463.00
- 2) NATIONAL SEA GRANT COLLEGE PROGRAM  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # NA84AA-D-00065 #5  
MSN GRAD SEA GRANT INSTIT (144-Z530) 1,838,000.00
- 3) HIGH-RESOLUTION INTERFEROMETER MODIFICATION  
OF THE GOES I/M SOUNDER: FEASIBILITY STUDY  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # NA87AA-H-SPO85  
MSN GRAD SPACE SCI&ENG CT (144-Z684) 600,000.00
22. UNIVERSITY OF MARYLAND  
COLLEGE PARK, MD  
PRIME CONTRACTOR WITH DED  
FINANCIAL AND LEADERSHIP PROJECTS FOR THE NATIONAL  
CENTER FOR POSTSECONDARY GOVERNANCE AND FINANCE  
FOR THE PERIOD 12-01-85 THROUGH 11-30-87  
AT A TOTAL COST OF \$179,553.00  
AWARD # SUBCONTRACT #22229-D, MOD. 1  
MSN EDUC WIS CTR EDUC RES (144-X511) 60,453.00
23. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
ROLE OF CENTRAL CRF IN STRESS-INDUCED BEHAVIORS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 MH40855-02  
MSN HS-PSY PSYCHIATRIC INST (144-Z720) 85,767.00



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24. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) CLINICAL DEVELOPMENT OF ANTICANCER AGENTS  
FOR THE PERIOD 06-08-85 THROUGH 11-30-87  
AT A TOTAL COST OF \$776,859.00  
AWARD # NO1-CM-57735, MOD. 5  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-W667) 221,194.00
  - 2) CANCER CENTER SUPPORT (COMPREHENSIVE)  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # 5 P30 CA14520-15  
MSN HS-MED HUMAN ONCOLOGY (144-Z104) 2,064,872.00
  - 3) EASTERN COOPERATIVE ONCOLOGY GROUP -  
OPERATIONS OFFICE  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # 5 U10 CA21115-12  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-Z197) 1,357,394.00
  - 4) METABOLISM AND FUNCTION OF THE FAT-SOLUBLE  
VITAMINS  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # 5 PO1 DK14881-17  
MSN AG&LSC BIOCHEMISTRY (144-Z284) 784,664.00
  - 5) THE HYPERTROPHIC CHONDROCYTE AND  
ITS PERICELLULAR MATRIX  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 AR35155-03  
MSN VET M CMPARTV BIOSCI'S (144-Z344) 64,255.00
  - 6) ANGIOTENSIN BINDING SITES AND ENDOCRINE CONTROL  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 R23 HL33563-03  
MSN VET M CMPARTV BIOSCI'S (144-Z350) 51,037.00
  - 7) PROTEOGLYCANS OF THE PLASMA MEMBRANE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 HD21881-03  
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-Z361) 123,492.00
  - 8) ANTICARCINOGENIC AGENTS IN ORANGE PEEL OIL  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 CA38128-04  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-Z371) 195,195.00
  - 9) STRUCTURE-FUNCTION RELATIONSHIPS OF ANTIESTROGENS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 CA32713-06  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-Z374) 98,820.00
  - 10) ENZYME CATALYSIS OF ELECTRON AND GROUP TRANSFER  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 DK28607-07  
MSN GRAD ENZYME INSTITUTE (144-Z379) 161,450.00

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11) MECHANISMS OF ENZYMATIC REACTIONS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM30480-07 MSN GRAD ENZYME INSTITUTE	( 144-Z380)	207,974.00
12) THE EPIDEMIOLOGY OF AGE-RELATED OCULAR DISEASE FOR THE PERIOD 06-16-87 THROUGH 05-31-88 AWARD # 1 UO1 EYO6594-01 MSN HS-MED OPHTHALMOLOGY	( 144-Z395)	749,902.00
13) AN EPIDEMIOLOGICAL STUDY OF DIABETIC RETINOPATHY FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 EYO3083-09 MSN HS-MED OPHTHALMOLOGY	( 144-Z399)	184,568.00
14) CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 KO8 HLO1147-05 MSN HS-MED MEDICINE ALLRGY&IMM	( 144-Z403)	54,564.00
15) A PHOTOAFFINITY LABELED ACYL COA FOR ADP/ATP CARRIER FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM35355-02 MSN HS-MED MEDICINE ENDOCRINOL	( 144-Z404)	71,786.00
16) PROTON-TRANSLOCATING SECTOR OF E. COLI H <sup>+</sup> -ATPASE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM23105-12 MSN HS-MED PHYSIOLOG CHEM	( 144-Z406)	188,649.00
17) VISUAL INTEGRATION IN THE BRAIN FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 EYO1916-12 MSN L&S PSYCHOLOGY	( 144-Z420)	165,116.00
18) RESEARCH CAREER AWARD FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 KO6 CA00685-27 MSN HS-MED ONCOLOGY	( 144-Z424)	31,950.00
19) DEVELOPMENT OF SENSORY-MOTOR CONTACTS IN SPINAL CORD OF RAT EMBRYOS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 NS23808-02 MSN HS-MED PHYSIOLOGY	( 144-Z450)	77,150.00
20) MECHANICAL PROPERTIES OF CA-ACTIVATED HEART MUSCLE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 HL25861-08 MSN HS-MED PHYSIOLOGY	( 144-Z454)	110,210.00
21) CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 KO8 NS01109-02 MSN HS-MED NEUROLOGY	( 144-Z458)	74,466.00

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- 22) PHOSPHOINOSITIDE REGULATION OF ERYTHROCYTE  
CYTOSKELETON  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 1 R29 GM38906-01  
MSN HS-MED PHARMACOLOGY (144-Z459) 104,227.00
- 23) MAMMARY CARCINOGENESIS - INTERSPECIES  
COMPARISONS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 2 RO1 CA30295-07  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-Z467) 157,249.00
- 24) CHARACTERIZING EARLY EVENTS IN MAMMARY  
CARCINOGENESIS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 1 RO1 CA44387-01  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-Z468) 188,716.00
- 25) CANNABINOIDS, PHOSPHOINOSITIDES AND EICOSANOIDS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 2 RO1 DAO3699-04  
MSN HS-MED PHARMACOLOGY (144-Z479) 114,571.00
- 26) (NA+K)-ATPASE: STRUCTURE, BIOSYNTHESIS AND  
REGULATION  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 2 RO1 GM33850-04  
MSN HS-MED PHARMACOLOGY (144-Z484) 189,675.00
- 27) DIGITALIS BINDING WITH NAK-ATPASE  
PHOSPHOPROTEOLIPOSOMES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 HL16549-12  
MSN HS-MED PHARMACOLOGY (144-Z492) 142,989.00
- 28) COCHLEAR-IMPLANT AND TACTILE-AID STUDYING WITH  
THE DEAF  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 1 RO1 NS25043-01  
MSN L&S COMMUN DISORDERS (144-Z523) 145,850.00
- 29) MECHANISM AND INHIBITION OF RIBONUCLEOTIDE  
REDUCTASES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 GM29595-08  
MSN AG&LSC BIOCHEMISTRY (144-Z528) 113,256.00
- 30) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 1 F32 GM11942-01  
MSN AG&LSC BIOCHEMISTRY (144-Z529) 18,996.00
- 31) TARGETED CORRECTION OF FAULTY HUMAN  
BETA-GLOBIN GENES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 HL37001-02  
MSN HS-MED GENETICS (144-Z602) 234,816.00

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32)	BEHAVIOR OF P FACTORS: MOVABLE ELEMENTS IN DROSOPHILA FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM30948-06 MSN HS-MED GENETICS	(144-Z603)	214,176.00
33)	PROTEIN AND THROMBUS DEPOSITION ON VASCULAR GRAFTS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 HL21001-10 MSN ENGR ENGR EXPER STA CHEM ENGR	(144-Z606)	155,410.00
34)	ANTIBODIES TO DISSECT SENSORY TRANSDUCTION IN PARAMECIUM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM32514-05 MSN AG&LSC BIOCHEMISTRY	(144-Z607)	158,169.00
35)	GENE FUNCTIONS AND MOLECULAR GENETICS OF RNA VIRUSES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM35072-03 MSN GRAD BIOPHYSICS	(144-Z608)	81,288.00
36)	IN-VIVO EVALUATION OF SURFACE-INDUCED THROMBOGENESIS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 HL24046-08 MSN ENGR ENGR EXPER STA CHEM ENGR	(144-Z612)	224,887.00
37)	CLEAVAGE, POLYADENYLATION, AND TRANSPORT OF MRNA FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM31892-05 MSN AG&LSC BIOCHEMISTRY	(144-Z613)	156,377.00
38)	STATISTICAL PROBLEMS IN CANCER RESEARCH FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 2 RO1 CA18332-13 MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM	(144-Z621)	115,314.00
39)	NATIONAL BIOMEDICAL NMR RESOURCE AT MADISON FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 P41 RRO2301-03 MSN AG&LSC BIOCHEMISTRY	(144-Z622)	244,433.00
40)	BIOSTATISTICAL METHODS FOR CANCER RESEARCH FOR THE PERIOD 07-01-87 THROUGH 05-31-88 AWARD # 1 R29 CA45313-01 MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM	(144-Z623)	53,610.00
41)	STUDIES OF ENZYME SUBSTRATES AND INHIBITORS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 DK20100-09 MSN HS-PHR PHARMACY	(144-Z625)	123,250.00

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42)	MICROCIRCULATION IN THE BEATING HEART FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 HL39282-01 MSN HS-MED MEDICINE	CARDIOLOGY	(144-Z626)	138,179.00
43)	WATERS DELTA PREP 3000 HPLC SYSTEM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 S15 DK39413-01 MSN HS-PHR PHARMACY		(144-Z628)	17,314.00
44)	INTERACTIONS IN VENTILATORY CONTROL DURING EXERCISE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 HL36780-01A1 MSN VET M CMPARTV BIOSCI'S		(144-Z629)	108,331.00
45)	PURINE BIOSYN ENZYMES: MECHANISM, INHIBITION, REGULATION FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 GM32191-05 MSN AG&LSC BIOCHEMISTRY		(144-Z630)	146,535.00
46)	ENZYMATIC N-METHYLATION OF CALMODULIN FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 NS24969-01 MSN HS-MED PEDIATRICS		(144-Z635)	121,198.00
47)	BOTULINUM NEUROTOXIN: STRUCTURE AND STRUCTURE- FUNCTION FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 NS17742-06 MSN AG&LSC FOOD MICRO&TOXIC		(144-Z638)	176,279.00
48)	TRANSMISSION AND CONTROL OF CALIFORNIA-GROUP VIRUSES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 AI07453-21 MSN AG&LSC ENTOMOLOGY		(144-Z643)	94,936.00
49)	STRUCTURE, SYNTHESIS AND ASSEMBLY OF PICORNAVIRUSES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 AI24939-01 MSN GRAD BIOPHYSICS		(144-Z657)	202,008.00
50)	INTESTINAL MUCOSAL FUNCTION IN DIABETES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 2 RO1 DK13927-18 MSN HS-MED MEDICINE	GASTROENT	(144-Z672)	101,333.00
51)	STEROID RECEPTORS AND ENZYMES IN THE FETAL BRAIN FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 HD18865-02 MSN L&S PRIMATE RES CTR		(144-Z685)	63,640.00

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52)	MOLECULAR ANALYSIS OF MITOTIC SPINDLE COMPONENTS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 2 RO1 GM30385-06 MSN GRAD MOLECULAR BIOL	(144-Z690)	128,801.00
53)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 K08 DK01789-01 MSN HS-MED MEDICINE GASTROENT	(144-Z692)	60,774.00
54)	BOTULINUM NEUROTOXIN: SEQUENCE AND ANTIGENIC SITES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 NS25063-01 MSN AG&LSC FOOD MICRO&TOXIC	(144-Z693)	200,321.00
55)	LANGUAGE DEVELOPMENT IN DOWN SYNDROME CHILDREN FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 RO1 HD23353-01 MSN GRAD WAISMAN CENTER	(144-Z694)	67,762.00
56)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 F32 AG05427-01 MSN HS-MED PHYSIOLOGY	(144-Z695)	24,996.00
57)	EXPERIMENTAL CNS MYELINATION IN TWO MYELIN MUTANTS FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 NS23124-02 MSN VET M MEDICAL SCIENCES	(144-Z696)	113,536.00
58)	FIBRONECTIN: ROLE IN PATHOGENESIS OF S. AUREUS INFECTIONS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 AI16881-05 MSN HS-MED MED MICROBIOLOGY	(144-Z702)	136,258.00
59)	IMMUNITY AND LATENCY IN CHLAMYDIAL INFECTIONS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 AI19782-04 MSN HS-MED MED MICROBIOLOGY	(144-Z704)	109,686.00
60)	LESION-INDUCED SYNAPTIC REORGANIZATION AND EPILEPSY FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 1 R29 NS25020-01 MSN HS-MED NEUROLOGY	(144-Z707)	98,200.00
61)	INDUCIBLE ERYTHROMYCIN RESISTANCE FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 AI18283-07 MSN HS-MED PHARMACOLOGY	(144-Z708)	144,218.00

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62)	MONOCLONAL ANTIBODY ANALYSIS OF MACROPHAGE ACTIVATION FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 2 RO1 AI21274-04 MSN HS-MED MED MICROBIOLOGY	(144-Z711)	122,099.00
63)	CELLULAR POTENTIAL CHANGES CAUSING CARDIAC ARRHYTHMIA FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 HL13375-17 MSN HS-MED PHYSIOLOGY	(144-Z713)	11,084.00
64)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 F32 HLO7655-01 MSN VET M CMPARTV BIOSCI'S	(144-Z719)	29,004.00
65)	NONPARAMETRIC ANALYSIS OF CENSORED DATA FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 CA35464-04 MSN L&S STATISTICS	(144-Z725)	35,443.00
66)	MICROSCOPE, SCINTILLATION COUNTER (2) ENVIRONMENTAL CHAMBER, DNA SYNTHESIZER FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 S15 HD23557-01 MSN GRAD	(144-Z733)	77,600.00
25.	DOD, AIR FORCE BOLLING AFB, DC IN SUPPORT OF THE FOLLOWING:		
1)	PROBLEMS IN NONLINEAR CONTINUUM DYNAMICS FOR THE PERIOD 09-15-87 THROUGH 09-14-88 AWARD # AFOSR-87-0315 MSN L&S MATH RES CTR	(144-Z686)	90,688.00
2)	SYMPOSIUM ON PARALLEL OPTIMIZATION FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # AFOSR-87-0303 MSN L&S COMPUTER SCI	(144-Z687)	24,233.00
26.	DOD, NAVY ARLINGTON, VA IN SUPPORT OF THE FOLLOWING:		
1)	PHARMACOLOGICAL STUDIES ON THE IN VITRO BRONCHODILATING OF OLIGO-PGBX FOR THE PERIOD 08-01-86 THROUGH 11-30-87 AT A TOTAL COST OF \$74,023.00 AWARD # NOO014-86-K-0490, MOD. 1 MSN HS-MED ANESTHESIOLOGY	(144-Y482)	40,600.00
2)	COLLECTION OF STATISTICS ON THE FREQUENCY OF CLOUD COVER OVER NORTH AMERICA FOR THE PERIOD 04-01-87 THROUGH 03-30-88 AWARD # NOO014-87-K-0436 MSN GRAD SPACE SCI&ENG CT	(144-Z641)	150,000.00

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27. 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 12-31-87  
AT A TOTAL COST OF \$289,998.00  
AWARD # NO0014-86-K-2001, MOD. 4  
MSN GRAD SPACE SCI&ENG CT (144-X097) 40,000.00
28. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) FUNDAMENTAL STUDIES OF NEW MAGNETIC  
HETEROSTRUCTURES: THEIR GROWTH, CRYSTALLOGRAPHIC  
STRUCTURE, MAGNETIC AND ELECTRONIC PROPERTIES  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # DE-FGO2-87ER45319  
MSN L&S PHYSICS (144-Z681) 115,000.00
- 2) EXPERIMENTAL AND KINETIC MODELING OF ACID/BASE  
AND REDOX REACTIONS OVER OXIDE CATALYSTS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # DE-FGO2-84ER13183  
MSN ENGR ENGR EXPER STA CHEM ENGR (144-Z691) 85,000.00
- 3) ORGANOMETALLIC CHEMISTRY OF BIMETALLIC COMPOUNDS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # DE-FGO2-85ER13406  
MSN L&S CHEMISTRY (144-Z716) 108,000.00
29. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
INSTITUTIONAL CONSERVATION PROGRAM  
FOR THE PERIOD 07-08-87 THROUGH 06-30-88  
AWARD # 88001  
MSN ENGR ENGR PRFSNL DVLP (144-Z735) 46,722.00
30. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
COLON CANCER INCIDENCE AND GROUNDWATER  
CONTAMINATION  
FOR THE PERIOD 08-01-86 THROUGH 10-31-87  
AT A TOTAL COST OF \$58,697.00  
AWARD # CR812252-02-0, MOD. 2  
MSN HS-MED PREVENTIVE MED (144-Y111) 15,000.00
31. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH INTERFWS  
ECOLOGY OF FISHES IN THE MADISON LAKES  
WITH APPLICATION FOR FISHERIES MANAGEMENT  
FOR THE PERIOD 09-09-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$147,965.00  
AWARD # PO #NRG90785, MOD. 2  
MSN L&S LIMNOLOGY CTR (144-Y546) 2,965.00



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## RESEARCH

32. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH INTERFWS  
ECOLOGY OF FISHES IN THE MADISON LAKES  
WITH APPLICATION FOR FISHERIES MANAGEMENT  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # P.O. #NRH 95331  
MSN L&S LIMNOLOGY CTR (144-Z466) 177,035.00
33. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH INTERFWS  
VACCINATION OF WOLVES WITH A CANINE  
PARVOVIRUS VACCINE  
FOR THE PERIOD 06-22-87 THROUGH 04-30-88  
AWARD # P.O. #92419  
MSN VET M PATHOBIOLGCL SCI (144-Z666) 9,000.00
34. INTER, OFFICE OF WATER RESEARCH AND TECH.  
RESTON, VA  
WISCONSIN WATER RESOURCES RESEARCH INSTITUTE  
PROGRAM FOR 1987  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 14-08-0001-G1458  
MSN GRAD WATER RESOURCES (144-Z647) 105,130.00
35. CALIFORNIA INSTITUTE OF TECHNOLOGY  
JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
STAR FORMATION IN HII REGIONS IN THE MAGELLANIC  
CLOUDS  
FOR THE PERIOD 06-30-87 THROUGH 06-29-88  
MSN L&S SPACE ASTRON LAB (144-Z714) 9,000.00
36. CALIFORNIA INSTITUTE OF TECHNOLOGY  
JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
IRAS OBSERVATIONS OF NEARBY DWARF IRREGULAR  
GALAXIES  
FOR THE PERIOD 06-30-87 THROUGH 06-29-88  
MSN L&S ASTRONOMY (144-Z715) 10,800.00
37. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
MICROGRAVITY EFFECT ON CYTOSKELETAL ORGANIZATION  
DURING FERTILIZATION & EARLY DEVELOPMENT, AND ON  
EMBRYONIC SKELETAL CALCIUM DEPOSITION  
FOR THE PERIOD 04-01-87 THROUGH 11-15-87  
AWARD # NAG 2-459  
MSN L&S ZOOLOGY (144-Z659) 13,000.00
38. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
ENERGY DIAGNOSTICS AND IMPACT STUDIES OF FGGE  
GLOBAL DATA SETS AND GLAS GCM SIMULATIONS  
FOR THE PERIOD 08-01-83 THROUGH 11-30-87  
AWARD # NAG 5-81, MOD. 7  
MSN GRAD SPACE SCI&ENG CT (144-T525) 50,000.00

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39. NASA, MARSHALL SPACE FLIGHT CENTER  
MARSHALL SPACE FLIGHT CENTER, AL  
IN SUPPORT OF THE FOLLOWING:
- 1) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT  
FOR THE PERIOD 09-04-81 THROUGH 09-30-88  
AT A TOTAL COST OF \$7,311,760.00  
AWARD # NAS5-26777, MOD. 33  
MSN L&S SPACE ASTRON LAB (144-R418) 40,000.00
  - 2) MANAGEMENT AND DISPLAY OF FOUR-DIMENSIONAL  
ENVIRONMENTAL DATA SETS USING MCIDAS  
FOR THE PERIOD 02-28-86 THROUGH 06-28-88  
AT A TOTAL COST OF \$550,462.00  
AWARD # NAS8-36292, MOD. 2  
MSN GRAD SPACE SCI&ENG CT (144-X669) 150,000.00
40. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) DICTIONARY OF AMERICAN REGIONAL ENGLISH  
FOR THE PERIOD 07-01-84 THROUGH 06-30-87  
AT A TOTAL COST OF \$604,185.76  
AWARD # RT-20460-84, MOD. 8  
MSN L&S ENGLISH (144-U546) 200.00
  - 2) CATALOGUE/EDITION OF 15TH CENTURY SPANISH  
CANCIONERO POETRY  
FOR THE PERIOD 06-01-87 THROUGH 06-30-88  
AWARD # RT-20580-85  
MSN L&S SPANISH & PORT (144-Z734) 36,144.31
41. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) PRESIDENTIAL YOUNG INVESTIGATOR AWARD  
FOR THE PERIOD 07-01-84 THROUGH 12-31-88  
AT A TOTAL COST OF \$110,000.00  
AWARD # DMS-8351124, MOD. 3  
MSN L&S MATHEMATICS (144-U682) 25,000.00
  - 2) PRESIDENTIAL YOUNG INVESTIGATOR AWARD  
FOR THE PERIOD 07-01-84 THROUGH 12-31-88  
AT A TOTAL COST OF \$130,000.00  
AWARD # MIP-8351260, MOD. 3  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-U740) 25,000.00
  - 3) PRESIDENTIAL YOUNG INVESTIGATOR AWARD  
FOR THE PERIOD 07-15-84 THROUGH 12-31-88  
AT A TOTAL COST OF \$212,500.00  
AWARD # ECS-8352356, MOD. 3  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-U767) 25,000.00

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- 4) LATE CENOZOIC GLACIAL HISTORY AND SOIL DEVELOPMENT  
IN ANTARCTICA  
FOR THE PERIOD 08-01-84 THROUGH 03-31-88  
AT A TOTAL COST OF \$143,317.00  
AWARD # DPP-8319477, MOD. 3  
MSN AG&LSC SOIL SCIENCE (144-U898) 29,584.00
- 5) ALKYLATION REACTIONS WITH ORGANOMETALLIC COMPOUNDS  
(CHEMISTRY)  
FOR THE PERIOD 09-01-84 THROUGH 02-28-89  
AT A TOTAL COST OF \$322,031.00  
AWARD # CHE-8406480, MOD. 4  
MSN L&S CHEMISTRY (144-W070) 80,000.00
- 6) MOLECULAR MECHANISMS OF RNA PROCESSING  
FOR THE PERIOD 06-15-85 THROUGH 11-30-88  
AT A TOTAL COST OF \$225,000.00  
AWARD # DMB-8505902, MOD. 2  
MSN HS-MED GENETICS (144-W629) 75,000.00
- 7) A BIOCHEMICAL AND MOLECULAR ANALYSIS OF MUTATIONS  
CAUSED BY TRANSPOSABLE ELEMENT INSERTION IN THE  
BZ LOCUS OF MAIZE  
FOR THE PERIOD 08-15-85 THROUGH 01-31-89  
AT A TOTAL COST OF \$234,139.00  
AWARD # DCB-8507895, MOD. 2  
MSN AG&LSC GENETICS (144-W758) 74,679.00
- 8) TEMPORALLY GUIDED RETRIEVAL FROM MEMORY  
FOR THE PERIOD 08-15-85 THROUGH 01-31-89  
AT A TOTAL COST OF \$97,911.00  
AWARD # BNS-8416300, MOD. 2  
MSN L&S PSYCHOLOGY (144-W783) 34,633.00
- 9) MATHEMATICAL SCIENCES: RESAMPLING METHODS IN  
STATISTICAL INFERENCE AND INFERENCE FROM  
SEQUENTIAL DESIGNS  
FOR THE PERIOD 06-15-85 THROUGH 11-30-88  
AT A TOTAL COST OF \$184,380.00  
AWARD # DMS-8502303, MOD. 3  
MSN L&S STATISTICS (144-W785) 68,680.00
- 10) MATHEMATICAL SCIENCES: EXPERIMENTAL DESIGN AND  
STATISTICAL METHODS FOR THE IMPROVEMENT OF  
QUALITY AND PRODUCTIVITY  
FOR THE PERIOD 06-15-85 THROUGH 11-30-88  
AT A TOTAL COST OF \$637,824.00  
AWARD # DMS-8420968, MOD. 2  
MSN L&S STATISTICS (144-W814) 214,624.00
- 11) MOLECULAR ANALYSIS OF COMPONENTS MEDIATING  
EMBRYONIC CELL ADHESION  
FOR THE PERIOD 08-01-85 THROUGH 01-31-89  
AT A TOTAL COST OF \$261,000.00  
AWARD # DCB-8511052, MOD. 3  
MSN L&S ZOOLOGY (144-W879) 4,000.00

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- |     |   |            |            |
|-----|---|------------|------------|
| 12) | AGGREGATION AND ADSORPTION INTERDEPENDENCE<br>IN HETEROGENEOUS SYSTEMS<br>FOR THE PERIOD 08-15-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$274,053.00<br>AWARD # ECE-8504276, MOD. 2<br>MSN GRAD WATER RESOURCES  | (144-X207) | 92,910.00  |
| 13) | THE ESTABLISHMENT OF A SCHOOL MATHEMATICS<br>MONITORING CENTER<br>FOR THE PERIOD 09-01-85 THROUGH 11-30-87<br>AT A TOTAL COST OF \$257,797.00<br>AWARD # SPA-8550193, MOD. 1<br>MSN EDUC WIS CTR EDUC RES   | (144-X292) | 26,501.00  |
| 14) | INTERMOLECULAR BONDING AND MICROPHASE<br>SEPARATION IN POLYURETHANE BLOCK POLYMERS<br>(MATERIALS RESEARCH)<br>FOR THE PERIOD 07-01-86 THROUGH 06-30-88<br>AT A TOTAL COST OF \$119,000.00<br>AWARD # DMR-8603839, MOD. 1<br>MSN ENGR ENGR EXPER STA MECH ENGR | (144-X774) | 40,000.00  |
| 15) | COMPARISON OF SEMI-LAGRANGIAN SCHEMES<br>ADAPTABLE TO GENERAL CIRCULATION MODELS<br>FOR THE PERIOD 05-01-86 THROUGH 10-31-88<br>AT A TOTAL COST OF \$50,000.00<br>AWARD # ATM-8517139, MOD. 1<br>MSN L&S METEOROLOGY  | (144-X850) | 25,000.00  |
| 16) | DENSITY MATRIX AND DENSITY FUNCTIONAL THEORY<br>(CHEMISTRY)<br>FOR THE PERIOD 06-15-86 THROUGH 11-30-88<br>AT A TOTAL COST OF \$88,000.00<br>AWARD # CHE-8519723, MOD. 1<br>MSN L&S CHEMISTRY   | (144-Y017) | 43,000.00  |
| 17) | TOPAZ - A LABORATORY FOR RESEARCH<br>IN PARALLEL COMPUTING<br>FOR THE PERIOD 07-01-86 THROUGH 12-31-88<br>AT A TOTAL COST OF \$1,925,611.00<br>AWARD # DCR-8521228, MOD. 1<br>MSN L&S COMPUTER SCI  | (144-Y055) | 823,450.00 |
| 18) | HIGH PERFORMANCE COMPUTING IN VLSI/ULSI<br>FOR THE PERIOD 06-15-86 THROUGH 11-30-88<br>AT A TOTAL COST OF \$179,050.00<br>AWARD # MIP-8604224, MOD. 1<br>MSN L&S COMPUTER SCI   | (144-Y067) | 94,124.00  |
| 19) | REACTIVE INTERMEDIATES IN ORGANIC SYNTHESIS<br>FOR THE PERIOD 07-01-86 THROUGH 12-31-88<br>AT A TOTAL COST OF \$196,519.00<br>AWARD # CHE-8603163, MOD. 1<br>MSN L&S CHEMISTRY  | (144-Y085) | 88,019.00  |

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|-----|---|-------------|-----------|
| 20) | CELLULAR SPECIALIZATION IN DEVELOPING ROOT<br>NODULES OF UREIDE-TRANSPORTING LEGUMES<br>FOR THE PERIOD 09-01-86 THROUGH 02-28-89<br>AT A TOTAL COST OF \$156,157.00<br>AWARD # DCB-8609059, MOD. 1<br>MSN L&S     BOTANY              | ( 144-Y220) | 67,166.00 |
| 21) | CHARACTERIZATION OF THE MOTILITY MACHINERY OF THE<br>GLIDING BACTERIUM CYTOPHAGA JOHNSONAE<br>FOR THE PERIOD 08-15-86 THROUGH 01-31-89<br>AT A TOTAL COST OF \$134,022.00<br>AWARD # DCB-8607871, MOD. 2<br>MSN AG&LSC BACTERIOLOGY   | ( 144-Y389) | 4,000.00  |
| 22) | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 06-01-86 THROUGH 05-31-88<br>AT A TOTAL COST OF \$4,800.00<br>AWARD # 800001084, MOD. 1<br>MSN L&S     LIMNOLOGY CTR  | ( 144-Y551) | 2,400.00  |
| 23) | STUDIES OF ELECTROGENERATIVE PROCESSES OF PROMISE<br>FOR THE PERIOD 12-01-86 THROUGH 05-31-88<br>AT A TOTAL COST OF \$97,180.00<br>AWARD # CBT-8612866, MOD. 1<br>MSN ENGR     ENGR EXPER STA     CHEM ENGR                           | ( 144-Y725) | 10,000.00 |
| 24) | CHARGED PARTICLE ACCELERATION MECHANISMS IN<br>SPACE PLASMAS--DOUBLE LAYERS<br>FOR THE PERIOD 11-15-86 THROUGH 04-30-88<br>AT A TOTAL COST OF \$58,000.00<br>AWARD # ATM-8611161, MOD. 1<br>MSN ENGR     ENGR EXPER STA     NUCL ENGR | ( 144-Y736) | 8,000.00  |
| 25) | FURTHER STUDIES OF FIRN TEXTURE AND DIAGENESIS<br>IN WEST ANTARCTICA<br>FOR THE PERIOD 12-01-86 THROUGH 05-31-88<br>AT A TOTAL COST OF \$54,725.00<br>AWARD # DPP-8521038, MOD. 1<br>MSN L&S     GEOL & GEOPHYSICS                    | ( 144-Y822) | 4,805.00  |
| 26) | INDUCED RESISTANCE TO A VIRAL PATHOGEN: A<br>MOLECULAR GENETIC APPROACH BASED ON CROSS<br>PROTECTION<br>FOR THE PERIOD 04-01-87 THROUGH 09-30-88<br>AWARD # DCB-8611420<br>MSN AG&LSC PLANT PATHOLOGY                                 | ( 144-Z298) | 62,217.00 |
| 27) | MODELING AND DIAGNOSTIC STUDIES OF THE TROPICAL<br>40-50 DAY OSCILLATION<br>FOR THE PERIOD 04-21-87 THROUGH 07-31-87<br>AWARD # ATM-8796267<br>MSN L&S     METEOROLOGY  | ( 144-Z317) | 26,000.00 |
| 28) | INFINITE PARTICLE SYSTEMS AND RELATED MODELS<br>FOR THE PERIOD 06-01-87 THROUGH 11-30-88<br>AWARD # DMS-8700831<br>MSN L&S     MATHEMATICS  | ( 144-Z348) | 46,900.00 |

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29)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 08-01-87 THROUGH 01-31-89 AWARD # BNS-8657304 MSN L&S ANTHROPOLOGY	(144-Z419)	25,000.00
30)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 06-15-87 THROUGH 11-30-88 AWARD # MSM-8657164 MSN ENGR ENGR EXPER STA MET & MIN	(144-Z524)	25,000.00
31)	SEMIPARAMETRIC ESTIMATION OF MULTIVARIATE LATENT VARIABLE MODELS FOR THE PERIOD 07-01-87 THROUGH 12-31-89 AWARD # SES-8707077 MSN L&S ECONOMICS	(144-Z604)	66,107.00
32)	FOUNDATIONS OF PHYLOGENETIC INFERENCE FOR THE PERIOD 06-19-87 THROUGH 08-31-87 AWARD # SES-8704809 MSN L&S PHILOSOPHY	(144-Z605)	9,000.00
33)	MATHEMATICAL SCIENCES: SPECIAL YEAR OF LIE ALGEBRAS FOR THE PERIOD 07-01-87 THROUGH 12-31-88 AWARD # DMS-8702928 MSN L&S MATHEMATICS	(144-Z637)	25,000.00
34)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 12-31-88 AWARD # CHE-8715689 MSN L&S CHEMISTRY	(144-Z682)	62,500.00
35)	MATHEMATICAL SCIENCES: SET THEORETIC TOPOLOGY FOR THE PERIOD 06-15-87 THROUGH 11-30-88 AWARD # DMS-8620084 MSN L&S MATHEMATICS	(144-Z688)	29,500.00
36)	MULTIPLY-BONDED SILICON AND BORON COMPOUNDS FOR THE PERIOD 07-01-87 THROUGH 09-30-88 AWARD # CHE-8704353 MSN L&S CHEMISTRY	(144-Z698)	71,765.00
37)	EQUIPMENT FOR THE CENTER FOR LIMNOLOGY - TROUT LAKE STATION FOR THE PERIOD 07-15-87 THROUGH 12-31-88 AWARD # BSR-8706629 MSN L&S LIMNOLOGY CTR	(144-Z705)	50,000.00
38)	ORGANIC SOLUBLE MOLECULES WITH FUNCTIONALIZED CAVITIES FOR THE PERIOD 07-01-87 THROUGH 08-31-88 AWARD # CHE-8711259 MSN L&S CHEMISTRY	(144-Z706)	68,869.00
39)	NOISE PROPERTIES AND TIME RESPONSE OF SUPERLATTICE AND CONVENTIONAL AVALANCHE PHOTODIODES FOR THE PERIOD 07-01-87 THROUGH 12-31-88 AWARD # EET-8615092 MSN ENGR ENGR EXPER STA EL&COMPUT	(144-Z721)	83,200.00

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40)	STUDY OF NONLINEAR WAVE PLASMA INTERACTION FOR THE PERIOD 07-15-87 THROUGH 12-31-88 AWARD # ECS-8704529 MSN ENGR ENGR EXPER STA NUCL ENGR (144-Z726)	90,000.00
41)	SPECIALIZATION AND COORDINATION OF INDIVIDUALS IN A COMPLEX ACTIVITY FOR THE PERIOD 07-15-87 THROUGH 12-31-90 AWARD # BNS-8517519 MSN AG&LSC ENTOMOLOGY (144-Z732)	99,772.00
42.	WISCONSIN STATE HISTORICAL SOCIETY MADISON, WI PRIME CONTRACTOR WITH TRANS GEOMORPHIC EVOLUTION OF THE TREMAINE SITE, LACROSSE COUNTY, WISCONSIN FOR THE PERIOD 06-01-87 THROUGH 05-31-88 AWARD # P. O. #HSG 1797 MSN L&S GEOGRAPHY (144-Z619)	12,000.00
43.	WI DEPT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS INVESTIGATION OF THE REMAINING LIFE ON DETERIORATED STEEL DECK GIRDER HIGHWAY BRIDGES FOR THE PERIOD 06-01-87 THROUGH 09-30-87 AWARD # AGR DTD 06-22-87 MSN ENGR ENGR EXPER STA CIVIL&ENV (144-Z674)	27,200.00
44.	U S INFORMATION AGENCY ROME, ITALY SUMMER SCHOOL: ITALIAN TEACHERS OF ENGLISH FOR THE PERIOD 06-01-87 THROUGH 08-31-87 AWARD # LTR DTD 06-02-87 MSN L&S ENGLISH (144-Z453)	92,492.00
45.	VETERANS ADMIN MILWAUKEE, WI SENSORY SUBSTITUTION IN INSENSATE HANDS AND FEET FOR THE PERIOD 10-01-86 THROUGH 09-30-87 AT A TOTAL COST OF \$104,900.00 AWARD # PO 695-D75077 MSN ENGR ENGR EXPER STA EL&COMPUT (144-Y844)	79,920.00
46.	DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE (133-A103)	
	3,000.00 UPJOHN COMPANY KALAMAZOO, MI	
	1,000.00 ALF CHRISTIANSON SEED COMPANY MT. VERNON, WA	
	1,000.00 NICKERSON AMERICAN PLANT BREEDERS, INC. MISSION, KS	
		5,000.00

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47.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	512.00
48.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	920.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON THE CONTROL OF PEA ROOT ROT MSN AG&LSC PLANT PATHOLOGY	(133-A357)	919.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	50,150.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	NUCL MED (133-A529)	71,000.00
52.	PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	
	1,010.00 MULTIPLE DONORS 12,000.00 WISCONSIN FOOD PROCESSORS ASSOC. MADISON, WI		
			13,010.00
53.	MULTIPLE DONORS METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-A728)	500.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-A797)	150,000.00
55.	MULTIPLE DONORS CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	(133-A934)	490.00
56.	MARION LABORATORIES KANSAS CITY, MO PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-B193)	5,000.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF DAIRY SCIENCE DISCRETIONARY FUND MSN AG&LSC DAIRY SCIENCE	(133-B521)	5,000.00



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58.	FIELD CROP DISEASES			
	MSN AG&LSC PLANT PATHOLOGY	(133-B522)		
	2,050.00	MULTIPLE DONORS		
	1,100.00	GLENN PAGE		
		DENNISON, MN		
	1,000.00	GUSTAFSON, INC.		
		DALLAS, TX		
	2,000.00	CIBA-GEIGY CORPORATION		
		GREENSBORO, NC		
	3,750.00	NICKERSON AMERICAN PLANT BREEDERS		
		MISSION, KS		
				9,900.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION			
	MADISON, WI			
	DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S			
	DISCRETIONARY FUND			
	MSN AG&LSC FOOD SCIENCE	(133-B656)		2,000.00
60.	MULTIPLE DONORS			
	INSECT CONTROL AND RESIDUE STUDIES ON			
	VEGETABLE CROPS			
	MSN AG&LSC ENTOMOLOGY	(133-B831)		1,475.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION			
	MADISON, WI			
	IRWIN MAIER CHAIR IN BUSINESS			
	MSN BUS SCH OF BUSINESS	(133-B889)		570,000.00
62.	DOW CHEMICAL COMPANY			
	MIDLAND, MI			
	EFFECT OF NITRIFICATION INHIBITORS, PARTICULARLY			
	NITRAPYRIN, ON DENITRIFICATION IN SOILS			
	MSN AG&LSC SOIL SCIENCE	(133-B952)		2,000.00
63.	MULTIPLE DONORS			
	WILDLIFE RESEARCH			
	MSN AG&LSC N R-WILDLIF ECOL	(133-C298)		700.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION			
	MADISON, WI			
	DIVISION OF UROLOGY RESEARCH AND DEVELOPMENT FUND			
	MSN HS-MED SURGERY	(133-C455)		2,802.74
65.	SOLAR ENERGY RESEARCH			
	MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-C535)		
	250.00	UNIVERSITY OF WISCONSIN FOUNDATION		
		MADISON, WI		
	230.00	MULTIPLE DONORS		
	40.00	MULTIPLE DONORS		
				520.00

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66.	CHERRY BURRELL CORP. CEDAR RAPIDS, IO STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	1,888.00
67.	CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	
	3,500.00 DOW CHEMICAL U.S.A. CHAMPAIGN, IL		
	3,000.00 ICI AMERICAS INC. GOLDSBORO, NC		
	1,500.00 SANDOZ CROP PROTECTION URBANA, IL		
	1,000.00 BASF CORPORATION PARSIPPANY, NJ		
	2,500.00 DOW CHEMICAL COMPANY CHAMPAIGN, IL		
	500.00 MULTIPLE DONORS		
	1,000.00 ICI AMERICAS, INC. WILMINGTON, DE		
	1,500.00 FMC CORPORATION OMAHA, NB		
	1,000.00 STAUFFER CHEMICAL CO. TRUMBULL, CT		
			15,500.00
68.	MULTIPLE DONORS PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-D117)	400.00
69.	CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	1,800.00
70.	MULTIPLE DONORS SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY	(133-D429)	1,454.00
71.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	1,000.00 E.R. SQUIBB & SONS, INC. PRINCETON, NJ		
	500.00 MULTIPLE DONORS		
			1,500.00
72.	BETTY LIDGET ESTATE DARLINGTON, WI KIDNEY AND DIABETES RESEARCH MSN HS-HSP ADMINISTRATION ADMIN	(133-D527)	2,247.00

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73.	PROCTOR & GAMBLE COMPANY CINCINNATI, OH VITAMIN D RESEARCH MSN AG&LSC BIOCHEMISTRY	(133-D547)	3,150.00
74.	MADISON GENERAL HOSPITAL MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	1,514.04
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D926)	9,182.30
76.	MULTIPLE DONORS EPIDEMIOLOGY AND CONTROL OF VEGETABLE CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-E035)	1,200.00
77.	EFFECT OF DIGESTED SEWAGE SLUDGE ON CROPLAND MSN AG&LSC SOIL SCIENCE	(133-E270)	
	4,000.00	KENOSHA WATER UTILITY KENOSHA, WI	
	4,000.00	RACINE WASTEWATER UTILITY RACINE, WI	
	5,000.00	AGRI-LIFE/MILWAUKEE METRO SEWAGE DIST. OAK CREEK, WI	
			13,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH IN KIDNEY TRANSPLANTATION MSN HS-MED SURGERY	(133-F197)	4,000.00
79.	WISCONSIN DAIRY TASK FORCE PLATTEVILLE, WI INFORMATIONAL FILM PROGRAMS MSN AG&LSC AG JOURNALISM	(133-F235)	2,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ASSISTANCE MSN L&S ECONOMICS	(133-F325)	1,000.00
81.	ICI AMERICAS, INC. GOLDSBORO, NC CRANBERRY RESEARCH MSN AG&LSC HORTICULTURE	(133-F360)	2,445.00
82.	MULTIPLE DONORS RESEARCH ON DAIRY PRODUCTS PROCESSING UTILIZING THE UW DAIRY PLANT MSN AG&LSC FOOD SCIENCE	(133-F361)	600.00

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83.	MULTIPLE DONORS GEOPHYSICAL RESEARCH MSN L&S GEOL & GEOPHYSICS GEO&POL R	( 133-F489)	700.00
84.	PILLSBURY COMPANY MINNEAPOLIS, MN GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	( 133-F506)	32,000.00
85.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY	( 133-F535)	1,000.00
86.	MULTIPLE DONORS CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES MSN HS-MED MEDICINE CARDIOLOGY	( 133-F572)	500.00
87.	PFIZER, INC. GROTON, CT MULTI-CLINIC STUDY OF THE EFFECTS OF SORBINIL COMPARED TO PLACEBO ON THE DEVELOPMENT OF DIABETIC RETINOPATHY AND NEUROPATHY-READING CENTER MSN HS-MED OPHTHALMOLOGY	( 133-G555)	83,136.00
88.	AMERICAN MALTING BARLEY ASSOCIATION, INC. MILWAUKEE, WI STUDY THE MALTING QUALITIES OF NEW BARLEY SELECTIONS MSN AG&LSC AGRONOMY	( 133-G592)	90,084.00
89.	PFIZER, INC. GROTON, CT MULTI-CLINIC STUDY OF EFFECT OF SORBINIL COMPARED TO PLACEBO ON THE DEVELOPMENT OF DIABETIC RETINOPATHY AND NEUROPATHY-PROTOCOL A MSN HS-MED OPHTHALMOLOGY	( 133-G621)	107,996.00
90.	BRIGGS & STRATTON CORPORATION MILWAUKEE, WI STUDY OF COLD STARTING A MOWER ENGINE MSN ENGR ENGR EXPER STA MECH ENGR	( 133-G637)	1,263.55
91.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	( 133-G648)	2,000.00
92.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON HUMAN LUNG TISSUE MSN HS-MED ANESTHESIOLOGY	( 133-G721)	156.57
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S FUND MSN HS-MED PSYCHIATRY	( 133-G809)	30,000.00

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94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	3,042.93
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G813)	9,694.43
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HUMAN ONCOLOGY DEVELOPMENT MSN HS-MED HUMAN ONCOLOGY	(133-G829)	5,000.00
97.	UPJOHN COMPANY KALAMAZOO, MI ANALYTICAL DIVISION UNDERGRADUATE RESEARCH PROGRAM MSN L&S CHEMISTRY	(133-G839)	5,000.00
98.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR ENGR EXPER STA INDUS ENGR	(133-H060)	60.00
99.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	
	1,500.00 ICI AMERICAS, INC. WILMINGTON, DE		
	3,800.00 BASF CORPORATION PARSIPPANY, NJ		
	3,000.00 MONSANTO COMPANY ST. LOUIS, MO		
	500.00 MULTIPLE DONORS		
	1,200.00 FMC CORPORATION OMAHA, NB		
			10,000.00
100.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	892.74
101.	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)	29,827.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-H760)	248,832.00



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113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACY ADMINISTRATION RESEARCH MSN HS-PHR PHARMACY	(133-J167)	1,500.00
114.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY	(133-J198)	1,600.00
115.	TURFGRASS RESEARCH MSN AG&LSC SOIL SCIENCE	(133-J306)	
	715.72      MULTIPLE DONORS		
	7,200.00    MILWAUKEE METRO SEWAGE DISTRICT MILWAUKEE, WI		
			7,915.72
116.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY	(133-J330)	3,376.00
117.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMBRYONIC CELL SURFACE ANTIGENS MSN L&S ZOOLOGY	(133-J348)	8,000.00
118.	WISCONSIN EDUCATION ASSOCIATION COUNCIL MADISON, WI WISCONSIN EDUCATION ASSOCIATION COUNCIL- PROJECT ASSISTANTSHIP FOR THE PERIOD 06-01-86 THRU 05-31-87 MSN L&S IND REL RES INST	(133-J359)	8,393.00
119.	WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	
	1,156.00    MULTIPLE DONORS		
	2,000.00    TERRA INTERNATIONAL, INC. SIOUX CITY, IA		
			3,156.00
120.	GENERAL MILLS, INC. MINNEAPOLIS, MN BASIC RESEARCH TO STUDY MECHANISMS OF DIRECTED AUTOXIDATIONS IN FATS AND OILS MSN AG&LSC FOOD SCIENCE	(133-J443)	18,853.00
121.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN 3M NONTENURED FACULTY GRANT MSN ENGR ENGR EXPER STA EL&COMPUT	(133-J575)	12,000.00

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122.	WISCONSIN MILK MARKETING BOARD MADISON, WI ROLE OF MILK PROTEIN IN NUTRITIONAL MANAGEMENT OF CHRONIC LIVER DISEASE FOR THE PERIOD 09-01-85 THRU 08-31-87 AWARD # WMMB #90 MSN AG&LSC NUTRITIONAL SCI	(133-J623)	5,000.00
123.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI ROOT ROT RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-J714)	10,000.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELFAER PROFESSORSHIP MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J715)	40,000.00
125.	AYERST LABORATORIES NEW YORK, NY DOUBLE-BLIND EVALUATION OF THE LONG TERM EFFECTS OF ULTRADOL IN PATIENTS WITH ACTIVE RHEUMATOID ARTHRITIS MSN HS-MED MEDICINE RHEUMATOL	(133-J781)	2,025.36
126.	ERT FT. COLLINS, CO PHARMACOLOGY/TOXICOLOGY RESEARCH MSN HS-PHR PHARMACY	(133-J812)	25,000.00
127.	MULTIPLE DONORS VETERINARY CARDIOLOGY RESEARCH FUND MSN VET M MEDICAL SCIENCES	(133-J816)	300.00
128.	CREEKWOOD FARMS INCORPORATED LAKE MILLS, WI PRODUCTION OF MYCOPLASMA GALLISEPTICUM VACCINE MSN VET M PATHOBIOLGCL SCI	(133-J884)	2,286.11
129.	ENZON SOUTH PLAINFIELD, NJ EVALUATION OF PEG-L-ASPARAGINASE VERSUS NATIVE L-ASPARAGINASE IN THE CANINE LYMPHOSARCOMA MODEL MSN VET M MEDICAL SCIENCES	(133-J903)	7,400.00
130.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	1,035.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POTENTIAL IMPACT OF DRUG REIMBURSEMENT POLICY CHANGES ON COMMUNITY PHARMACIES IN WISCONSIN MSN HS-PHR PHARMACY	(133-K026)	1,893.68







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151.	INTERNATIONAL MINERALS & CHEMICAL CORPORATION NORTHBROOK, IL BOVINE EFFECTOR CELL RECOGNITION OF IBR VIRUS: EVALUATION BY MONOCLONAL ANTIBODIES, CELLULAR CLONING AND VIRAL MUTANTS MSN AG&LSC VETERINARY SCI (133-K389)	39,361.00
152.	WISCONSIN CRANBERRY BOARD, INC. MADISON, WI IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC RESEARCH DIV (133-K409)	72,451.00
153.	WISCONSIN CHERRY BOARD, INC. MADISON, WI TART CHERRY ROOTSTOCK BLOCK MSN AG&LSC HORTICULTURE (133-K435)	680.00
154.	WISCONSIN CHERRY BOARD, INC. MADISON, WI RESEARCH ON SOUR CHERRY TREES IN WISCONSIN MSN AG&LSC PLANT PATHOLOGY (133-K436)	3,000.00
155.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF AZELASTINE, CONTROLLED RELEASE THEOPHYLLINE AND COMBINED AZELASTINE-THEOPHYLLINE THERAPY IN THE MANAGEMENT OF PATIENTS WITH NONSTERIOD DEPENDENT BRONCHIAL ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM (133-K437)	36,178.00
156.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI SNAP BEAN RESEARCH MSN AG&LSC HORTICULTURE (133-K490)	7,400.00
157.	WISC DEPT OF NATURAL RESOURCES MADISON, WI OPERATIONAL SERVICES IN THE DEPARTMENT OF NATURAL RESOURCES' LIBRARY FOR THE PERIOD 05-12-86 THRU 06-13-87 AT A \$4,560 LEVEL MSN L&S LIB&INF ST (133-K538)	360.00
158.	MULTIPLE DONORS THE ROLE AND IMPORTANCE OF AGRICULTURE TO THE WISCONSIN ECONOMY MSN AG&LSC AG JOURNALISM (133-K539)	300.00
159.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI CORN BREEDING RESEARCH FOR RUST AND OTHER DISEASE RESISTANCE MSN AG&LSC AGRONOMY (133-K655)	9,987.00
160.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI RESEARCH FOR NITROGEN FERTILITY MANAGEMENT IN SNAP BEANS MSN AG&LSC HORTICULTURE (133-K667)	8,000.00

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161.	WISC DEPT OF NATURAL RESOURCES MADISON, WI TRAPPING OF RUFFED GROUSE MSN AG&LSC N R-WILDLIF ECOL	(133-K696)	10,000.00
162.	ECOGEN LANGHORNE, PA CABBAGE BIOLOGICALS MSN AG&LSC ENTOMOLOGY	(133-K703)	1,200.00
163.	AMERICAN MALTING BARLEY ASSOCIATION, INC. MILWAUKEE, WI CHARACTERIZATION OF BARLEY CULTIVARS WITH ELEVATED AND REDUCED AMYLOLYTIC ACTIVITIES FOR THE PERIOD 07-01-86 THRU 06-30-88 MSN AG&LSC AGRONOMY	(133-K737)	15,533.00
164.	XECHEM, INC. ROSEMONT, IL PROGRAM FOR THE DISCOVERY AND PRODUCTION OF ANTHRACYCLINE ANTIBIOTICS MSN HS-PHR PHARMACY	(133-K761)	123,337.00
165.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANCIS "PETE" HERREID SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K769)	550.00
166.	BURROUGHS WELLCOME CO. RESEARCH TRIANGLE PARK, NC AN OPEN STUDY OF THE SAFETY AND EFFICACY OF FIVE DOSES OF BW-TPA IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION MSN HS-MED MEDICINE                      CARDIOLOGY	(133-K780)	25,730.00
167.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI ASTER LEAFHOPPER RESEARCH MSN AG&LSC ENTOMOLOGY	(133-K784)	8,116.20
168.	ROCKWELL INTERNATIONAL CORPORATION THOUSAND OAKS, CA MATCHING FUNDS FOR PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR    ENGR EXPER STA    MECHANICS	(133-K845)	20,000.00
169.	KALI-DUPHAR LABORATORIES, INC. COLUMBUS, OH FLUVOXAMINE IN THE TREATMENT OF DEPRESSION MSN HS-PSY PSYCHIATRIC INST	(133-K861)	33,075.00
170.	INSITE VISION, INC. OAKLAND, CA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K881)	20,000.00

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171.	TRITON BIOSCIENCES, INC. ALAMEDA, CA MULTICENTER OPEN-LABEL PHASE II STUDY TO EVALUATE THE SAFETY AND EFFICACY OF ESCALATING DOSES OF IFN-B SER GIVEN INTRAVENOUSLY IN PATIENTS WITH ADVANCED RENAL CELL CARCINOMA, MELANOMA, OR NON-SMALL CELL LUNG CANCER MSN HS-MED HUMAN ONCOLOGY	(133-K922)	38,911.00
172.	JANESVILLE FOUNDATION, INC. JANESVILLE, WI ISSUES AND OPTIONS FOR COMMUNITY DEVELOPMENT FOR JANESVILLE MSN AG&LSC NR-LANDSCAP ARCH	(133-K954)	1,916.00
173.	ORTHO PHARMACEUTICAL CORPORATION RARITAN, NJ OFLOXACIN STUDY MSN HS-MED SURGERY	UROLOGY (133-K967)	20,000.00
174.	STUART PHARMACEUTICALS WILMINGTON, DE TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER-STATISTICAL ANALYSIS MSN HS-MED HUMAN ONCOLOGY	CAN C-BIOM (133-LO03)	36,900.00
175.	STUART PHARMACEUTICALS WILMINGTON, DE TAMOXIFEN COMPLIANCE MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-LO04)	28,200.00
176.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER MSN HS-MED HUMAN ONCOLOGY	PREV ONCOL (133-LO05)	62,300.00
177.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C MSN HS-MED PREVENTIVE MED	(133-LO44)	14,000.00
178.	WISCONSIN POTATO INDUSTRY BOARD MADISON, WI POTATO RESEARCH FOR THE PERIOD 05-01-87 THRU 04-30-88 AWARD # AGH 5111 MSN AG&LSC RESEARCH DIV	(133-LO65)	72,000.00
179.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-LO93)	
	15,000.00	DOW CHEMICAL MIDLAND, MI	
	15,000.00	MEAD CORPORATION CHILLICOTHE, OH	
			30,000.00

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180.	GOLDEN FOREST, INC. MADISON, WI GENETICS OF MUSHROOMS MSN AG&LSC PLANT PATHOLOGY	(133-L099)	5,000.00
181.	BRAINTREE LABORATORIES, INC. BRAINTREE, MA EVALUATION OF 851 LAXATIVE SOLUTION MSN HS-MED MEDICINE GASTROENT	(133-L105)	7,500.00
182.	MULTIPLE DONORS ORNAMENTAL RESEARCH MSN AG&LSC HORTICULTURE	(133-L143)	155.00
183.	SEVRAIN - TECH, INC. MADISON, WI BIOMEDICAL ENGINEERING RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT	(133-L274)	4,870.93
184.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAMMER SERVICES MSN HS-MED PSYCHIATRY	(133-L303)	7,467.00
185.	JAMES A ZAGZEBSKI MADISON, WI DIAGNOSTIC ULTRASOUND RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-L335)	1,500.00
186.	PHYSIO-CONTROL CORPORATION REDMOND, WA ECG DATA BASE DEVELOPMENT MSN ENGR ENGR EXPER STA EL&COMPUT	(133-L360)	8,000.00
187.	ABBOTT LABORATORIES NORTH CHICAGO, IL GROWTH RESPONSES OF FINISHING PIGS TO ORAL AND INJECTION DOSES OF TRH MSN AG&LSC MEAT& ANIMAL SCI	(133-L361)	7,110.00
188.	MILES PHARMACEUTICALS WEST HAVEN, CT EFFICACY AND SAFETY OF NISOLDIPINE (BAY K5552) 2.5 MG BID, 5.0 MG BID, 10.0 MG BID, AND PLACEBO IN THE TREATMENT OF STABLE ANGINA PECTORIS AWARD # D85-015-26 MSN HS-MED MEDICINE CARDIOLOGY	(133-L413)	6,032.00
189.	SMITH KLINE & FRENCH LABORATORIES PHILADELPHIA, PA MONOCID STUDY MSN HS-MED SURGERY UROLOGY	(133-L423)	15,772.97
190.	KRAFT, INC. GLENVIEW, IL MICROBIOLOGICAL STABILITY OF HIGH MOISTURE CHEESE SAUCE MSN AG&LSC FOOD MICRO&TOXIC	(133-L434)	2,000.00

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191.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY EXPERIMENTAL TREATMENT OF ALS FOR THE PERIOD 02-01-87 THRU 03-31-88 REDUCED TO CORRECT BUDGET OVERSTATEMENT MSN HS-MED NEUROLOGY	(133-L522)	16,200.00-
192.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI AGRONOMIC TESTS ON DRIED SLUDGE PRODUCTS AWARD # 03933 2222 MSN AG&LSC SOIL SCIENCE	(133-L546)	5,650.00
193.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA COMMERCIAL BUILDING LATENT LOAD REMOVAL SYSTEMS FOR THE PERIOD 04-15-87 THRU 07-30-88 AT AN 108,850 LEVEL AWARD # DN #01 RP2891-3 MSN ENGR ENGR EXPER STA MECH ENGR	(133-L562)	90,850.00
194.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S ENGLISH	(133-L629)	11,500.00
195.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S PHILOSOPHY	(133-L630)	11,500.00
196.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S FRENCH & ITALIAN	(133-L631)	11,500.00
197.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S ENGLISH	(133-L632)	11,500.00
198.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-10-87 THRU 06-30-88 MSN EDUC ART	(133-L633)	11,500.00
199.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S AFRO-AM STUDIES	(133-L634)	11,500.00

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200.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S HISTORY OF SCI	(133-L635)	11,500.00
201.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S SCHOOL OF MUSIC	(133-L636)	11,500.00
202.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S HISTORY	(133-L637)	11,500.00
203.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S GERMAN	(133-L638)	11,500.00
204.	CIBA-GEIGY CORPORATION SUMMIT, NJ HUMANITARIAN USE OF ANAFRANIL IN OBSESSIVE- COMPULSIVE DISORDER MSN HS-PSY PSYCHIATRIC INST	(133-L757)	5,339.00
205.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR 1987-1988 MSN GRAD MEDICAL SCHOOL ONCOLOGY	(133-L787)	35,000.00
206.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR 1987-1988 MSN GRAD MEDICAL SCHOOL PHYS CHEM	(133-L788)	35,000.00
207.	CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	
	2,500.00 BANK MEES & HOPE NV BLEISWYK, NETHERLANDS		
	3,200.00 NICKERSON-ZWAAN B.V. ROTTERDAM, NETHERLANDS		
			5,700.00
208.	ENICHEM AMERICAS PRINCETON, NJ NITROGEN FERTILIZER RESEARCH MSN AG&LSC SOIL SCIENCE	(133-L809)	2,000.00



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209.	FOREST INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-L817)	
	2,500.00 WISCONSIN CHRISTMAS TREE PRODUCERS ASSN. ARLINGTON, WI		
	500.00 MULTIPLE DONORS		
			3,000.00
210.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY BINDING OF PHENOTHIAZINES TO THE MUSCLE PROTEIN TROPONIN C FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN AG&LSC BIOCHEMISTRY	(133-L818)	30,000.00
211.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT EFFECTS OF WEB 1881 ON RECOVERY OF SYNAPTIC TRANSMISSION AND MACROMOLECULAR SYNTHESIS FROM SHORT PERIODS OF ANOXIA MSN HS-MED PHYSIOLOGY	(133-L821)	11,592.00
212.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL SCIENCE RESEARCH MODULE MSN HS-MED SURGERY	(133-L822)	210,000.00
213.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ANALYSIS OF WATER SAMPLES FROM AREA LAKES FOR THE PERIOD 06-01-87 THRU 09-30-87 AWARD # NRG 92434 MSN L&S LIMNOLOGY CTR	(133-L823)	1,000.00
214.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI PIGEON LAKE COMMUNITY EDUCATION PROGRAM FOR THE PERIOD 06-08-87 THRU 12-31-87 AWARD # PAG 01805 MSN EDUC EDUC ADMIN	(133-L826)	1,371.14
215.	WISC DEPT OF TRANSPORTATION MADISON, WI USE OF LANDSAT THEMATIC MAPPER DATA TO DEVELOP LAND COVER PARAMETERS FOR IMPROVED HYDROLOGIC MODELING OF WISCONSIN'S "DRIFTLESS AREA" FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 0616-41-62 MSN ENV ST ENV REMOT SENS'G	(133-L829)	6,075.00
216.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI MEDICAL STUDENT SUMMER RESEARCH PROGRAM AWARD # FAG 12341 PO MSN HS-MED PREVENTIVE MED	(133-L832)	1,638.00

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217.	INTERNATIONAL MINERALS & CHEMICAL CORPORATION TERRE HAUTE, ID EFFECT OF EXOGENOUS PORCINE PROLACTIN (PPRL) ALONE AND IN COMBINATION WITH RECOMBINANT PORCINE SOMATOTROPIN (RPST) ON SOW LACTATION AND PIG PERFORMANCE MSN AG&LSC MEAT& ANIMAL SCI (133-L833)	38,436.00
218.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 87-FA-09 MSN HS-MED PHYSIOLOGY (133-L834)	6,552.00
219.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 08-21-87 AWARD # 87-1 MACKEDANZ MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-L835)	5,250.00
220.	MITSUBISHI METAL CORPORATION GIFU-PREFECTURE, JAPAN AN INVESTIGATION OF THE CUTTING MECHANISMS AND PERFORMANCE CHARACTERISTICS OF THE MITSUBISHI NEW POINT DRILL MSN ENGR ENGR EXPER STA MFG SY ENG (133-L836)	60,000.00
221.	AGRACETUS MIDDLETON, WI MOLECULAR BIOLOGY RESEARCH MSN AG&LSC ENTOMOLOGY (133-L840)	300.00
222.	BIRNSCHEIN (ALVIN AND MARVIN) FOUNDATION, INC. MILWAUKEE, WI COGNITIVE TRAINING OF ALZHEIMER'S DISEASE PATIENTS MSN EDUC EDUC PSYCHOLOGY (133-L841)	4,978.00
223.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN 3M NONTENURED FACULTY GRANT MSN ENGR ENGR EXPER STA EL&COMPUT (133-L842)	12,000.00
224.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLORS CREATIVE ARTISTS AWARD FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S SCHOOL OF MUSIC (133-L843)	5,000.00
225.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 08-21-87 AWARD # 87-1 UTKE MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-L845)	2,400.00

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226.	WISC DEPT OF NATURAL RESOURCES MADISON, WI FOREST NURSERY SOIL FERTILITY FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # NRH 95145 MSN AG&LSC SOIL SCIENCE	(133-L846)	20,280.00
227.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN TOTAL PARENTERAL NUTRITION-IGF STUDY IN RATS MSN HS-MED MEDICINE	ENDOCRINOL (133-L847)	24,000.00
228.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENZYME CONTROL IN FOODS MSN AG&LSC FOOD SCIENCE	(133-L848)	121.48
229.	UNIVERSITA DI NAPOLI NAPLES, ITALY PHLEGRAEAN FIELDS ENGINEERING PROJECT MSN L&S GEOL & GEOPHYSCS GEO&POL R	(133-L851)	6,456.45
230.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-29-87 THRU 12-31-87 AWARD # 87-1 JACKSON MSN AG&LSC NAT RSRCS- ADMIN	(133-L856)	4,160.00
231.	KADE (MAX) FOUNDATION, INC. NEW YORK, NY TUBINGEN-MADISON-CHARLOTTESVILLE TEACHER EXCHANGE PROGRAM FOR THE PERIOD 07-01-87 THRU 08-31-87 MSN L&S SPECIAL PROJECTS MAX KADE I	(133-L871)	21,301.00
232.	NATURAL HISTORY COUNCIL AWARD MSN L&S ZOOLOGY	(133-L872)	700.00
	1,700.00	MULTIPLE DONORS UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	2,400.00
233.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S GEOL & GEOPHYSCS	(133-L873)	700.00
234.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN ENV ST CTR FOR CLIM RES	(133-L874)	856.00
235.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-15-87 THRU 08-21-87 AWARD # 87-1 KIRCHMAYER MSN AG&LSC NAT RSRCS- ADMIN	(133-L875)	1,340.00

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236.	WISC DEPT OF ADMINISTRATION MADISON, WI CARPET CONSULTANT SERVICES FOR THE PERIOD OF 04-01-87 THRU 10-30-87 AWARD # ADG 01198 MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C (133-L877)	4,284.30
237.	NATIONAL WILD TURKEY FEDERATION EDGEFIELD, SC MYCOPLASMA GALLISEPTICUM IN WILD TURKEYS: ARE THERE CHRONIC CARRIERS? MSN AG&LSC VETERINARY SCI (133-L879)	17,638.00
238.	COOLEY'S ANEMIA FOUNDATION, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN HS-MED GENETICS (133-L881)	15,000.00
239.	SPENCER FOUNDATION CHICAGO, IL A SOCIAL HISTORY OF THE AMERICAN READING PUBLIC 1880-1980 FOR THE PERIOD 09-01-87 THRU 08-31-90 MSN EDUC WIS CTR EDUC RES (133-L882)	195,500.00
240.	WISC DEPT OF NATURAL RESOURCES MADISON, WI GRASSLAND BIRDS IN WISCONSIN: STATUS, DISTRIBUTION, HABITAT PREFERENCE, AND RESPONSE TO LAND USE CHANGES FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # NRH 95330 MSN ENV ST CTR BIOTIC SYSTS (133-L884)	12,150.00
241.	WISC DEPT OF NATURAL RESOURCES MADISON, WI USE OF SATELLITE DATA FOR MONITORING PARAMETERS RELATED TO THE FOOD HABITS AND PHYSICAL CONDITION OF CANADA GEESE IN WISCONSIN DURING SPRING MIGRATION FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # P.O. #NRH 95328 MSN ENV ST ENV REMOT SENS'G (133-L886)	11,000.00
242.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI ENTERIC NEURONS IN THE NORMAL AND DIABETIC GUT FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN HS-MED PHARMACOLOGY (133-L887)	10,000.00
243.	WISC DEPT OF TRANSPORTATION MADISON, WI EVALUATION OF MITIGATION RECONSTRUCTION OF HIGHWAY AND BRIDGE PROJECTS FOR THE PERIOD 06-22-87 THRU 12-31-88 AWARD # TRG 10070 MSN ENV ST CTR BIOTIC SYSTS (133-L890)	35,000.00

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244.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESPONSE STUDY COMPARING THE EFFICACY AND SAFETY OF 2.5 MG, 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVEN ONCE DAILY IN PATIENTS WITH STABLE ANGINA PECTORIS DUE TO CORONARY HEART DISEASE (P 57 P 5 T 10) MSN HS-MED MEDICINE                      CARDIOLOGY      (133-L892)	16,262.00
245.	MILK SPECIALTIES COMPANY DUNDEE, IL FEEDING PRILLED FAT TO DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE                      (133-L893)	3,500.00
246.	TRITON BIOSCIENCES, INC. ALAMEDA, CA THERAPEUTIC ACTIVITY OF INTERFERON-BETA IN HUMAN DISEASE: PHASE 1 AND 11 CLINICAL TRIALS FOR THE PERIOD 08-01-87 THRU 07-31-88 MSN HS-MED HUMAN ONCOLOGY                      (133-L894)	379,449.00
247.	WISCONSIN INNOVARIUM, LTD MILWAUKEE, WI WISCONSIN INNOVARIUM, LTD. SUPPORT OF RESEARCH AND GRADUATE ASSISTANTS IN THE FIELD OF MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS                      (133-L895)	59,300.00
248.	MULTIPLE DONORS VOICE/GENERAL RESEARCH PROJECT MSN HS-MED SURGERY                      OTOLARYN      (133-L897)	500.00
249.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 87-FA-03 (C) MSN AG&LSC BIOCHEMISTRY                      (133-L898)	6,552.00
250.	OLIN CORPORATION STAMFORD, CT RESEARCH IN X-RAY LITHOGRAPHY WITH RESISTS MSN L&S      CHEMISTRY                      (133-L899)	50,000.00
251.	JUVENILE DIABETES FOUNDATION INTERNATIONAL NEW YORK, NY ROLE OF HYPERGLYCEMIA IN DIABETIC NEPHROPATHY AWARD # 186543 MSN HS-MED OPHTHALMOLOGY                      (133-L900)	32,563.00
252.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DEGRADATION OF ATRAZINE ALACHLOR AND METOLACHLOR IN SOILS AND AQUIFER MATERIALS FOR THE PERIOD 07-10-87 THRU 06-30-88 AWARD # NRH 95381 MSN GRAD      WATER RESOURCES                      (133-L901)	49,970.00

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253.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN CORRELATION OF PHARMACODYNAMIC AND PHARMACOKINETIC PARAMETERS WITH EFFICACY FOR LY146032 MSN HS-MED MEDICINE                      INFECT DIS    (133-L902)	9,120.00
254.	MULTIPLE DONORS PLANT BREEDING MSN AG&LSC HORTICULTURE                      (133-L903)	200.00
255.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY CAREER DEVELOPMENT AWARD FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # CDA 00109-87 MSN HS-MED HUMAN ONCOLOGY                      (133-L904)	25,000.00
256.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY SITE-SPECIFIC INTEGRATION OF FOREIGN DNA INTO A CHROMOSOME: DETERMINING FACTORS WHICH AFFECT EFFICIENCY FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 1-1055 MSN AG&LSC BIOCHEMISTRY                      (133-L905)	30,000.00
257.	BELOIT MEMORIAL HOSPITAL BELOIT, WI SALARY SUPPORT FOR A CLINICAL ASSISTANT PROFESSOR IN CARDIOLOGY MSN HS-MED MEDICINE                      CARDIOLOGY    (133-L907)	24,887.00
258.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN AG&LSC ENTOMOLOGY                      (133-L916)	1,856.00
259.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY CLINICAL ONCOLOGY CAREER DEVELOPMENT AWARD FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN HS-MED PEDIATRICS                      (133-L917)	35,000.00
260.	PIONEER NI-BRED INTERNATIONAL JOHNSTON, IA BIOCONTROL OF DAMPING OFF AND ROOT ROT BY BACILLUS CEREUS MSN AG&LSC PLANT PATHOLOGY                      (133-L918)	22,500.00
261.	WISC DEPT OF NATURAL RESOURCES MADISON, WI SUPPORT OF WATER RESOURCES CENTER REFERENCE ROOM FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # NRH 95353 MSN GRAD    WATER RESOURCES                      (133-L919)	3,600.00

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262.	ROCKEFELLER BROTHERS FUND NEW YORK, NY ENFORCING CONTROLS ON NUCLEAR EXPORTS FOR THE PERIOD 08-24-87 THRU 09-01-89 MSN LAW LAW SCHOOL	(133-L921)	110,000.00
263.	MCDONALD'S CORPORATION OAK BROOK, IL HEAT TREATMENT OF GROUND BEEF ON A SPECIAL GRILL MSN AG&LSC FOOD MICRO&TOXIC	(133-L930)	15,000.00
264.	CARNEGIE CORPORATION OF NEW YORK NEW YORK, NY DISSEMINATION OF "CONTEXTUAL FACTORS IN EDUCATION" FOR THE PERIOD 05-01-87 THRU 06-30-87 MSN EDUC WIS CTR EDUC RES	(133-L933)	25,000.00
265.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI TRANSPLANTATION OF FETAL PANCREATIC TISSUE FOLLOWING INTERFERON-Y AND IMMUNOTOXIN TREATMENT FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN HS-MED SURGERY GEN SURG	(133-L934)	9,006.00
266.	STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY	(133-3220)	
	6,000.00 ALUMINUM COMPANY OF AMERICA PITTSBURGH, PA		
	6,000.00 ALUMINERIE DE BECANCOUR INC. BECANCOUR, QUEBEC		
			12,000.00
267.	PROCTER & GAMBLE COMPANY CINCINNATI, OH SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(133-3678)	10,000.00
268.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	500.00 MULTIPLE DONORS		
	6,500.00 BASF PARSIPPANY, NJ		
	1,400.00 STAUFFER CHEMICAL COMPANY TRUMBULL, CT		
	2,500.00 SANDOZ CROP PROTECTION CHICAGO, IL		
	2,500.00 ICI AMERICAS INC. WILMINGTON, DE		
	3,000.00 TERRA INTERNATIONAL, INC. SIOUX CITY, IA		
	2,000.00 MONSANTO AGRIC. PRODUCTS MADISON, WI		
	6,200.00 STAUFFER CHEMICAL COMPANY MADISON, WI		
	10,000.00 WISCONSIN FOOD PROCESSORS ASSOC. MADISON, WI		
			34,600.00

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269.	UNIVERSITY OF MINNESOTA MINNESOTA AGRICULTURAL EXPERIMENT STATION 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
270.	MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	
	100.00 MULTIPLE DONORS 15,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		15,100.00
271.	PLANT DISEASE CONTROL STUDIES MSN AG&LSC PLANT PATHOLOGY	(133-6696)	
	2,000.00 CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA 1,000.00 NOR-AM CHEMICAL COMPANY WILMINGTON, DE		3,000.00
272.	MONSANTO COMPANY ST. LOUIS, MO SUPPORT OF RESEARCH IN DEPARTMENT OF PHARMACOLOGY MSN HS-MED PHARMACOLOGY	(133-6748)	2,500.00
273.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	1,500.00 DOW CHEMICAL U.S.A. CHAMPAIGN, IL 2,500.00 RHONE-POULENC, INC. SPENCER, IN 1,250.00 MULTIPLE DONORS 750.00 MULTIPLE DONORS 3,000.00 CHEVRON CHEMICAL COMPANY FRESNO, CA 1,500.00 ICI AMERICAS, INC. WILMINGTON, DE 9,000.00 RHONE-POULENC, INC. MONMOUTH JUNCTION, NJ 5,000.00 CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA 1,200.00 SANDOZ CROP PROTECTION URBANA, IL 2,500.00 FMC CORPORATION OMAHA, NB 500.00 MULTIPLE DONORS		28,700.00



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274.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	750.00	MULTIPLE DONORS	
	5,000.00	CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA	
	1,500.00	SANDOZ CROP PROTECTION CORP. URBANA, IL	
	2,000.00	BASF CORPORATION PARSIPPANY, NJ	
	1,000.00	ICI AMERICAS INC. WILMINGTON, DE	
	1,000.00	BASF CORPORATION PARSIPPANY, NJ	
	7,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
			18,250.00
275.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE	(133-8123)	16,200.00
276.	GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	
	3,000.00	BASF CORPORATION PARSIPPANY, NJ	
	500.00	MULTIPLE DONORS	
			3,500.00
277.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI STUDY OF THE EPIDEMIOLOGY AND CONTROL OF ROOT ROT OF PROCESSING BEANS MSN AG&LSC PLANT PATHOLOGY	(133-8395)	5,300.00
278.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND TRAINING PROGRAM MSN AG&LSC N R-WILDLIF ECOL	(133-8598)	3,700.00
279.	HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	
	500.00	MULTIPLE DONORS	
	3,000.00	BASF CORPORATION PARSIPPANY, NJ	
	500.00	MULTIPLE DONORS	
	1,500.00	MONSANTO AGRIC. PRODUCTS COMPANY MADISON, WI	
			5,500.00

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280.	WISCONSIN FOOD PROCESSORS ASSOC. MADISON, WI STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY	( 133-9123 )	10,000.00
281.	MULTIPLE DONORS HEART RESEARCH OR SERVICE MSN HS-HSP ADMINISTRATION ADMIN	( 133-9921 )	525.00

STUDENT AID

1.	LITTERST, JUDY ROCKFORD, IL ORCHESTRIS DANCE CLUB FUND MSN EDUC PHYS ED & DANCE	( TRUST )	80.00
2.	WOODLANE FAMILY PRACTICE WOODBURY, MN WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND MSN HS-MED	( TRUST )	100.00
3.	FIRST WISCONSIN-PORTAGE PORTAGE, WI COMSTOCK, WILLIAM T. TRUST BLEYER, WILLARD G.--JOURNALISM SCHOLARSHIP # 2 MSN L&S JOURN & MASS COM	( TRUST )	815.89
4.	FIRST WISCONSIN-PORTAGE PORTAGE, WI COMSTOCK, WILLIAM T. TRUST JOURNALISM SCHOLARSHIP FUND MSN L&S JOURN & MASS COM	( TRUST )	1,165.55
5.	FIRST WISCONSIN-PORTAGE PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK SCHOLARSHIP FUND IN CONSERVATION MSN AG&LSC ACAD STU AFF ADM	( TRUST )	582.78
6.	SCHOLARSHIP TO GRADUATE STUDENT (MASTER). DEGREES MAJORING IN AGRONOMY, PLANT BREEDING, AND SOIL SCIENCE WILL BE CONSIDERED. RECIPIENT SELECTED BY THE DEAN, UPON THE RECOMMENDATION OF THE ADVISOR, DEPT. AND COMMITTEES. DIBLE, WILLIAM T.-TERRA INTERNATIONAL, INC.- SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	
7.	INCOME IS AVAILABLE FOR B.S./ M.S./ PH.D. STUDENTS MAJORING IN AGRONOMY OR PLANT BREEDING GENETICS. QUALIFIED RECIPIENTS WILL BE SELECTED BY THE DEAN. REAM, EUNICE AND HOWARD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	

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## STUDENT AID

8.	FUND TO BE USED FOR LOW INTEREST LOANS CLASS OF 1958 LOW INTEREST LOAN FUND MSN HS-MED	( TRUST )	
9.	PHI UPSILON OMICRON MADISON, WI PHI U SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C	( TRUST )	6,000.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANDERSON, CHARLES J.--SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFC	( TRUST )	3,000.00
11.	NORTHWESTERN MUTUAL LIFE SAN FRANCISCO, CA ROWE, HARRY J. UNIVERSITY OF WISCONSIN-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	( TRUST )	526.57
12.	MULTIPLE DONORS SISK, DR. IRA--MEMORIAL FUND MSN HS-MED	( TRUST )	75.00
13.	SECURITY PACIFIC NATIONAL BANK LOS ANGELES, CA WALLACE RUTH ANN DE WITT, LILA-SCHOLARSHIP IN THE MEDICAL SCHOOL MSN HS-MED	( TRUST )	2,681.09
14.	MULTIPLE DONORS REAM, EUNICE AND HOWARD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	5.00
15.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08814553 MSN G SERV FELLOWS & SCHOLS	( 145-0188 )	1,997,477.00
16.	EDUCATION, DEPT OF WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08834553 MSN G SERV FELLOWS & SCHOLS	( 146-0025 )	2,500,088.00
17.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08824553 MSN S LOAN STU LOANS	NDSL ( LOANS )	5.00

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18. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$7,520,527.00  
AWARD # PO08702947, MOD. 5  
MSN G SERV FELLOWS & SCHOLS (148-A087) 73,281.00
  - 2) PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08802947  
MSN G SERV FELLOWS & SCHOLS (148-A088) 4,833,840.00
19. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # RO08702947  
MSN AC SVC STU FINAN AIDS STU F AIDS (144-Y217) 24,945.00
  - 2) JACOB JAVITS FELLOWS PROGRAM  
FOR THE PERIOD 09-01-86 THROUGH 08-31-88  
AT A TOTAL COST OF \$59,326.00  
AWARD # GO08640659, MOD. 2  
MSN GRAD (144-Y278) 32,000.00
  - 3) NATIONAL RESOURCES FELLOWSHIP PROGRAM  
SOUTHEAST ASIAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # GO08540532  
MSN GRAD (144-Z710) 72,680.00
20. WISCONSIN ALUMNI RESEARCH FOUNDATION  
MADISON, WI  
ARTHUR L WADSWORTH SCHOLARSHIP FUND  
MSN BUS SCH OF BUSINESS (135-0028) 1,500.00
21. WISCONSIN ALUMNI RESEARCH FOUNDATION  
MADISON, WI  
GEORGE LAIKIN LAW REVIEW AWARD  
MSN LAW LAW SCHOOL (135-0063) 200.00
22. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
JANE H. BUTT SCHOLARSHIP IN THE DEPARTMENT OF  
THEATRE AND DRAMA  
MSN L&S THEATRE & DRAMA (133-A556) 325.00
23. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
WILLIAM J. HAGENAH MEDICAL SCHOOL SCHOLARSHIP  
MSN HS-MED (133-A562) 2,400.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LLOYD G. LARSON SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-A603)	3,141.00
25.	MARTHA L EDWARDS SCHOLARSHIP FUND MSN L&S HISTORY	(133-A616)	
	600.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	400.00 MULTIPLE DONORS		1,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARY E. REID MEMORIAL SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-A639)	1,320.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLARD G. ASCHENBRENER AWARD MSN G SERV FELLOWS & SCHOLS	(133-B423)	9,000.00
28.	UNIVERSITY LEAGUE, INC. MADISON, WI SCHOLARSHIPS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM	(133-B489)	2,560.00
29.	UNIVERSITY LEAGUE MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP MSN L&S SCHOOL OF MUSIC	(133-B501)	1,200.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WARREN JOLLYMORE MEMORIAL SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-B634)	270.46
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROBERT G. DEVLIN SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-B827)	500.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELEN K. HERMAN SCHOLARSHIP MSN L&S COMMUN ARTS	(133-B887)	375.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES CHESTER PEARCE SCHOLARSHIP MSN L&S COMMUN ARTS	(133-C002)	1,800.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MADISON GAS & ELECTRIC FOUNDATION - EDWARD AND HAZEL FELBER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-C412)	47,372.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LETTERS AND SCIENCE DEAN'S SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	( 133-C413)	9,000.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRACE E. LANGDON MEMORIAL MSN G SERV FELLOWS & SCHOLS	( 133-C859)	3,530.58
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMMA P. AND ANDREW KENTZLER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-C860)	3,134.25
38.	CROW'S HYBRID CORN COMPANY MILFORD, IL CROW'S HYBRID CORN AGRICULTURAL SCHOLARSHIPS MSN AG&LSC ACAD STU AFF ADM	( 133-C924)	1,200.00
39.	UNIVERSITY LEAGUE, INC. MADISON, WI SCHOOL OF EDUCATION UNDERGRADUATE SCHOLARSHIP PROGRAM MSN EDUC GENERAL ADMIN DEAN'S OFC	( 133-D084)	800.00
40.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP FOR COLLEGE OF ENGINEERING MSN ENGR	( 133-D091)	900.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KENNETH SCHRICKER SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	( 133-D128)	1,479.25
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DRAKE P. DALE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-D567)	3,852.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDRIC MARCH SCHOLARSHIP MSN L&S THEATRE & DRAMA	( 133-D833)	4,830.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE FOUNDATION, INC./CAPITAL TIMES SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-D990)	4,640.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

45.	UNIVERSITY LEAGUE, INC. MADISON, WI UNDERGRADUATE STUDENT SCHOLARSHIP MSN L&S ADM-STU ACAD AFF STU AF,GEN	(133-E013)	1,000.00
46.	UNIVERSITY LEAGUE, INC. MADISON, WI SCHOLARSHIPS FOR MEDICAL STUDENTS MSN HS-MED	(133-E014)	800.00
47.	ALPHA ZETA OMEGA PHARMACEUTICAL FRATERNITY MILWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY	(133-E066)	600.00
48.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-A H ADMINISTRATION	(133-E081)	1,500.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES H. CARPENTER MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-E208)	11,299.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELLIE M. BUTT SCHOLARSHIP MSN HS-MED	(133-E284)	13,162.00
51.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE MEMORIAL SCHOLARSHIP MSN L&S ADM-STU ACAD AFF STU AF,GEN	(133-E742)	400.00
52.	MULTIPLE DONORS JOHN WYNGAARD SCHOLARSHIP MSN L&S JOURN & MASS COM	(133-E769)	250.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANT SAWYER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-F285)	3,200.00
54.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C	(133-F595)	1,465.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ODESSA LINES SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-G016)	30,283.08

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAURICE "MOOSE" HANSON SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	( 133-G017)	2,800.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HORACE BEEBE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-G148)	21,892.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRIET HENDERSHOT SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-G149)	5,055.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE MARTIN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-G151)	2,098.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMMA AND WILLIAM GERDS SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	( 133-H010)	950.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES JESINSKI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-H319)	1,500.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S ACHIEVEMENT SCHOLARSHIP PROGRAM MSN AC SVC ADMINISTRATION ADMIN	( 133-H320)	33,250.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RALPH B ABRAMS SCHOLARSHIP MSN L&S ADMINISTRATION	( 133-H407)	4,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAY C HALLS SCHOLARSHIP MSN L&S ADMINISTRATION	( 133-H408)	5,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OLAV F. ANDERSON SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( 133-J045)	1,386.00
66.	GENERAL TELEPHONE COMPANY OF WISCONSIN SUN PRAIRIE, WI GTE GRADUATE STUDENT SUPPORT IN ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ENGR EXPER STA EL&COMPUT	( 133-J125)	10,000.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KEITH B AND KATHERINE MCKY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J233)	1,500.00
68.	UNIVERSITY LEAGUE, INC. MADISON, WI VIRGINIA HILL THAYER SCHOLARSHIP MSN L&S JOURN & MASS COM	(133-J291)	900.00
69.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J388)	1,950.00
70.	MULTIPLE DONORS MARGARET ALLARD SCHOLARSHIP FUND FOR HOME ECONOMICS COMMUNICATIONS UNDERGRADUATE MAJORS MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C	(133-J723)	75.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IDA BELLE KNIGHTS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J750)	14,397.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LANOGA CORPORATION/FISH BUILDING SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K032)	1,250.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RUDOLPH E. AND NELLIE B. ANDERSON SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K033)	28.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARRIE & MERRILL HOGEBOOM SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K034)	78.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID C. SCOTT FOUNDATION SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K039)	5,950.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARVEY MELSTER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K588)	2,200.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANTHONY DE LORENZO SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K590)	450.00

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI H. H. PETRIE SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-K600)	2,006.54
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	3,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOSEPH AND BEATRICE RAPKIN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-L014)	450.00
81.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC PMA PREDOCTORAL FELLOWSHIP FOR THE PERIOD 01-01-87 THRU 12-31-88 AT A \$14,138 LEVEL MSN HS-MED PHARMACOLOGY	(133-L152)	534.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ENGR EXPER STA EL&COMPUT	(133-L349)	5,000.00
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANTS FOR AFRICAN STUDIES PROGRAM STUDENTS MSN L&S AFRIC LANG & LIT AFR L&A CT	(133-L420)	100.00
84.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-L824)	800.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILEDEN SCHOLARSHIP FUND MSN AG&LSC RURAL SOCIOLOGY	(133-L849)	2,035.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROFESSOR AND MRS. HARRY D. WOLFE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L927)	1,500.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAY CAMPBELL EDWARDS SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L928)	400.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE AND NELL NELSON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L929)	1,500.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALPHONSE STAWICKI SCHOLARSHIP MSN HS-PHR PHARMACY	(133-L932)	600.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ATHLETIC SCHOLARSHIPS MSN ATH GENERAL OPERATNS ADMIN	(133-0498)	33,563.86
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN EASTERN ALUMNI SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-0541)	6,852.51
92.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID N. SCHREINER MEMORIAL SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-0846)	12,283.40
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDITH & MICHAEL AGAZIM MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-2624)	22,916.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHRIS STEINMETZ MILWAUKEE "W" CLUB AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-2973)	200.00
95.	SENTRY FOUNDATION, INC. STEVENS POINT, WI SENTRY INSURANCE FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-3518)	2,000.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. & MRS. EDWARD R. KNIGHT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-3817)	2,685.00
97.	PROCTER & GAMBLE COMPANY CINCINNATI, OH GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-4944)	10,000.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOBEY-KREGEL FUTURE TEACHERS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-5150)	2,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY J. MCCORMICK MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-6076)	1,358.98

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL AND THERESA HANSON WISCONSIN MERIT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6106)	14,576.54
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OTTILIE REINKE SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6197)	4,300.00
102.	SUNDSTRAND CORPORATION FOUNDATION ROCKFORD, IL SCHOLARSHIP TO BE AWARDED TO STUDENTS ENROLLED IN MECHANICAL, ELECTRICAL, METALLURGICAL OR INDUSTRIAL ENGINEERING SELECTED BY THE SCHOLARSHIP COMMITTEE OF COLLEGE OF ENGINEERING SUBJECT TO THE APPROVAL OF THE STUDENT FINANCIAL AIDS COMMITTEE MSN ENGR OPERATIONS	(133-6217)	2,000.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LEE J. & LILLIAN O'REILLY MEMORIAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-6619)	20,055.00
104.	SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-7137)	
	4,749.53 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,955.50 UNIVERSITY OF WISCONSIN SCHOOL OF MUSIC ORCHESTRA FUND MADISON, WI		
			6,705.03
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEPHENSON SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-7526)	3,180.00
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JIMMY DEMETRAL SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-7664)	501.11
107.	UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS	(133-8377)	
	2,000.00 MILLIMAN & ROBERTSON, INC. BROOKFIELD, WI		
	210.00 MULTIPLE DONORS		
			2,210.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

108.	MULTIPLE DONORS SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR	(133-8872)	800.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELL M. AND EDWARD P. MCFETRIDGE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-9294)	1,500.00
110.	MPC ENDOWMENT, LTD. MILWAUKEE, WI MPC ENDOWMENT LTD., SCHOLARSHIP IN JOURNALISM MSN L&S JOURN & MASS COM	(133-9969)	500.00

TOTAL MADISON	39,912,362.43
	=====

EXTENSION AND PUBLIC SERVICE	111,080.64
INSTRUCTION	2,011,456.26
LIBRARIES	332,370.00
MISCELLANEOUS	1,564,206.91
PHYSICAL PLANT	27,001.45
RESEARCH	25,861,788.70
STUDENT AID	10,004,458.47

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

EXTENSION AND PUBLIC SERVICE

1. CITY OF MILWAUKEE/HUD  
COMMUNITY DEVELOPMENT AGENCY  
MILWAUKEE, WI.  
PRIME CONTRACTOR WITH HUD  
HARAMBEE COMMUNITY HEALTH OUTREACH PROJECT  
YEAR 12  
FOR THE PERIOD 06-01-86 THROUGH 05-31-87  
AWARD # CBP86-163FS  
MIL DOCE CURR IS-PBLC POL URB COMUN (144-Y058) 5,000.00

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SPECIAL EDUCATORS SPEECH-LANGUAGE TRAINING  
OPPORTUNITY PROGRAM FOR MINORITY AND/OR  
DISADVANTAGED  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08630310  
MIL A H P SPCH PATH & AUD (144-Z616) 65,340.00
  - 2) SPECIAL EDUCATORS SPEECH-LANGUAGE TRAINING  
OPPORTUNITY PROGRAM FOR MINORITY AND/OR  
DISADVANTAGED STUDENTS (STIPENDS)  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08630310  
MIL A H P SPCH PATH & AUD (144-Z668) 28,847.00
2. DIVISION OF VOCATIONAL REHABILITATION  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS  
ENHANCING SERVICES FOR HEARING IMPAIRED STUDENTS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
MIL AC AFF STU ACAD SUPPORT (144-Z614) 70,000.00
3. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
THE AGING DISCOVER THE AGELESS  
FOR THE PERIOD 06-01-87 THROUGH 06-30-88  
AWARD # FY87-15(L)  
MIL DOCE PRFNL RSORC DVLP SPEC PROGS (144-Z728) 10,068.00
4. WISCONSIN ASSOCIATION OF CHILD CARE WORKERS, INC  
BROOKFIELD, WI  
CHILD & YOUTH CARE LEARNING CENTER PROGRAM  
MIL DOCE CHILD CARE LERNG (133-L223) 18,420.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## LIBRARIES

1. THE LYNDE AND HARRY BRADLEY FOUNDATION  
MILWAUKEE, WI  
FOR USE IN THE UWM LIBRARY DEVELOPMENT FUND OF THE  
GOLDA MEIR LIBRARY  
MIL LIBR LIBRARY (133-8383) 7,825.00

## MISCELLANEOUS

1. UWM ALUMNI ASSOCIATION  
MILWAUKEE, WI  
MONEY TO PAY SALARIES AND FRINGE BENEFITS FOR A  
SPECIALIST & STUDENT EMPLOYED IN THE DEPT. OF  
ALUMNI RELATIONS  
FOR THE PERIOD 07/01/87 THROUGH 06/30/88  
MIL U REL ALUMNI REL (133-B794) 41,000.00

2. UWM ALUMNI ASSOCIATION  
MILWAUKEE, WI  
DISCRETIONARY ACCOUNT  
FOR THE PERIOD 07/01/87 THROUGH 06/30/88  
MIL U REL ALUMNI REL (133-C616) 17,000.00

3. UWM FOUNDATION ACCOUNT #265  
MILWAUKEE, WI  
MINORITY SMALL BUSINESS DEVELOPMENT PROGRAM  
MIL BUS AD MGMNT RESRCH CTR (133-H682) 2,107.00

4. UWM FOUNDATION  
FRANK AND MARY ERMENC MEMORIAL FUND  
MILWAUKEE, WI  
SALARY FOR A SLOVENIAN MUSIC CATALOGER, ELLY  
JOHNSON  
MIL LIBR LIBRARY (133-K563) 6,000.00

5. HIGHER EDUCATION CABLE CONSORTIUM  
MILWAUKEE, WI  
OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR  
HECC  
FOR THE PERIOD 01/01/87 THROUGH 08/15/88  
MIL ED COM PROJECTS SP P2-HECC (133-L344) 1,425.52

6. INDUSTRY/STUDENT TEAM DESIGN PROJECT (COURSE)  
MIL ENG&AS MECHANICAL ENGR (133-8722)

500.00	BRIGGS & STRATTON MILWAUKEE, WI	
400.00	WISCONSIN ELECTRIC MILWAUKEE, WI	
300.00	THE CHENEY CO. NEW BERLIN, WI	
300.00	JOHNSON CONTROLS MILWAUKEE, WI	
		1,500.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) MARINE AND FRESH WATER BIOMEDICAL CORE CENTER  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # EHS 1 P30 ESO4184-01  
MIL GRAD DEAN'S OFFICE (144-Z636) 266,655.00
  - 2) CADMIUM, ZINC, METALLOTHIONEIN AND KIDNEY  
CYTOTOXICITY  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 1 R01 ESO4026-01A2  
MIL L&S CHEMISTRY (144-Z701) 196,110.00
  - 3) LIFESTYLE MODIFICATION FOR WEIGHT CONTROL  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # SRC-1-5R01-NRO1150-03  
MIL NURS NURSING (144-Z730) 118,950.00
2. AIR FORCE OFFICE OF SCIENTIFIC RESEARCH  
BOLLING AFB, D.C.  
SURFACE WAVE CHARACTERIZATION OF HIGH TC  
SUPERCONDUCTORS  
FOR THE PERIOD 09-30-84 THROUGH 10-31-88  
AWARD # AFOSR-84-0350-B  
MIL L&S PHYSICS (144-U988) 80,529.00
3. DOD, NAVY  
ARLINGTON, VA  
MECHANISMS OF SOLID LUBRICATION OF GRAPHITE  
IN CAST ALUMINUM GRAPHITE COMPOSITES  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # N00014-87-K-0399  
MIL ENG&AS MATERIALS (144-Z522) 91,000.00
4. 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 07-15-88  
AWARD # P.D. HSG 1880  
MIL L&S ANTHROPOLOGY (144-Z664) 7,114.00
5. NATIONAL AERONAUTICS AND SPACE ADMIN  
WASHINGTON, DC  
NASA SUMMER PROGRAM IN PLANETARY BIOLOGY AND  
MICROBIAL ECOLOGY - BIOGEOCHEMISTRY OF METALS  
FOR THE PERIOD 04-15-87 THROUGH 07-14-88  
AWARD # NAGW-1063  
MIL GRAD GT LKS ST, CTR F (144-Z236) 9,072.00
6. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:



GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |    |  |            |           |
|----|--|------------|-----------|
| 1) | STRUCTURAL STUDIES OF TRANSITION METAL INTERFACES<br>BY PHOTOELECTRON DIFFRACTION<br>FOR THE PERIOD 08-01-85 THROUGH 07-31-88<br>AWARD # DMR 8415158-03<br>MIL L&S      PHYSICS  | (144-X001) | 7,400.00  |
| 2) | CHARACTERIZATION OF MAGNETIC FILMS FOR THE<br>DEVELOPMENT OF SAW DEVICES<br>FOR THE PERIOD 06-01-86 THROUGH 10-30-88<br>AWARD # ECS-8519695-01<br>MIL L&S      PHYSICS   | (144-X918) | 64,649.00 |
| 3) | GENERAL APPROACH FOR THE SYNTHESIS OF POLYQUINENES<br>(INCLUDING REU SUPPLEMENT)<br>FOR THE PERIOD 07-15-86 THROUGH 12-31-88<br>AWARD # CHE-8604443-01<br>MIL L&S      CHEMISTRY   | (144-Y247) | 58,000.00 |
| 4) | THE RELATIONSHIP BETWEEN BERKELEY'S SCIENCE AND<br>HIS PHILOSOPHY<br>FOR THE PERIOD 09-01-86 THROUGH 02-29-88<br>AWARD # SES-8606587-01<br>MIL GRAD      WOMEN'S STUDIES   | (144-Y475) | 3,029.00  |
| 5) | THEORY AND APPLICATIONS OF A NEW CLASS OF<br>STOCHASTIC PROCESSES<br>FOR THE PERIOD 08-01-87 THROUGH 01-31-89<br>AWARD # ECS-8702407<br>MIL BUS AD CREDIT OUTREACH   | (144-Z700) | 27,989.00 |
| 6) | U.S. PARTICIPATION IN THE INTERNATIONAL SYMPOSIUM<br>TUNNELING FOR WATER RESOURCES AND POWER PROJECTS,<br>NEW DELHI, INDIA, JAN. 19-27, 1988. THIS PROJECT<br>ALSO INCLUDES 510,300 INDIAN RUPEES, THE<br>EQUIVALENT OF \$40,500 TO BE SPENT IN INDIA.<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # INT-8714496<br>MIL L&S      GEOL&GEOPH SCI'S | (144-Z712) | 750.00    |
| 7) | DOCTORAL/DISSERTATION RESEARCH IN GEOGRAPHY:<br>THE ORIGIN OF THE NEW YORK DRUMLIN FIELD<br>FOR THE PERIOD 07-15-87 THROUGH 12-31-88<br>AWARD # SES-8703575<br>MIL L&S      GEOGRAPHY  | (144-Z729) | 3,395.00  |
| 7. | JOHNSON CONTROLS<br>MILWAUKEE, WI<br>VIBRATION TESTS OF EQUIPMENT<br>AWARD # P.O. M28916<br>MIL ENG&AS CIVIL ENGINEER'G  | (133-D748) | 564.00    |
| 8. | CITY OF WEST BEND<br>WEST BEND, WI<br>AN ARCHAEOLOGICAL SURVEY OF ZIEGLER PARK, WEST<br>BEND, WISCONSIN<br>AWARD # P.O. 006980<br>MIL L&S      ANTHROPOLOGY  | (133-E567) | 300.00    |

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

9.	COLUMBIA HOSPITAL MILWAUKEE, WI RESEARCH FACILITATION FOR THE PERIOD 06/22/87 THROUGH 05/22/88 MIL NURS HLTH RESTORATION	(133-G377)	18,732.00
10.	MILWAUKEE COUNTY HOUSE OF CORRECTION FRANKLIN, WI FISH FARM PROJECT FOR THE PERIOD 06/21/87 THROUGH 12/31/87 MIL GRAD GT LKS ST, CTR F	(133-G392)	12,116.00
11.	UWM FOUNDATION PETER KOVACIC MILWAUKEE, WI UNRESTRICTED RESEARCH OF PETER KOVACIC MIL L&S CHEMISTRY	(133-G394)	741.84
12.	UWM FOUNDATION, #258 MILWAUKEE, WI JERRY LEER ACCOUNTING FUND MIL BUS AD MGMNT RESRCH CTR	(133-G426)	3,600.00
13.	SHAW RESEARCH FUND UWM FOUNDATION MILWAUKEE, WI SHAW RESEARCH FUND FOR THE PERIOD 04/10/86 THROUGH 03/01/88 MIL L&S BIOLOGICAL SCI	(133-J678)	5,000.00
14.	EDWARD W. HAZEN FOUNDATION NEW YORK, NY MILWAUKEE GANG RESEARCH PROJECT (WINGSPREAD CONFERENCE) AWARD # CK. NO. 1737 MIL GRAD URBAN RESRCH CTR	(133-K921)	1,500.00
15.	FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS ADMINISTRATION	(133-K994)	2,000.00
16.	UWM FOUNDATION (SHAW FUNDS/MILWAUKEE FOUNDATION) MILWAUKEE, WI SHAW VISITING SCIENTIST IN BIOLOGICAL SCIENCES MIL GRAD GT LKS ST, CTR F	(133-L025)	1,911.27
17.	YOUNG M. KIM WHITEFISH BAY, WI DISCRETIONARY RESEARCH - CENTER FOR GREAT LAKES STUDIES MIL GRAD GT LKS ST, CTR F	(133-L119)	38.64
18.	NORMAN P. LASCA SHOREWOOD, WI DISCRETIONARY RESEARCH ACCOUNT MIL L&S ANTHROPOLOGY	(133-L607)	280.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

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|----|---|-----------|
| 4. | JOANE MARKEL<br>MILWAUKEE, WI<br>GIFTS TO UWM TRACK & CROSS COUNTRY<br>MIL STU AF INTRCOL ATHL-MEN CROS CNTRY (133-D743)  | 300.00    |
| 5. | WISCONSIN DEPARTMENT OF NATURAL RESOURCES<br>MADISON, WI<br>WDNR INTERNS<br>FOR THE PERIOD 06/01/87 THROUGH 08/28/87<br>AWARD # 83-9<br>MIL STU AF PLACE&CAREER DEV PROVISIONL (133-G402) | 6,140.00  |
| 6. | TINSLEY HELTON<br>MILWAUKEE, WI<br>THE TINSLEY HELTON DISSERTATION FELLOWSHIP IN<br>ENGLISH<br>FOR THE PERIOD 07/01/87 THROUGH 06/30/88<br>MIL GRAD DEAN'S OFFICE (133-K640)              | 10,000.00 |

TOTAL MILWAUKEE	1,374,096.97
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EXTENSION AND PUBLIC SERVICE	5,000.00
INSTRUCTION	192,675.00
LIBRARIES	7,825.00
MISCELLANEOUS	69,032.52
RESEARCH	1,064,860.45
STUDENT AID	34,704.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
YOUTH FOOD PROGRAM  
FOR THE PERIOD 06-08-87 THROUGH 07-10-87  
AWARD # 75-9464  
EAU AUX DP OTHER ORG ACTIV (144-8002) 39,000.00
2. HAZELDEN CENTER  
ST. PAUL, MN  
RURAL INSTITUTE ON ALCOHOL & DRUG ABUSE  
FOR THE PERIOD 05-01-87 THRU 04-30-88  
AWARD # 28966  
EAU ET&PS GENERAL ADMIN LIBERAL ST (133-8004) 2,375.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PRE-SERVICE PREPARATION OF TEACHERS FOR BIRTH  
TO SIX IN EARLY CHILDHOOD-HANDICAP  
FOR THE PERIOD 06-01-87 THROUGH 05-31-88  
AWARD # G008535116  
EAU EDUC SPECIAL EDUC (144-7036) 77,732.00
2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
ROCKVILLE, MD  
PROFESSIONAL NURSE TRAINEESHIP PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 2 A11 NU00346-0  
EAU NURSG NURSING (144-7021) 28,417.00

## RESEARCH

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) CLONING Y GENES IN DROSOPHILA  
BY CHROMSOME JUMPING  
FOR THE PERIOD 06-01-87 THROUGH 11-30-88  
AWARD # DCB-8416813  
EAU ART&SC BIOLOGY (144-7058) 75,000.00
  - 2) REU SUPPLEMENT  
FOR THE PERIOD 06-01-87 THROUGH 11-30-88  
AWARD # DCB-8416813  
EAU ART&SC BIOLOGY (144-7069) 8,000.00
2. DONOHUE & ASSOCIATES INC.  
MADISON, WI  
ARCHAEOLOGICAL SURVEY NORTH CORRIDOR ARTERIAL  
FOR THE PERIOD 05-01-87 THRU 05-15-87  
EAU ART&SC SOCIAL & ANTHROP (133-8009) 813.00

TOTAL EAU CLAIRE 231,337.00

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EXTENSION AND PUBLIC SERVICE	41,375.00
INSTRUCTION	106,149.00
RESEARCH	83,813.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC SPECIAL SERVICES FOR DISADVANTAGED STUDENTS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # GO08740187 GBY UG STU ACAD SUPP	( 144-2676 )	154,594.00
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## RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY CHICAGO, IL ON SITE COORDINATION FOR MASS BALANCE MODEL FOR THE BAY OF GREEN BAY FOR THE PERIOD 01-01-87 THROUGH 08-31-87 AWARD # RO05930-01 GBY I RES LAND&WATER STUDY	( 144-Z600 )	26,525.00
2. SMALL BUSINESS ADMIN CHICAGO, IL MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE FOR THE PERIOD 10-01-86 THROUGH 12-31-87 AWARD # SBA-2595-BD-87 GBY I I A SM BUS DVLP CTR S B INSTIT	( 144-Z667 )	12,000.00
3. GOLDSBY (ALICE I) GREEN BAY, WI GREEN BAY SEDIMENTATION STUDY GBY ENV SC SCI & ENVIR CHG	( 133-G492 )	400.00
4. MCINTOSH (THOMAS H) GREEN BAY, WI SOILS AND LAND HUSBANDRY GBY ENV SC SCI & ENVIR CHG	( 133-K877 )	500.00
5. WISCONSIN CORN GROWERS ASSOCIATION MADISON, WI MARKET VERIFICATION STUDY GBY COM SC REGIONL ANALYSIS	( 133-L724 )	2,500.00

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08814553 GBY ST AID FEL & SCHOL-AOG	( 145-5188 )	364,110.00
2. EDUCATION, DEPT OF WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08834553 GBY ST AID FEL & SCHOL-AOG	( 146-5025 )	403,299.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

3.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$1,539,172.00 AWARD # PO08702950, MOD. 4 GBY ST AID FEL & SCHOL-ADG	(148-D087)	882.00
2)	PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802950 GBY ST AID FEL & SCHOL-ADG	(148-D088)	998,470.00
4.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AWARD # R008702950 GBY STU SV FINANCIAL AIDS	(144-Y222)	5,635.00
5.	MULTIPLE DONORS STUDENT FINANCIAL AID FUND-UWGB GBY ST AID FEL & SCHOL-ADG	(133-6986)	25.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GBY ATHL ATHLETICS - MEN	(133-7213)	18,226.77
	TOTAL GREEN BAY		1,987,166.77
			=====
	INSTRUCTION		154,594.00
	RESEARCH		41,925.00
	STUDENT AID		1,790,647.77

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

- |  |            |        |
|--|------------|--------|
| 1. AMERICAN CHEMICAL SOCIETY<br>WASHINGTON, DC<br>SUPPLIES FOR A WORKSHOP IN 3 OSHKOSH SCHOOLS UNDER<br>THE PACTS PROGRAM: PARENTS AND CHILDREN<br>FOR TERRIFIC SCIENCE<br>OSH L&S CHEMISTRY | (133-3360) | 800.00 |
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INSTRUCTION

- |   |            |            |
|---|------------|------------|
| 1. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES<br>CHICAGO, IL<br>HEAD START: FULL YEAR PART DAY, HANDICAPPED,<br>TRAINING AND TECHNICAL ASSISTANCE, 21ST YEAR<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # 05CH4232/21<br>OSH EDUC INSTRUCTION | (144-4466) | 380,113.00 |
| 2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH<br>ROCKVILLE, MD<br>IN SUPPORT OF THE FOLLOWING:  |            |            |
| 1) PROFESSIONAL NURSE TRAINEESHIP GRANT<br>FOR THE PERIOD 08-01-87 THROUGH 06-30-88<br>AWARD # NCR 2 A11 NU00235-12<br>OSH NURS NURS-GRAD PROGS   | (144-4464) | 39,456.00  |
| 2) SECOND YEAR OF BSN DEGREE COMPLETION<br>PROGRAM RN OUTREACH/RURAL WISCONSIN<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # PGR 5 D10 NU25210-02<br>OSH NURS NURS-UNDERGRAD P   | (144-4465) | 114,343.00 |
| 3. NATIONAL SCIENCE FOUNDATION<br>WASHINGTON, DC<br>IN SUPPORT OF THE FOLLOWING:  |            |            |
| 1) FOURIER TRANSFORM INFRARED SPECTROSCOPY<br>IN THE UNDERGRADUATE CHEMISTRY<br>LABORATORY CURRICULUM<br>FOR THE PERIOD 06-15-87 THROUGH 11-30-89<br>AWARD # CSI-8750071<br>OSH L&S CHEMISTRY   | (144-4462) | 22,250.00  |
| 2) SIMULATION OF THE NATIONAL ECONOMY<br>FOR MACROECONOMICS CLASSES<br>FOR THE PERIOD 06-15-87 THROUGH 11-30-89<br>AWARD # CSI-8750534<br>OSH L&S ECONOMICS   | (144-4463) | 16,995.00  |



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - OSHKOSH

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08814555 OSH STU A WORK STUDY	(145-4521)	541,733.00
2.	EDUCATION, DEPT OF WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08834555 OSH STU A ED OPPOR GRANTS	(146-4630)	347,498.00
3.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802956 OSH STU A ED OPPOR GRANTS	(148-4811)	1,909,710.00
	TOTAL OSHKOSH		3,372,898.00 =====
	EXTENSION AND PUBLIC SERVICE		800.00
	INSTRUCTION		573,157.00
	STUDENT AID		2,798,941.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

1.	KENOSHA UNIFIED SCHOOL DISTRICT NO. 1 KENOSHA, WI REGIONAL STAFF DEVELOPMENT CENTER PKS G E A CHANCELLORS OFF ADMIN	(133-L125)	41,079.00
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MISCELLANEOUS

1.	MULTIPLE DONORS PARKSIDE PRINT WORKSHOP PKS SC&SOC FINE ARTS	ART	(133-K826)	50.00
2.	RACINE COUNTY VICTIM/WITNESS PROGRAM RACINE, WI VICTIM RESPONSE UNIT PKS SC&SOC BEHAVIORAL SCI	SOC-ANTHRO	(133-L853)	960.00

RESEARCH

1.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN VITRO DIRECTIONAL ELONGATION OF NEURITES FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 5 RO1 NS18214-06 PKS SC&SOC SCIENCE	LIFE SCI	(144-Z689)	50,536.00
2.	DOD, NAVY ARLINGTON, VA ELECTROMAGNETIC FIELD EFFECTS ON GENE EXPRESSION IN E. COLI FOR THE PERIOD 06-01-87 THROUGH 09-30-87 AWARD # N00014-87-K-0380 PKS SC&SOC SCIENCE	LIFE SCI	(144-Z617)	40,000.00
3.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC ACQUISITION OF X-RAY POWDER DIFFRACTION FACILITIES AND UPGRADING OF THE UNDERGRADUATE X-RAY SCATTERING LABORATORY FOR THE PERIOD 07-01-87 THROUGH 12-31-89 AWARD # CSI-8750162 PKS SC&SOC SCIENCE	GEOLOGY	(144-Z697)	34,687.00
4.	CENTER FOR SURVEY AND MARKETING RESEARCH PKS MOD IN BUS & ADMIN SCI	BUS MGMNT	(133-G937)	
	3,000.00	SURGITEK RACINE, WI		
	2,000.00	TELECABLE TARGETING RACINE, WI		
	1,500.00	KENOSHA COUNTY COMP. BOARD KENOSHA, WI		

6,500.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

1.	INCOME IS AVAILABLE FOR THE PURPOSE OF PROVIDING CHILD CARE SCHOLARSHIPS FOR UW-PARKSIDE STUDENTS. RECIPIENTS SELECTED BY THE UW-PARKSIDE CHILD CARE SCHOLARSHIP COMMITTEE. CHILD CARE CENTER SCHOLARSHIP TRUST FUND ( PKS ) PKS G E A CHANCELLORS OFF A C-ED SVC ( TRUST )		
2.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08814556 PKS BUS SV FELLOWS & SCHOLS	( 145-3188 )	138,613.00
3.	EDUCATION, DEPT OF WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08834556 PKS BUS SV FELLOWS & SCHOLS	( 146-3025 )	388,988.00
4.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08824556 PKS SL&W-S STUDENT LOANS	( LOANS )	19,765.00
5.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$990,502.00 AWARD # PO08703238, MOD. 5 PKS BUS SV FELLOWS & SCHOLS	( 148-G087 )	427.00
2)	PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08803238 PKS BUS SV FELLOWS & SCHOLS	( 148-G088 )	642,910.00
3)	PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AWARD # RO08703238 PKS FIN A FINANCIAL AIDS	( 144-Y219 )	3,820.00
	TOTAL PARKSIDE		1,368,335.00 =====
	INSTRUCTION		41,079.00
	MISCELLANEOUS		1,010.00
	RESEARCH		131,723.00
	STUDENT AID		1,194,523.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - PLATTEVILLE

## INSTRUCTION

1. SMITH, BARNEY		
DIVIDENDS ON SHARES REC'D IN ESTATE		
WILGUS, JAMES ALVA DISTINGUISHED LECTURER		
CHAIR (PLT)		
PLT G E A CHANCELLORS OFF	( TRUST )	776.45

## RESEARCH

1. AMERICAN EXCHANGE BANK		
RICHLAND CENTER, WI		
BREWER, A. KEITH ESTATE		
BREWER, A. KEITH MEMORIAL FUND (PLT)		
PLT ART&SC BIOLOGY	( TRUST )	25,000.00

TOTAL PLATTEVILLE		25,776.45
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INSTRUCTION	776.45
RESEARCH	25,000.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## GIFT-IN-KIND

1. MR. ROLYN A. SCHMID, BENDER MACHINE WORKS, INC.  
HAYWARD, WI  
DONATION, INSTALLATION AND MAINTENANCE FOR ONE  
YEAR AFTER THE DATE OF INSTALLATION OF A CHEMICAL  
INJECTION SYSTEM TO THE COLLEGE OF AGRICULTURE FOR  
USE IN THE MILKING PARLOR.  
RVF AGRIC LABORATORY FARMS
2. ROBERT AND KARYN SCHAUF, INDIANHEAD HOLSTEINS, LTD  
BARRON, WI  
ALPINE HAVEN CRITERION MILDRED, A 1977 REGISTERED  
HOLSTEIN COW  
RVF AGRIC LABORATORY FARMS
3. INDIANHEAD HOLSTEINS, LTD.  
BARRON, WI  
THE DONATION OF ONE SHARE IN A YOUNG BULL, INDIAN-  
HEAD CHARMER-ET, CURRENTLY BEING SYNDICATED BY  
INDIANHEAD HOLSTEINS AND A GROUP OF WISCONSIN  
HOLSTEIN BREEDERS.  
RVF AGRIC LABORATORY FARMS
4. WOODS QUARTER HORSES, IE JOKAR QUARTER HORSES  
INVER GROVE HEIGHTS, MN  
POCOS PRINT OUT, A 1985 COLT  
RVF AGRIC LABORATORY FARMS
5. WOODS QUARTER HORSES, IE JOKAR QUARTER HORSES  
INVER GROVE HEIGHTS, MN  
POCOS STARSHINE, A 1986 WEANLING COLT  
RVF AGRIC LABORATORY FARMS
6. WILLIAM P. AND MARY CATHERINE KIRKWOOD  
RIVER FALLS, WI  
KH KATIE POST, A REGISTERED APPALOOSA MARE  
RVF AGRIC LABORATORY FARMS
7. WILLIAM P. AND MARY CATHERINE KIRKWOOD  
RIVER FALLS, WI  
MAMOSA'S JUS-TIA, A REGISTERED APPALOOSA MARE  
RVF AGRIC LABORATORY FARMS

## INSTRUCTION

1. ARTS MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
SUPPORT FOR MORTON FELDMAN CONCERT  
FOR THE PERIOD 04-07-87 THROUGH 06-30-87  
RVF ART&SC MUSIC (144-0679) 350.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
THE INCORPORATION OF FUNDAMENTALS OF ULTRASONIC  
MATERIALS CHARACTERIZATION INTO THE UNDERGRADUATE  
PHYSICS CURRICULUM  
FOR THE PERIOD 05-01-87 THROUGH 10-01-89  
AWARD # CSI-8750111  
RVF ART&SC PHYSICS (144-0660) 11,960.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## INSTRUCTION

- |    |  |           |
|----|--|-----------|
| 3. | SAFARI CLUB INTERNATIONAL<br>MILWAUKEE, WI<br>WISCONSIN OUTDOOR LEADERSHIP SCHOOL FOR<br>HIGH SCHOOL STUDENTS<br>FOR THE PERIOD 05-31-87 THRU 08-31-87<br>RVF EDUC PHYSICAL EDUC PHYS EDUC (133-0604)  | 1,000.00  |
| 4. | UW-RIVER FALLS FOUNDATION<br>RIVER FALLS, WI<br>FUNDS FOR THE IMPROVEMENT OF<br>CLASSROOM INSTRUCTION<br>FOR THE PERIOD 06-01-87 THRU 05-31-88<br>RVF G E A VICE CHANCELLOR VICE CHANC (133-0627)  | 20,175.50 |
| 5. | THE NATIONAL FACULTY OF HUMANITIES,<br>ARTS AND SCIENCES<br>ATLANTA, GA<br>WRITING INSTITUTE FOR TEACHERS FROM THE PUBLIC<br>HIGH SCHOOL DISTRICT OF AUSTIN, MN<br>FOR THE PERIOD 05-08-87 THRU 07-01-87<br>RVF CE&PS CONTINUING EDUC (133-0641) | 2,500.00  |

## RESEARCH

- |    |  |          |
|----|--|----------|
| 1. | MINNESOTA GOLF COURSE SUPERINTENDENTS' ASSOC.<br>EDINA, MN<br>DEVELOPMENT OF LOCALIZED WATER-REPELLANT<br>SPOTS ON GOLF GREENS<br>FOR THE PERIOD 04-01-87 THRU 12-31-87<br>RVF AGRIC PLANT & EARTH SC (133-0600) | 3,435.00 |
|----|--|----------|

## STUDENT AID

- |    |  |          |
|----|--|----------|
| 1. | MINNESOTA MINING AND MANUFACTURING, INC<br>ST. PAUL, MN<br>SCHOLARSHIPS TO QUALIFIED INDIVIDUALS IN<br>THE FIELD OF CHEMISTRY<br>FOR THE PERIOD 07-01-87 THRU 06-30-88<br>RVF ST AST MISC OTHER (133-0654) | 1,800.00 |
|----|--|----------|

TOTAL RIVER FALLS	41,220.50
	=====

INSTRUCTION	35,985.50
RESEARCH	3,435.00
STUDENT AID	1,800.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - STEVENS POINT

## EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
UPWARD BOUND  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # G008640334  
STP AC AFF EQUAL OPPOR PRG EQ OPP PRG (144-3328) 180,331.00

## GIFT-IN-KIND

1. T & W SYSTEM, INC.  
HUNTINGTON BEACH, CA  
VERSACAD DISKETTES: ARCHITECTURAL SYMBOLS/DRAWING  
DETAILS, PIPE FITTING AND VALUE SYMBOLS, MECHANICAL  
SYMBOLS, HYDRAULIC SYMBOLS, PROCESS FLOW SYMBOLS,  
ELECTRONICS SYMBOLS, RAILROAD MAP & PROFILE SYMBOL  
STP COPS SCH OF HOME ECON

## INSTRUCTION

1. INTER, FISH AND WILDLIFE SERVICE  
FOXHOLM, ND  
INTERNSHIP WITH UPPER SOURIS NATIONAL  
WILDLIFE REFUGE  
FOR THE PERIOD 05-20-87 THROUGH 12-01-91  
STP CONR NATURAL RESOURCS NAT RESRCS (144-0956) 3,216.00

2. UW-STEVENS POINT ARTS AND LECTURES SERIES  
FOR THE PERIOD 09-01-86 THRU 05-15-87  
STP COFA DN OF FINE ARTS (133-0818)

6,500.00 WISCONSIN ARTS BOARD  
MADISON, WI  
4,589.00 ARTS MIDWEST  
MINNEAPOLIS, MN

11,089.00

3. STEVENS POINT WATER & SEWAGE COMMISSION  
STEVENS POINT, WI  
INTERNSHIP WITH STEVENS POINT WATER & SEWAGE  
COMMISSION - ROUTINE DUTIES OF WATER AND  
WASTEWATER TREATMENT PLANTS  
FOR THE PERIOD 05-18-87 THRU 08-27-87  
STP CONR DEAN OF NAT RES DEAN NAT R (133-0928) 4,800.00

4. WARZYN ENGINEERING COMPANY  
MADISON, WI  
INTERNSHIP AGREEMENT WITH WARZYN ENGINEERING  
COMPANY - ROUTINE DUTIES OF A SOIL AND WATER  
ANALYSIS LAB  
FOR THE PERIOD 05-18-87 THRU 08-28-87  
STP CONR DEAN OF NAT RES DEAN NAT R (133-0929) 3,600.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

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|-----|--|----------|
| 5.  | VILLAGE OF PLOVER<br>PLOVER, WI<br>INTERNSHIP AGREEMENT WITH THE VILLAGE OF PLOVER -<br>ROUTINE DUTIES OF THE WASTEWATER TREATMENT PLANT<br>FOR THE PERIOD 05-26-87 THRU 08-28-87<br>STP CONR DEAN OF NAT RES DEAN NAT R (133-0939)  | 1,987.00 |
| 6.  | FOND DU LAC COUNTY<br>FOND DU LAC, WI<br>INTERNSHIP AGREEMENT WITH FOND DU LAC COUNTY -<br>ROUTINE DUTIES OF THE PLANNING AND ZONING<br>DEPARTMENT<br>FOR THE PERIOD 05-18-87 THRU 08-28-87<br>STP CONR DEAN OF NAT RES DEAN NAT R (133-0943)  | 2,458.00 |
| 7.  | MARATHON COUNTY LAND CONSERVATION DEPARTMENT<br>WAUSAU, WI<br>INTERNSHIP AGREEMENT WITH THE MARATHON COUNTY<br>LAND CONSERVATION DEPARTMENT - ROUTINE DUTIES<br>OF THE LAND CONSERVATION DEPARTMENT<br>FOR THE PERIOD 05-28-87 THRU 08-28-87<br>STP CONR DEAN OF NAT RES DEAN NAT R (133-0946) | 3,000.00 |
| 8.  | PEST PROS, INC<br>PLAINFIELD, WI<br>INTERNSHIP AGREEMENT WITH PEST PROS INC. -<br>ROUTINE DUTIES OF CROP PEST SCOUTING<br>FOR THE PERIOD 06-01-87 THRU 08-28-87<br>STP CONR DEAN OF NAT RES DEAN NAT R (133-0947)  | 8,100.00 |
| 9.  | SEYMOUR COOP<br>SEYMOUR, WI<br>INTERNSHIP AGREEMENT WITH THE SEYMOUR COOP -<br>ROUTINE DUTIES OF FIELD CROP SCOUTING<br>FOR THE PERIOD 05-18-87 THRU 08-28-87<br>STP CONR DEAN OF NAT RES DEAN NAT R (133-0948)  | 3,000.00 |
| 10. | ENVIRO-ANALYSTS, INC.<br>RACINE, WI<br>INTERNSHIP AGREEMENT WITH ENVIRO-ANALYSTS, INC. -<br>ROUTINE DUTIES OF AN ANALYTICAL LAB<br>FOR THE PERIOD 05-18-87 THRU 08-28-87<br>STP CONR NATURAL RESOURCS NAT RESRCS (133-0959)  | 3,000.00 |
| 11. | RIB MOUNTAIN METRO SEWAGE DISTRICT<br>WAUSAU, WI<br>INTERNSHIP AGREEMENT WITH THE RIB MT. METRO<br>SEWAGE DISTRICT - ROUTINE DUTIES OF WASTEWATER<br>TREATMENT PLANT<br>FOR THE PERIOD 05-26-87 THRU 08-28-87<br>STP CONR NATURAL RESOURCS NAT RESRCS (133-0960)                               | 2,800.00 |
| 12. | PROGRESSIVE FARMERS COOP<br>GREEN LEAF, WI<br>INTERNSHIP AGREEMENT WITH PROGRESSIVE<br>FARMERS COOP - ROUTINE DUTIES OF FIELD<br>CROP SCOUTING<br>FOR THE PERIOD 05-18-87 THRU 08-28-87<br>STP CONR NATURAL RESOURCS NAT RESRCS (133-0961)   | 3,000.00 |



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

13. CITY OF БЕЛОIT  
 БЕЛОIT, WI  
 INTERNSHIP AGREEMENT WITH THE CIYT OF БЕЛОIT -  
 ROUTINE DUTIES OF THE WASTEWATER TREATMENT PLANT  
 FOR THE PERIOD 05-18-87 THRU 08-28-87  
 STP CONR NATURAL RESOURCS NAT RESRCS (133-0962) 2,820.00

RESEARCH

1. WI DEPT OF NATURAL RESOUCES  
 MADISON, WI  
 PERCEPTIONS OF WISCONSIN FEMALES AND MINORITIES  
 ABOUT BECOMING CONSERVATION WARDENS  
 FOR THE PERIOD 06-04-87 THRU 08-31-87  
 AWARD # NRG 92526  
 STP CONR NATURAL RESOURCS NAT RESRCS (133-8467) 3,535.00

TOTAL STEVENS POINT 236,736.00

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EXTENSION AND PUBLIC SERVICE	180,331.00
INSTRUCTION	52,870.00
RESEARCH	3,535.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. STOUT UNIVERSITY FOUNDATION, INC.  
MENOMONIE, WI  
SUPPORT FOR A SYMPOSIUM ON AGING  
IN OCTOBER OF 1987  
FOR THE PERIOD 05-01-87 THRU 06-30-88  
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (133-0364) 1,900.00
2. DOBOY PACKAGING MACHINERY  
NEW RICHMOND, WI  
DEVELOP PRODUCTION ASSEMBLY METHODS  
FOR FLOOR SEALER, MODEL #BD-3, AND FOR  
HAND SEALER, MODEL #HS-C  
FOR THE PERIOD 09-01-86 THRU 06-30-87  
STO I&TECH INDUSTRIAL MGMNT IND MGMNT (133-0412) 6,743.40

## GIFT-IN-KIND

1. (LEE NEAL) FAIRCHILD CORPORATION  
MOUNTAIN VIEW, CA  
SELF-CONTAINED BREATHING APPARATUS USED FOR  
EMERGENCY VESSEL ENTRY OR CONFINED SPACE ENTRY  
STO I&TECH INDUSTRIAL MGMNT LOSS CON C
2. SARGENT-WELCH SCIENTIFIC COMPANY  
SKOKIE, IL  
ASSORTED LABORATORY GLASSWARE AND EQUIPMENT  
STO LIB ST CHEMISTRY
3. CRAY RESEARCH  
CHIPPEWA FALLS, WI  
ONE C WIKSCAN II SCANNING ELECTRON MICROSCOPE, ONE  
C CHAMBER OPTION FOR SCANNING ELECTRON MICROSCOPE,  
ONE DIGITAL X-RAY PLOTTER FOR SCANNING ELECTRON  
MICROSCOPE.  
STO I&TECH ENERGY & TRANSP
4. 3M COMPANY  
ST. PAUL, MN  
LASER TRIMMER AND CENTRAL VACUUM PUMP SYSTEM  
STO I&TECH ENERGY & TRANSP
5. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
STORAGE BINDERS, RING BINDERS (BLACK, BLUE, AND  
RED), DIGITAL EQUIPMENT, BURROUGHS MODEL B80,  
MEASURING MICROSCOPE, NOTEBOOKS.  
STO I&TECH GRAPHIC COMMUNIC
6. BROUGHTON PRINTING, INC.  
MINNEAPOLIS, MN  
ONE TON OFFSET PRINTING INK, VARIOUS COLORS IN  
5 LB. CANS.  
STO I&TECH GRAPHIC COMMUNIC

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

7. PERRY PRINTING CORPORATION  
WATERLOO, WI  
ONE NEW ACTI MODEL 253 "V" HORIZONTAL CAMERA.  
STO I&TECH GRAPHIC COMMUNIC
8. PRESS ON, INC.  
STILLWATER, MN  
MACBETH COLOR COMPUTER AND PHOTO SPECTOMETER,  
PRINTER, AND DIGITAL VT 180 COMPUTER WITH DUAL  
DISC DRIVES  
STO I&TECH GRAPHIC COMMUNIC
9. 3M  
ST. PAUL, MN  
3M PLATE AND FILM CHEMISTRY, OFFSET BLANKS,  
COLOR KEY MACHINE PROCESSING, CHEMISTRY AND  
ELECTROSTATIC PLATES AND CHEMICALS.  
STO I&TECH GRAPHIC COMMUNIC
10. NEKOOSA PAPERS, INC.  
PORT EDWARDS, WI  
ONE SKID ARDER BOND, 22X24; ONE SKID OFFSET  
PAPER, 70# NEKOOSA TEXT WEAVE, 23X35.  
STO I&TECH GRAPHIC COMMUNIC
11. BERG-TORSETH, INC.  
ST. PAUL, MN  
SCREEN PRINTING FABRIC  
STO I&TECH GRAPHIC COMMUNIC
12. MULTIGRAPHICS-AIRPORT BUSINESS PLAZA  
MENDOTA HEIGHTS, MN  
ONE NEW MULTIGRAPHIC OFFSET PRESS MODEL 650  
STO I&TECH GRAPHIC COMMUNIC
13. HEWLETT PACKARD CORPORATION  
PALO ALTO, CA  
HEWLETT PACKARD ANALYTICAL WORKSTATION  
STO I&TECH GRAPHIC COMMUNIC
14. A.B. DICK PRODUCTS OF EAU CLAIRE, INC.  
EAU CLAIRE, WI  
A.B. DICK MODEL 156 PLATEMAKER AND MODEL 166  
CONVERTER  
STO I&TECH GRAPHIC COMMUNIC
15. A.B. DICK COMPANY  
CHICAGO, IL  
A.B. DICK OFFSET PRESS  
STO I&TECH GRAPHIC COMMUNIC
16. HALLMARK NAMEPLATE  
MOUNT DORA, FL  
SCREEN PRINTING STENCIL-MAKING SUPPLIES  
STO I&TECH GRAPHIC COMMUNIC

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - STOUT

## LIBRARIES

1. STOUT UNIVERSITY FOUNDATION, INC. MENOMONIE, WI PURCHASE OF AUDIOVISUAL EQUIPMENT FOR THE PERIOD 04-24-87 THRU 06-30-88 STO LIB RE INSTR TECH SVC	(133-0811)	2,200.00
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## RESEARCH

1. VARIOUS GOVERNMENTAL AGENCIES WASHINGTON, DC INNOVATIVE CHILD RESISTANT PACKAGING SYSTEM FOR THE PERIOD 06-15-87 THROUGH 06-30-88 AWARD # CPSC-G-87-1153 STO I&TECH MATLS & PROCS'S MAT & PROC	(144-0584)	79,945.00
2. STOUT UNIVERSITY FOUNDATION, INC. MENOMONIE, WI CENTER FOR HOSPITALITY AND TOURISM RESEARCH FOR THE PERIOD 07-01-87 THRU 06-30-88 STO H ECON HABITATNL RESRCS	(133-0336)	21,167.00

## STUDENT AID

1. AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC AID SUPPORT FOR NIGERIAN STUDENTS FOR THE PERIOD 07-01-86 THROUGH 08-31-87 AWARD # AID/SOD/N-9103, MOD. 1 STO ST AST AGENCY INTL DEV	(144-0593)	8,264.00
2. WICONSIN RURAL REHABILITATION CORPORATION MADISON, WI TEN SCHOLARSHIPS TO STUDENTS FROM WISCONSIN FAMILY FARMS ENROLLED IN HOME ECONOMICS FOR THE PERIOD 07-01-87 THRU 06-30-88 STO H ECON SCH-HOME EC ADM	(133-0707)	5,103.00
3. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN EDUCATION FOR ECONOMIC SECURITY ACT (EESA), TITLE II MINORITY SCHOLARSHIP PROGRAM FOR THE PERIOD 07-01-86 THRU 06-30-87 STO G E A STU AFF & COUNSL ETHNIC PRG	(133-0748)	14,922.00
4. AMERICAN HOTEL FOUNDATION NEW YORK, NY AMERICAN HOTEL FOUNDATION SCHOLARSHIPS FOR THE PERIOD 10-01-87 THRU 09-30-88 STO H ECON SCH-HOME EC ADM	(133-0771)	4,000.00

TOTAL STOUT

144,244.40

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EXTENSION AND PUBLIC SERVICE	8,643.40
LIBRARIES	2,200.00
RESEARCH	101,112.00
STUDENT AID	32,289.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - WHITEWATER

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # GOO8740198  
WTW G E A ACAD SUPPORT SVS (144-0690) 127,179.00
  - 2) SPECIAL NEEDS TRANSITIONAL TRAINING PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # GOO8630190  
WTW EDUC SPECIAL EDUC SPEC EDUC (144-0697) 52,130.00
2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
RESOURCE GUIDE: EMPLOYABILITY SKILLS  
AND ATTITUDES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PAH 00152  
WTW BUS&EC BUSINESS EDUC BUS EDUC (144-0795) 21,467.00
3. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
BUSINESS ETHICS FOR THE SMALL BUSINESS  
FOR THE PERIOD 07-01-87 THROUGH 08-01-88  
AWARD # LTR DTD 06-08-87  
WTW BUS&EC MANAGEMENT (144-0165) 4,000.00

## MISCELLANEOUS

1. ARTS MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
SUPPORT FOR PAUL CHAMBER ORCHESTRA, THE ACTING  
COMPANY, NEGRO ENSEMBLE AND THE BALLET THEATER  
PERFORMANCES  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
WTW SFS-OA SEG FEE S-ORG A SEG FEE SO (144-0796) 8,066.00
2. ANONYMOUS DONOR  
SUPPORT FOR HEALTH AWARENESS PROGRAM  
AWARD # CHK DTD 07-08-87  
WTW G E A STU AFF & COUNSL ST HLTH SV (133-0107) 500.00

TOTAL WHITEWATER 213,342.00  
=====INSTRUCTION 204,776.00  
MISCELLANEOUS 8,566.00

GIFTS, GRANTS AND CONTRACTS  
AUGUST 7, 1987

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. MR. STUART HUNT  
WAUKESHA, WI  
3M DESK TOP COPIER  
CNS WAUK ADMINISTRATION INSTR SVCS
2. MR. WALTER GOLDSWORTHY  
THREE LAKES, WI  
MR. JOHN MUENDEL  
WAUKESHA, WI  
BOOK: "THE PINE, THE PLOW AND THE PIONEER: A  
HISTORY OF THREE LAKES". CLEARWATER LAKE, GAGEN,  
HILES AND MONICO, WI. 1881-1986, VOL. II. BOOK:  
"MEDIEVAL TRADE IN THE MEDITERRANEAN WORLD" BY  
ROBERT LOPEZ ( NORTON )  
CNS WAUK LIBRARY ADMIN
3. MR. F. JAMES SENSENBRENNER  
WASHINGTON, DC  
MRS. ANITA HARRELL SCHULTZ  
WAUKESHA, WI  
BOOKS: "RESEARCH FOR TOMORROW" 1986 YEARBOOK OF  
AGRICULTURE, ( GRO, 1985? )  
CNS WAUK LIBRARY ADMIN
4. MRS. KATE THATER  
WAUKESHA, WI  
BOOK: "THE PRESIDENT'S LADY". BY IRVING STONE,  
( NAL, 1968 )  
CNS WAUK LIBRARY ADMIN
5. PROFESSOR MORRIS WICKLIFFE  
WAUKESHA, WI  
MR. GERALD D. KLECZKA  
WAUKESHA, WI  
2 BOOKS: 2 GOVERNMENT DOCUMENTS  
CNS WAUK LIBRARY ADMIN
6. PROFESSOR JOHN MUENDEL  
WAUKESHA, WI  
THE BOOK: "THE DISCOVERY OF DURA-EUROPOS" BY  
CLARK HOPKINS, YALE 5 ISSUES OF BASEBALL DIGEST  
AND 20 ISSUES OF THE SPORTING NEWS UNIVERSITY  
PRESS, 1979.  
CNS WAUK LIBRARY ADMIN
7. MRS. KATE THATER  
WAUKESHA, WI  
PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
THE DIAMOND WATERFALL. PAMELA HAINES ( NAL, 1984 )  
3 VIDEOTAPES  
2 BOOKS  
CNS WAUK LIBRARY ADMIN
8. MARY ELLEN YOUNG  
WAUKESHA, WI  
IRENE A. MELONAS  
MADISON, WI  
2 VIDEOCASSETTES, VHS  
46 ASSORTED REPRINTS OF HARRY F. HARLOW'S PAPERS  
ON PRIMATES  
CNS WAUK LIBRARY ADMIN

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

9. MS. LAUREL MILLS  
NEENAH, WI  
BOOK: MILLS, CANADA GEESE COMING HOME  
CNS FOX VA LIBRARY ADMIN
10. DR JAMES F. HITSSELBERGER  
FOND DU LAC, WI  
BOOKS AS PER ATTACHED LIST DONATED TO LIBRARY  
UWC FDL  
CNS FD LAC LIBRARY ADMIN

## MISCELLANEOUS

1. UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)
- |          |                   |          |
|----------|-------------------|----------|
| 100.00   | MULTIPLE DONORS   |          |
| 1,500.00 | MARSHFIELD CLINIC |          |
|          | MARSHFIELD, WI    |          |
| 375.00   | MULTIPLE DONORS   |          |
| 1,000.00 | FIGI'S INC.       |          |
|          | MARSHFIELD, WI    |          |
|          |                   | 2,975.00 |

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08814553  
CNS (145-7188) 202,568.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS  
PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08834553  
CNS (146-7025) 232,276.00
3. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08802949  
CNS (148-R088) 1,446,540.00
4. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # RO08702949  
CNS CNS AD STUDENT SERVICES ST FIN AID (144-Y218) 8,525.00

TOTAL CENTER SYSTEM 1,892,884.00  
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MISCELLANEOUS 2,975.00  
STUDENT AID 1,889,909.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	MULTIPLE DONORS WISCONSIN HUMANITIES COMMITTEE REGRANTS AND GENERAL SUPPORT EXT GEA SV W HUMANITIES COM	(133-E982)	150.00
2.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CD&AREA OFC-S E	(133-F085)	25.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E DEAN'S OFFICE   RUR LDRSHP	(133-H773)	20,000.00
4.	MULTIPLE DONORS PROGRAM UNDERWRITING FOR FY 87 EXT TELCOM WHA TELEVISION	(133-K474)	1,300.00
5.	MULTIPLE DONORS SUPPORT FOR THE WISCONSIN HUMANITIES COMMITTEE EXT GEA SV W HUMANITIES COM	(133-K631)	925.00
6.	PROGRAM UNDERWRITNG FOR FY 88 EXT TELCOM WHA TELEVISION	(133-L435)	
	8,800.00   GTE-WISCONSIN WESTFIELD, IN		
	600.00     MULTIPLE DONORS		
	1,750.00   ROBERT W. BAIRD		
	MILWAUKEE, WI		
	1,275.00   FANTASIA		
	MADISON, WI		
			12,425.00
7.	FRIENDS OF WHA-TV, INC. MADISON, WI FY88 BLOCK GRANT FOR ACQUISITIONS, LOCAL PRODUCTIONS AND OTHER ACTIVITIES FOR THE PERIOD 07-01-87 THRU 06-30-88 EXT TELCOM WHA TELEVISION	(133-L837)	400,000.00
8.	WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI PROGRAMMING SUPPORT FOR WHA-AM FY 88 FOR THE PERIOD 07-01-87 THRU 06-30-88 EXT TELCOM WHA RADIO	(133-L854)	64,000.00
9.	WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI WPAA STAFF SUPPORT FY 88 EXT TELCOM WHA RADIO	(133-L855)	25,072.00
10.	UNDERWRITING UW HOCKEY AND BASKETBALL FY88 SUPPORT EXT TELCOM WHA TELEVISION	(133-L870)	
	9,000.00   FIRST FEDERAL SAVINGS AND LOAN MADISON, WI		
	6,000.00   MADISON GAS & ELECTRIC COMPANY MADISON, WI		
	4,000.00   UW CREDIT UNION MADISON, WI		
	6,000.00   BLUE LINE CLUB, INC. MADISON, WI		



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

10.	UNDERWRITING UW HOCKEY AND BASKETBALL FY88 SUPPORT EXT TELCOM WHA TELEVISION (133-L870)		
	24,000.00 TRUE VALUE HARDWARE/COTTER COMPANY CHICAGO, IL		
			49,000.00
11.	FRIENDS OF WHA-TV, INC. MADISON, WI FY88 ADMINISTRATION FOR THE PERIOD 07-01-87 THRU 06-30-88 EXT TELCOM WHA TELEVISION (133-L883)		80,000.00
12.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION OF WISCONSIN MAGAZINE FOR FY88 FOR THE PERIOD 07-01-87 THRU 06-30-88 EXT TELCOM WHA TELEVISION (133-L885)		350,000.00

## RESEARCH

1.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC CPB PRODUCTION FELLOWS PROJECT FOR THE PERIOD 05-01-87 THRU 11-30-88 AWARD # 1511/80307 EXT TELCOM WHA RADIO (133-L603)		48,750.00
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## STUDENT AID

1.	EPSILON SIGMA PHI-ALPHA SIGMA CH MADISON, WI ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT) EXT ( TRUST )		10.00
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TOTAL EXTENSION		1,051,657.00
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EXTENSION AND PUBLIC SERVICE	1,002,897.00
RESEARCH	48,750.00
STUDENT AID	10.00

AUGUST 7, 1987  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 06-20-87 THROUGH 07-17-87

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	2,975	-0-	-0-	1,889,909	-0-	1,892,884
EAU CLAIRE	41,375	106,149	-0-	-0-	-0-	83,813	-0-	-0-	231,337
EXTENSION	1,002,897	-0-	-0-	-0-	-0-	48,750	10	-0-	1,051,657
GREEN BAY	-0-	154,594	-0-	-0-	-0-	41,925	1,790,648	-0-	1,987,167
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	111,081	2,011,456	332,370	1,564,207	27,001	25,861,789	10,004,458	-0-	39,912,362
MILWAUKEE	5,000	192,675	7,825	69,033	-0-	1,064,860	34,704	-0-	1,374,097
OSHKOSH	800	573,157	-0-	-0-	-0-	-0-	2,798,941	-0-	3,372,898
PARKSIDE	-0-	41,079	-0-	1,010	-0-	131,723	1,194,523	-0-	1,368,335
PLATTEVILLE	-0-	776	-0-	-0-	-0-	25,000	-0-	-0-	25,776
RIVER FALLS	-0-	35,986	-0-	-0-	-0-	3,435	1,800	-0-	41,221
STEVENS POINT	180,331	52,870	-0-	-0-	-0-	3,535	-0-	-0-	236,736
STOUT	8,643	-0-	2,200	-0-	-0-	101,112	32,289	-0-	144,244
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	204,776	-0-	8,566	-0-	-0-	-0-	-0-	213,342
<b>TOTAL AUG 1987</b>	<b>1,350,127</b>	<b>3,373,518</b>	<b>342,395</b>	<b>1,645,790</b>	<b>27,001</b>	<b>27,365,942</b>	<b>17,747,282</b>	<b>-0-</b>	<b>51,852,057</b>
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
<b>GRAND TOTAL</b>	<b>1,350,127</b>	<b>3,373,518</b>	<b>342,395</b>	<b>1,645,790</b>	<b>27,001</b>	<b>27,365,942</b>	<b>17,747,282</b>	<b>-0-</b>	<b>51,852,057</b>
<b>TOTAL AUG 1986</b>	<b>1,483,440</b>	<b>2,241,223</b>	<b>344,541</b>	<b>2,109,905</b>	<b>2,500</b>	<b>21,318,371</b>	<b>9,589,906</b>	<b>3,000</b>	<b>37,092,886</b>
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
<b>GRAND TOTAL</b>	<b>1,483,440</b>	<b>2,241,223</b>	<b>344,541</b>	<b>2,109,905</b>	<b>2,500</b>	<b>21,318,371</b>	<b>9,589,906</b>	<b>3,000</b>	<b>37,092,886</b>
<b>FEDERAL TOTAL AUG 1987</b>	<b>224,331</b>	<b>3,211,313</b>	<b>-0-</b>	<b>552,227</b>	<b>-0-</b>	<b>21,450,450</b>	<b>17,216,513</b>	<b>-0-</b>	<b>42,654,834</b>
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
<b>FEDERAL GRAND TOTAL</b>	<b>224,331</b>	<b>3,211,313</b>	<b>-0-</b>	<b>552,227</b>	<b>-0-</b>	<b>21,450,450</b>	<b>17,216,513</b>	<b>-0-</b>	<b>42,654,834</b>
<b>FEDERAL TOTAL AUG 1986</b>	<b>134,875</b>	<b>2,011,351</b>	<b>-0-</b>	<b>297,190</b>	<b>-0-</b>	<b>15,871,210</b>	<b>8,799,910</b>	<b>-0-</b>	<b>27,114,536</b>
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
<b>FEDERAL GRAND TOTAL</b>	<b>134,875</b>	<b>2,011,351</b>	<b>-0-</b>	<b>297,190</b>	<b>-0-</b>	<b>15,871,210</b>	<b>8,799,910</b>	<b>-0-</b>	<b>27,114,536</b>

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

- |    |   |            |          |
|----|---|------------|----------|
| 1. | WISCONSIN 4-H FOUNDATION, INC.<br>MADISON, WI<br>MECHANICAL SCIENCES 4-H<br>MSN AG&LSC AG ENGINEERING | (133-L132) | 172.69   |
| 2. | MOBAY CORPORATION<br>KANSAS CITY, MO<br>SUPPORT WEED CONTROL RESEARCH PROGRAM<br>MSN AG&LSC AGRONOMY  | (133-7714) | 1,750.00 |

GIFT-IN-KIND

- |    |  |
|----|--|
| 1. | PROFESSOR VICTOR TERRAS<br>PROVIDENCE, RI<br>FIVE BOXES OF ESTONIAN BOOKS<br>MSN LIBR GEN OPERATIONS LIB ACQSTN  |
| 2. | DR. CORBIN FOWLER<br>MADISON, WI<br>THE LOGIC OF U.S. NUCLEAR WEAPONS POLICY<br>MSN LIBR GEN OPERATIONS LIB ACQSTN   |
| 3. | RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES<br>MADISON, WI<br>IMAGE TRANSMISSION SYSTEM - R1<br>MSN HS-MED RADIOLOGY   |
| 4. | HELENA LABORATORIES<br>BEAUMONT, TX<br>CENTRIFUGE, COUNTER-TOP MODEL FOR MICRO-CENTRIFUGE<br>TUBER<br>MSN AG&LSC AGRONOMY  |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>COLLAGES; CHRISTUSUBERMALUNG-A. RAINER: STUDY FOR<br>COMPOSITION NO. 128-F. VORDEMBERGE-GILDEWART:<br>GNOME-R. MICHEL: DIMITRI PRIGOV, BESTIALE SERIES I<br>-30, SERIES OF 30: JOEL PETER WITKIN, THE SINS OF<br>JUAN MIRO, BLACK AND WHITE PHOTOGRAPH.<br>MSN L&S ELVJM MUSEUM ART |
| 6. | MR. AND MRS. ROBERT J. BULLARD<br>BOSCOBEL, WI<br>THEODORE ROBINSON, UNTITLED ( MAN AT A VISE IN<br>WORKSHOP ) OIL ON PANEL<br>MSN L&S ELVJM MUSEUM ART  |
| 7. | MR. AND MRS. FREDERICK KUEHN<br>ROANOKE, VA<br>PAINTING ENTITLED " OLD UNION " BY RUTH SAMPLE<br>LINDQUIST<br>MSN UNION GENERAL  |

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

8. RICHARD KAPLAN  
NEW YORK, NY  
PAPERS, AUDIO TAPES, VIDEO TAPES AND FILMS  
MSN L&S COMMUN ARTS FLM&THEA R

INSTRUCTION

1. AGRIC, SCIENCE AND EDUCATION ADMIN.  
WASHINGTON, DC  
NATIONAL NEEDS FELLOWSHIP PROGRAM  
IN REPRODUCTIVE AND ENDOCRINE BIOTECHNOLOGY  
FOR THE PERIOD 09-01-87 THROUGH 08-31-92  
AWARD # 87-GRAD-9-0084  
MSN GRAD ENDOCRINOLOGY (144-Z841) 96,000.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) NATIONAL RESOURCES CENTER PROGRAM  
AFRICAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # GOO8540521  
MSN L&S AFRIC LANG & LIT AFR L&A CT (144-Z788) 138,338.00
- 2) EDUCATIONAL LEADERSHIP PREPARATION PROGRAM IN  
AUTISM AND SEVERE BEHAVIOR/COMMUNICATION DISORDERS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GOO8530101  
MSN EDUC WIS CTR EDUC RES (144-Z797) 105,770.00
- 3) NATIONAL RESOURCES CENTER PROGRAM  
LATIN AMERICAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # GOO8540509  
MSN L&S SPANISH & PORT IBERO-AMER (144-Z800) 77,556.00
- 4) NATIONAL RESOURCES CENTER PROGRAM  
SOUTH ASIAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # GOO8540530  
MSN L&S SO ASIAN STUDIES (144-Z805) 131,537.00
- 5) NATIONAL RESOURCES CENTER PROGRAM  
EAST ASIAN AREA STUDIES  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # GOO8540542  
MSN L&S INTRDPT CR PROGS E ASIA STU (144-Z833) 122,860.00
- 6) HEA II B LIBRARY CAREER TRAINING  
FOR THE PERIOD 07-01-87 THROUGH 09-30-88  
AWARD # GOO8710232  
MSN GRAD L&S LIB SCHOOL (144-Z868) 48,000.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

3. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
ECONOMICS OF MENTAL HEALTH  
FOR THE PERIOD 08-01-87 THROUGH 06-30-88  
AWARD # 5 T32 MH18029-04  
MSN L&S ECONOMICS (144-Z670) 137,173.00
4. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
TRANSITION IN PEDIATRIC PULMONARY CARE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # MCJ-009072-03-0  
MSN HS-MED PEDIATRICS (144-Z388) 280,500.00
5. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) MENTAL HEALTH SERVICE SYSTEMS RESEARCH TRAINING  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 T32 MH14641-12  
MSN HS-MED PSYCHIATRY (144-Z456) 161,023.00
  - 2) NUTRITION AND ONCOLOGY  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 T32 CA09451-05  
MSN AG&LSC NUTRITIONAL SCI (144-Z759) 173,458.00
  - 3) POSTDOCTORAL TRAINING IN TUMOR BIOLOGY  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # 5 T32 CA09230-12  
MSN HS-MED ONCOLOGY (144-Z850) 119,112.00
6. NASA, HEADQUARTERS  
WASHINGTON, DC  
GRADUATE STUDENT RESEARCHERS PROGRAM  
FOR THE PERIOD 06-01-85 THROUGH 05-31-88  
AT A TOTAL COST OF \$54,000.00  
AWARD # NGT-50-002-802, MOD. 2  
MSN L&S METEOROLOGY (144-W609) 18,000.00
7. UNIVERSITY OF WISCONSIN FOUNDATION  
REPRESENTING A TRANSFER OF FUNDS FROM THE  
TINKER FOUNDATION, NEW YORK, NY  
MADISON, WI  
EDWARD LAROCQUE TINKER VISITING PROFESSOR  
IN LATIN AMERICAN AFFAIRS  
MSN L&S ADMINISTRATION (133-B830) 256,975.59
8. MULTIPLE DONORS  
WATER RESOURCES MANAGEMENT PROGRAM  
DISCRETIONARY FUND  
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-J486) 30.00
9. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
U.W. FORENSICS PROGRAM - COMMUNICATION ARTS  
MSN L&S COMMUN ARTS (133-K182) 10,000.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

10.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 05-26-86 THRU 02-29-88 MSN EDUC WIS IMPROV PROG	(133-K370)	13,490.60
11.	ABBOTT DIAGNOSTICS DIVISION ABBOTT PARK, IL SLH IMMUNOLOGY TRAINING FUND MSN HS-HYG IMMUNOLOGY	TRNING FND (133-K634)	1,000.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VIRGIL E HERRICK MEMORIAL LECTURE FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M043)	986.22
13.	AMSTED INDUSTRIES FOUNDATION CHICAGO, IL PROMOTE EDUCATION AND DEVELOPMENT OF YOUNG PERSONS INTERESTED IN ENGINEERING MSN ENGR MET & MIN ENGR	(133-1081)	4,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DELOITTE HASKINS AND SELLS ACCOUNTING FACULTY ASSISTANCE GRANT MSN BUS SCH OF BUSINESS	(133-6111)	500.00

## LIBRARIES

1.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LIBRARY	(133-F070)	510.11
2.	LITHIUM CORPORATION OF AMERICA GASTONIA, NC SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	LITHIUM IN (133-9651)	7,000.00

## MISCELLANEOUS

1.	MULTIPLE DONORS ROBERTS, FANNIE ATWOOD--AGRICULTURE MSN AG&LSC PLANT PATHOLOGY POTATO-GEN	( TRUST )	300.00
2.	AGRICULTURAL & TECHNICAL STATE UNIVERSITY GREENBORO, N.C. DEPARTMENT OF BACTERIOLOGY--DISCRETIONARY FUND MSN AG&LSC BACTERIOLOGY	( TRUST )	200.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF BACTERIOLOGY- SEMINAR SPEAKERS FUND MSN AG&LSC BACTERIOLOGY	( TRUST )	4,000.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

- |     |   |           |
|-----|---|-----------|
| 4.  | INCOME ONLY IS TO SUPPORT THE COMPENSATION OF THE MEMBER OF THE FACULTY HOLDING THE CHAIR AND TO PROVIDE NECESSARY SUPPORT COSTS IN THE COLLEGE OR SCHOOL IN WHICH THE CHAIR IS HOUSED.<br>MAC ARTHUR, JOHN D. CHAIR--PROFESSOR R. BYRON BIRD<br>MSN ENGR CHEMICAL ENGR ( TRUST )                   |           |
| 5.  | MARANDON, JEANNE P. ESTATE<br>BROOKLYN, NY<br>MARANDON, JEANNE P.--MEMORIAL FUND IN FRENCH<br>MSN L&S FRENCH & ITALIAN ( TRUST )  | 5,000.00  |
| 6.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>ROTH, SOPHIE STEIGER BEQUEST<br>STEIGER, EMIL H.--AWARD<br>MSN G E A SECY OF THE FAC ( TRUST )   | 25,000.00 |
| 7.  | STATE NATIONAL BANK<br>EVANSTON, IL<br>STALEY, KATE ESTATE<br>MEEK, WALTER--MEMORIAL TRUST FUND<br>MSN HS-MED PHYSIOLOGY ( TRUST )  | 71.13     |
| 8.  | WERBEL, HAROLD J. & MURIAL W.<br>CARSON CITY, NV<br>MEDICAL SCHOOL CLASS OF 1939-FIFTIETH<br>ANNIVERSARY TRUST<br>MSN HS-MED ( TRUST )  | 50.00     |
| 9.  | SNYDER, HAROLD H. TRUST<br>WILMINGTON, DE<br>SNYDER, HOWARD H.--CHEMISTRY DEPARTMENT<br>MSN L&S CHEMISTRY ( TRUST )   | 45,000.00 |
| 10. | DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN<br>ROCKVILLE, MD<br>SOCIOECONOMIC & DEMOGRAPHIC CORRELATES OF<br>PHYSICIANS SUPPLY IN SMALL RURAL AND FRONTIER<br>COUNTIES OF THE U.S.<br>FOR THE PERIOD 07-24-87 THROUGH 08-01-88<br>AWARD # 87H0048380601D<br>MSN HS-MED PREVENTIVE MED (144-Z816) | 24,739.00 |
| 11. | DHHS, PHS, NATIONAL INSTITUTES OF HEALTH<br>BETHESDA, MD<br>PURCHASE AND MAINTENANCE OF RHESUS MONKEYS<br>FOR THE PERIOD 06-24-85 THROUGH 10-08-87<br>AWARD # 263-85-D-0125, MOD. 3<br>MSN L&S PSYCHOLOGY PRIMATE LB  | 33,900.00 |
| 12. | FAMILY ENHANCEMENT PROGRAM, INC.<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS PHS NIH<br>DANE COUNTY ADOLESCENT PREGNANCY PREVENTION<br>PROJECT<br>FOR THE PERIOD 01-01-87 THROUGH 06-30-87<br>MSN HS-NUR (144-Y877)  | 12,759.00 |

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

- |     |  |           |
|-----|--|-----------|
| 13. | FERMI NATIONAL ACCELERATOR LABORATORY<br>BATAVIA, IL<br>PRIME CONTRACTOR WITH DOE<br>FERMILAB'S SUPERCONDUCTING WIRE PROGRAM<br>FOR THE PERIOD 09-01-83 THROUGH 09-30-87<br>AT A TOTAL COST OF \$248,204.72<br>AWARD # P.O. 93582, MOD. 9<br>MSN ENGR ENGR EXPER STA SUPRCONDCT (144-T772) | 8,800.00  |
| 14. | WISCONSIN HUMANITIES COMMITTEE<br>MADISON, WI<br>PRIME CONTRACTOR WITH NEH<br>AFRICA: PAST, PRESENT AND FUTURE<br>FOR THE PERIOD 08-01-87 THROUGH 03-31-88<br>AWARD # FY87-22 (L)<br>MSN L&S AFRIC LANG & LIT AFR L&A CT (144-Z839)  | 5,316.48  |
| 15. | WISCONSIN HUMANITIES COMMITTEE<br>MADISON, WI<br>PRIME CONTRACTOR WITH NEH<br>THE MAGIC OF THE MONKEY KINGDOM: INTRODUCTION TO<br>PEKING OPERA<br>FOR THE PERIOD 10-01-87 THROUGH 12-31-87<br>AWARD # FY87-24(L)<br>MSN L&S INTRDPT CR PROGS E ASIA STU (144-Z860)                         | 1,469.00  |
| 16. | NATIONAL HISTORICAL PUBLICATIONS AND RECORDS COMM.<br>WASHINGTON, DC<br>THE DOCUMENTARY HISTORY OF THE RATIFICATION OF<br>THE CONSTITUTION<br>FOR THE PERIOD 07-01-87 THROUGH 08-01-88<br>AWARD # 87-M14<br>MSN L&S HISTORY (144-Z777)   | 18,000.00 |
| 17. | PEACE CORPS<br>CHICAGO, IL<br>PEACE CORPS STRATEGY CONTRACT<br>FOR THE PERIOD 08-17-87 THROUGH 06-15-88<br>AWARD # 160-87-3319<br>MSN AG&LSC INTL AG PRGS-ADM (144-Z891)   | 14,279.00 |
| 18. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC<br>SERVICES<br>MSN ARBOR ARBORETUM (133-A056)  | 9,841.80  |
| 19. | MULTIPLE DONORS<br>DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND<br>SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR<br>ALGEBRA AND ITS APPLICATIONS JOURNAL"<br>MSN L&S MATHEMATICS (133-A751)  | 500.00    |
| 20. | WISCONSIN LAW ALUMNI ASSOCIATION<br>MADISON, WI<br>DEFRAY SALARY OF EXECUTIVE DIRECTOR OF WISCONSIN<br>LAW ALUMNI ASSOCIATION<br>MSN LAW LAW SCHOOL (133-A829)   | 4,829.98  |





GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MATERIALS SCIENCE INDUSTRIAL CONSORTIUM MSN ENGR ENGR EXPR STA, MATERLS SC	(133-G075)	10,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	6,600.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI	(133-G572)	250.00
35.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE	(133-G652)	13,998.42
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT MSN L&S CHEMISTRY	(133-G681)	1,383.00
37.	MELVIN P SIEDBAND MADISON, WI DISCRETIONARY GRANT FOR BIOMEDICAL ENGINEERING MSN HS-MED MEDICAL PHYSICS	(133-H073)	1,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPLIES, EQUIPMENT AND MISCELLANEOUS EXPENSES MSN L&S ECONOMICS	(133-H571)	500.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARBORETUM EDUCATION COORDINATOR SALARY AND PROGRAM SUPPORT FUND MSN ARBOR ARBORETUM	(133-H948)	5,201.06
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DU PONT YOUNG FACULTY AWARD	(133-H990)	15,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS	(133-J188)	6,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOMEN'S STUDIES RESEARCH CENTER NEWSLETTER MSN L&S WOMEN'S STUDIES RESRCH CTR	(133-J232)	700.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALDAG FACULTY FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-J387)	7,500.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR OPERATIONS	(133-J393)	1,500.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST	(133-J687)	2,700.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PUBLIC EDUCATION PROGRAM SUPPORT MSN ARBOR ARBORETUM	(133-J690)	2,000.00
47.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY	(133-J716)	6,010.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLINICAL GENETICS PROGRAM DISCRETIONARY FUND MSN HS-MED GENET CLIN PROG	(133-J734)	2,000.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC	(133-J756)	300.00
50.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	500.00
51.	MULTIPLE DONORS MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-J847)	147.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM GIFT SUPPORT FUND MSN ARBOR ARBORETUM	(133-K175)	1,395.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-K243)	2,000.00

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54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED	(133-K244)	35,000.00
55.	THE UPJOHN COMPANY KALAMAZOO, MI DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE	GEN INT MD (133-K814)	500.00
56.	MULTIPLE DONORS DEPARTMENTAL DISCRETIONARY FUND MSN AG&LSC POULTRY SCIENCE	(133-L097)	29.45
57.	MULTIPLE DONORS RURAL SOCIOLOGY ANNUAL MEETINGS MSN AG&LSC RURAL SOCIOLOGY	(133-L589)	3,000.00
58.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE DISCRETIONARY ACCOUNT MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-L716)	200.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR RETAILING STUDIES MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-L943)	4,425.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HONORARIUM FUND MSN L&S SOCIOLOGY	(133-L953)	175.00
61.	COLLEGE OF VETERINARY MEDICINE CORVALLIS, OR COMPUTERIZED DATA ACQUISITION MSN VET M SURGICAL SCI	(133-L966)	4,000.00
62.	MEDICAL RESEARCH COUNCIL OF CANADA OTTAWA, CANADA RESEARCH ALLOWANCE MSN HS-MED ONCOLOGY	(133-L967)	955.11
63.	MULTIPLE DONORS CONSTRUCTION OF AN EXHIBIT ON WISCONSIN'S GROUNDWATER FOR THE GEOLOGY MUSEUM MSN L&S GEOL & GEOPHYSCS	(133-M004)	200.00
64.	MULTIPLE DONORS FACILITIES MANAGEMENT CENTER MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M012)	209.95
65.	MULTIPLE DONORS ADVANCED ACCELERATOR CONCEPTS MSN L&S PHYSICS	(133-M019)	1,270.93

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66.	STATE PUBLIC DEFENDER'S OFFICE MADISON, WI LEGAL DEFENSE PROJECT MSN LAW LAW SCHOOL	(133-M026)	80,000.00
67.	IOWA (STATE OF) DES MOINES, IA SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	3,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-5929)	6,000.00
69.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	675.00 MULTIPLE DONORS 500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		1,175.00
70.	UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	
	15.00 MULTIPLE DONORS 2,500.00 CARRINGTON LABORATORIES, INC. DALLAS, TX 10.00 MULTIPLE DONORS		2,525.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-6718)	5,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-8366)	100,000.00
73.	MULTIPLE DONORS BLUE BUS CLINIC OPERATION MSN HS-UHS HEALTH SVC-BBC	(133-8650)	13.00
74.	MULTIPLE DONORS ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND MSN AG&LSC N R-ENVIR AWARE	(133-8925)	18.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-9011)	7,000.00

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- |     |  |            |           |
|-----|--|------------|-----------|
| 76. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL<br>CLINICS<br>MSN HS-MED FAM MED & PRACT | (133-9582) | 13,333.36 |
| 77. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>WISCONSIN REGIONAL PRIMATE CENTER DIRECTOR'S<br>DISCRETIONARY GRANT<br>MSN L&S PRIMATE RES CTR  | (133-9599) | 13,899.00 |
| 78. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEFRAY COST OF ARBORETUM RANGER SALARY AND<br>EXPENSES<br>MSN ARBOR ARBORETUM                   | (133-9841) | 1,077.14  |

## RESEARCH

1. E.I. DU PONT DE NEMOURS & COMPANY  
GLENOLDEN, PA  
DU PONT RECOMBINANT INTERLEUKIN-2  
MSN HS-MED MED MICROBIOLOGY
2. E.I. DU PONT DE NEMOURS & COMPANY  
GLENOLDEN, PA  
EFFECTS OF INTERLEUKIN-2 ON ANTIBACTERIAL  
RESISTANCE  
MSN VET M PATHOBIOLOGCL SCI
3. MAYER (OSCAR FOODS CORPORATION)  
MADISON, WI  
COOPERATIVE RESEARCH AND TRAINING ACTIVITIES  
RELATED TO MEAT AND ANIMAL SCIENCE FOR  
THE PERIOD 07-01-86 THRU 06-30-87  
MSN AG&LSC MEAT& ANIMAL SCI
4. AGRI-DIAGNOSTICS ASSOCIATES  
CINNAMINSON, NJ  
IMMUNODETECTION OF PHYTOPHTHORA EVALUATION AND  
INFORMATION EXCHANGE AGREEMENT  
MSN AG&LSC PLANT PATHOLOGY
5. WEST INDIES (UNIVERSITY OF )  
TRINIDAD, WEST INDIES  
TERM ABROAD PROGRAM AT THE UNIVERSITY OF THE  
WEST INDIES-ST. AUGUSTINE  
MSN AG&LSC INTL AG PRGS-ADM
6. BIOMOLECULAR MEDICINE SECTION  
DEPARTMENT OF MEDICINE  
BOSTON, MA  
TRANSCRIPTIONAL CONTROL OF BOVINE HERPESVIRAL  
GLYCOPROTEIN GENES  
MSN AG&LSC VETERINARY SCI

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## RESEARCH

7. WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
HERITAGE ENSEMBLE IN STATE PARKS  
MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU
8. GENETICS INSTITUTE, INC.  
CAMBRIDGE, MA  
MATERIALS RELEASE AGREEMENTS  
MSN HS-MED PATHOL & LAB MED ANAT PATH
9. WISCONSIN ALUMNI RESEARCH FOUNDATION  
MADISON, WI  
RESEARCH COMMITTEE AWARDS TO FACULTY RESEARCHERS,  
\$8,150,845, HAIGHT PROFESSORS, \$5,000,  
BRITTINGHAM VISITING PROFESSORS, \$67,600, SPECIAL  
RESEARCH EQUIPMENT MATCH FUNDS, \$500,000 AND  
FELLOWSHIPS, \$1,400,000 -1987-88  
MSN GRAD (135-9998) 10,123,445.00
10. COLLINS, HORACE--LEUKEMIA RESEARCH  
MSN HS-MED MEDICINE HEMATOLOGY ( TRUST )
- |          |                          |            |
|----------|--------------------------|------------|
| 55.00    | MULTIPLE DONORS          |            |
| 3,135.00 | HAUB, RAYMOND & BARBARA  | \$ 1000.00 |
|          | WEST BROOKLYN, IL        |            |
|          | SCHWENN, JAMES E. & LORA | \$ 500.00  |
|          | MADISON, WI              |            |
|          | MULTIPLE DONORS          | \$ 1635.00 |
|          |                          | 3,190.00   |
11. YOUNG FARMS  
MENOMONIE, WI  
DEPARTMENT OF PLANT PATHOLOGY--RESEARCH ON RED  
KIDNEY BEAN DISEASE  
MSN AG&LSC PLANT PATHOLOGY ( TRUST ) 1,000.00
12. PLANT DISEASE RESEARCH FUND  
MSN AG&LSC PLANT PATHOLOGY ( TRUST )
- |          |                                   |          |
|----------|-----------------------------------|----------|
| 2,000.00 | FERMENTA PLANT PROTECTION COMPANY |          |
|          | PAINESVILLE, OH                   |          |
| 2,000.00 | MOBAY CORPORATION                 |          |
|          | KANSAS CITY, MO                   |          |
| 3,000.00 | WISCONSIN TURFGRASS ASSOCIATION   |          |
|          | MADISON, WI                       |          |
|          |                                   | 7,000.00 |
13. INTERNATIONAL BUSINESS MACHINES  
NEW HAVEN, CT  
COMPUTER SCIENCES DEPARTMENT FELLOWSHIP # 2  
MSN L&S COMPUTER SCI ( TRUST ) 12,915.75
14. RESEARCH TO PREVENT BLINDNESS, INC.  
NEW YORK, NY  
OPHTHALMOLOGY DEPARTMENT--RESEARCH FUND  
MSN HS-MED OPHTHALMOLOGY ( TRUST ) 35,000.00

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15.	MULTIPLE DONORS MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )	25.00
16.	HERCULES INCORPORATED ATLANTA, GA CANCER RESEARCH AT THE MCARDLE LABORATORY MSN HS-MED ONCOLOGY ( TRUST )	1,000.00
17.	GUSTAFSON, INC \$ 2250.00 DALLAS, TX FERMENTA PLANT PROTECTION CO \$ 2500.00 PAINESVILLE, OH DEPARTMENT OF PLANT PATHOLOGY--DISEASES OF VEGETABLE CROPS MSN AG&LSC PLANT PATHOLOGY ( TRUST )	4,750.00
18.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI DEPARTMENT OF PLANT PATHOLOGY--DISEASE MGMT OF BACTERIAL BROWN SPOT MSN AG&LSC PLANT PATHOLOGY ( TRUST )	10,000.00
19.	PRINCIPAL AND INCOME AVAILABLE FOR AGRICULTURAL RESEARCH IN CONNECTION WITH THE GROWING OF VEGETABLES. OWENS, EMERY--MEMORIAL FUND IN AGRICULTURAL RESEARCH MSN AG&LSC ADMIN-DEAN & DIR ( TRUST )	
20.	FUND IS AVAILABLE FOR SPECIAL PROJECTS TO BENEFIT THE MEDICAL SCHOOL. MEDICAL ALUMNI PROFESSORSHIP--DR. ARCHIE A. MACKINNEY MSN HS-MED MEDICINE ( TRUST )	
21.	HOLT, RINEHART & WINSTON NEW YORK, NY SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF ( TRUST )	.59
22.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY ( TRUST )	
	500.00 COLLENTINE, PHILOMENA J. ESTATE DARLINGTON, WI	
	27,785.96 TROY, MARY M. ESTATE MAUSTON, WI CURRAN, CHARLES P. PERS REP	
	200.00 DNAX RESEARCH INSTITUTE PALO ALTO, CA	
	482.00 GREENTREE COMMUNITY CLUB MADISON, WI	
	200.00 MULTIPLE DONORS	

29,167.96



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23.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	( TRUST )	951.00
24.	MULTIPLE DONORS IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	( TRUST )	5.00
25.	ABBOTT LABORATORIES NORTH CHICAGO, IL HUMAN ONCOLOGY--GENERAL RESEARCH SUPPORT- DR. TORMEY MSN HS-MED HUMAN ONCOLOGY	( TRUST )	3,627.00
26.	AGRICULTURE, DEPT. OF MADISON, WI WISCONSIN LAND RECORDS PROJECT FOR ACCELERATING CONSERVATION PLANNING AND PROGRAM SERVICES DELIVERY FOR THE PERIOD 02-17-87 THROUGH 03-01-88 AT A TOTAL COST OF \$155,970.00 AWARD # AGR DTD 02-12-87, MOD. 1 MSN AG&LSC NR-LANDSCAP ARCH	(144-Y976)	40,470.00
27.	AGRICULTURE, DEPT. OF MINNEAPOLIS, MN SCREENING THE IR-1 COLLECTION FOR ERWINIA COMPLEX (BLACKLEG) RESISTANCE FOR THE PERIOD 08-25-86 THROUGH 06-30-88 AT A TOTAL COST OF \$17,000.00 AWARD # 58-5759-6-8, MOD. 2 MSN AG&LSC PLANT PATHOLOGY	(144-Y494)	10,000.00
28.	AGRIC, SCIENCE AND EDUCATION ADMIN. WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	MOLECULAR TAGGING OF THE RP LF GENE IN MAIZE FOR THE PERIOD 07-15-87 THROUGH 07-31-89 AWARD # 87-CRCR-1-2451 MSN AG&LSC PLANT PATHOLOGY	(144-Z760)	100,000.00
2)	MOLECULAR HOST-PARASITE INTERACTIONS IN THE TOBACCO HORNWORM FOR THE PERIOD 09-01-87 THROUGH 08-31-89 AWARD # 87-CRCR-1-2407 MSN AG&LSC ENTOMOLOGY	(144-Z761)	100,000.00
3)	MOLECULAR CHARACTERIZATION OF THE BLUETONGUE NEUTRALIZING ANTIGEN FOR THE PERIOD 08-01-87 THROUGH 07-31-90 AWARD # 87-CRSR-2-3172 MSN VET M PATHOBIOLGCL SCI	(144-Z774)	150,000.00
4)	EFFECTS OF 4-IPOMEANOL ON BOVINE VIRAL AND BACTERIAL PNEUMONIA FOR THE PERIOD 09-15-87 THROUGH 09-30-89 AWARD # 87-CRSR-2-3127 MSN VET M PATHOBIOLGCL SCI	(144-Z778)	150,000.00

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5)	EFFECTOR CELL RECOGNITION OF BHV-1 GLYCOPROTEINS CODED BY TRANSFECTED GENES FOR THE PERIOD 09-15-87 THROUGH 09-30-89 AWARD # 87-CRSR-2-3128 MSN AG&LSC VETERINARY SCI	(144-Z782)	150,000.00
6)	CHARACTERIZATION OF SCRAPIE AGENT NUCLEIC ACID FOR THE PERIOD 09-01-87 THROUGH 08-31-90 AWARD # 87-CRCR-1-2457 MSN AG&LSC VETERINARY SCI	(144-Z803)	200,000.00
7)	THE ORGANIZATION, REGULATION AND PERFORMANCE OF THE U.S. FOOD SYSTEM FOR THE PERIOD 08-01-87 THROUGH 10-31-90 AWARD # 87-CRSR-2-3191 MSN AG&LSC AG ECONOMICS	(144-Z824)	140,304.00
8)	TISSUE TROPISM OF VIRULENT AVIAN INFLUENZA A VIRUSES FOR THE PERIOD 09-01-87 THROUGH 08-31-90 AWARD # 87-CRSR-2-3159 MSN VET M PATHOBIOLOGCL SCI	(144-Z830)	75,000.00
9)	EARLY EMBRYONIC LOSS IN HEIFERS FOR THE PERIOD 09-15-87 THROUGH 09-30-90 AWARD # 87-CRSR-2-3158 MSN AG&LSC VETERINARY SCI	(144-Z831)	150,000.00
29.	AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	LAND TENURE RESEARCH ACTIVITIES FOR THE PERIOD 04-01-84 THROUGH 07-31-89 AWARD # DAN-5301-A-00-4033-00, MOD. 18 MSN AG&LSC LAND TENURE CTR	(144-U329)	530,000.00
2)	TENURE SECURITY AND LAND MARKETS RESEARCH IN LATIN AMERICA, AND THE CARIBBEAN FOR THE PERIOD 09-05-86 THROUGH 07-31-89 AWARD # DAN-5301-A-00-4033-00, MOD. 17 MSN AG&LSC LAND TENURE CTR	(144-Y596)	250,000.00
3)	AFRICA BUREAU SUPPORT LTC APPLIED RESEARCH AND TECHNICAL ASSISTANCE FOR THE PERIOD 08-01-87 THROUGH 07-31-89 AWARD # DAN-5301-A-00-4033, MOD. 17 MSN AG&LSC LAND TENURE CTR	(144-Z864)	500,000.00
30.	EGYPTIAN CULTURAL & EDUCATIONAL BUREAU WASHINGTON, DC PRIME CONTRACTOR WITH AID EGYPTIAN PEACE FELLOWSHIP FOR THE PERIOD 09-26-86 THROUGH 07-25-87 AWARD # PF2143 MSN L&S PHYSICS	(144-Z887)	1,500.00

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31. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
ACCESS THE ACCURACY OF DIGITAL CADASTRAL MAPS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # NA87AA-H-CG109  
MSN ENV ST LAND INFO STU LD INFO ST (144-Z775) 9,998.00
32. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) PUBLIC SCHOOL OUTREACH TO FAMILIES WITH MILDLY  
HANDICAPPED ADOLESCENT OFFSPRING  
FOR THE PERIOD 07-01-87 THROUGH 07-31-88  
AWARD # GO08630136  
MSN EDUC REHAB PSYC&SP ED (144-Z663) 112,559.00
- 2) HEARING PROBLEMS IN CHILDREN: NEW TECHNIQUES  
FOR ASSESSMENT AND EARLY INTERVENTION  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # GO08720097  
MSN GRAD WAISMAN CENTER (144-Z771) 50,000.00
- 3) REHABILITATIVE RESEARCH AND DEMO-CHARACTERIZATION  
OF BRAIN ACTIVITY ASSOCIATED WITH FUNCTIONAL  
RETRAINING OF POST-ACUTE TRAUMATIC BRAIN INJURED  
CHILDREN  
FOR THE PERIOD 09-15-87 THROUGH 09-14-88  
AWARD # GO08535126  
MSN HS-MED REHABIL MEDICINE (144-Z851) 87,975.00
33. NATIONAL RURAL HEALTH ASSOCIATION  
KANSAS CITY, KS  
PRIME CONTRACTOR WITH DHHS HCFA  
RURAL PHYSICIAN SUPPLY & DISTRIBUTION; FURTHER  
ANALYSIS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # AGR DTD 07-29-87  
MSN HS-MED PREVENTIVE MED (144-Z795) 34,400.00
34. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS OS  
RESEARCH INTO THE WISCONSIN EMPLOYMENT AND  
JOB TRAINING PILOT PROGRAM AND RELATED  
WELFARE ISSUES  
FOR THE PERIOD 07-01-87 THROUGH 12-31-87  
AWARD # P.O. FDH 64876  
MSN L&S INST-RES ON POV (144-Z749) 48,840.00
35. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) PSYCHOSOCIAL RISK FACTORS FOR DEPRESSION  
FOR THE PERIOD 08-01-87 THROUGH 02-29-88  
AWARD # 1 R29 MH43022-01  
MSN GRAD INST-AGING&ADULT (144-Z658) 103,941.00

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2)	CELL MEMBRANE ACTIVITY IN FUNCTIONAL PSYCHOSES FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 R01 MH26494-11 MSN HS-PSY PSYCHIATRIC INST	( 144-Z786)	122,582.00
3)	NEUROBIOLOGY OF EXPLOSIVE VIOLENCE FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 MH40748-03 MSN HS-PSY PSYCHIATRIC INST	( 144-Z817)	75,341.00
4)	AFFECT, FACIAL EXPRESSION AND BRAIN ASYMMETRY FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 MH40747-03 MSN L&S PSYCHOLOGY	( 144-Z821)	193,184.00
5)	HEMISPHERIC DYSFUNCTION IN PSYCHOSIS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 MH39469-03 MSN L&S PSYCHOLOGY	( 144-Z825)	105,638.00
6)	EVOLUTION AND DEVELOPMENT OF PRIMATE SPEECH ANALOGUES FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 MH29775-11 MSN L&S PSYCHOLOGY	( 144-Z844)	113,450.00
7)	RESEARCH SCIENTIST AWARD FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 2 K05 MH00177-11 MSN L&S PSYCHOLOGY	( 144-Z849)	59,778.00
8)	BREEDING BIOLOGY AND BEHAVIOR OF MONOGAMOUS PRIMATES FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 2 R01 MH35215-06 MSN L&S PSYCHOLOGY	( 144-Z855)	100,234.00
9)	ANXIETY SYSTEM AND ATTENTIONAL DEFICITS IN PSYCHOPATHY FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 MH37711-05 MSN L&S PSYCHOLOGY	( 144-Z893)	72,928.00
36.	DHHS, PHS, NATL CTR FOR HLTH SERVICES RES ROCKVILLE, MD POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 F32 HS00001-02 MSN ENGR INDUSTRIAL ENGR	( 144-Z798)	33,000.00
37.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS PHS HRSA STATEWIDE GENETICS SERVICES NETWORK FOR THE PERIOD 07-01-87 THROUGH 12-31-87 AWARD # AGR DTD 07/28/87 MSN GRAD WAISMAN CENTER	( 144-Z762)	23,020.00

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38. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS HRSA  
STATEWIDE GENETICS SERVICES NETWORK  
FOR THE PERIOD 07-01-87 THROUGH 12-31-87  
AWARD # AGR DTD 07/28/87  
MSN HS-MED GENETICS (144-Z764) 234,480.00
39. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY  
TREATMENT OF DIABETIC RETINOPATHY  
FOR THE PERIOD 09-30-77 THROUGH 03-31-88  
AT A TOTAL COST OF \$1,652,218.00  
AWARD # NO1-EY-7-2139, MOD. 18  
MSN HS-MED OPHTHALMOLOGY (144-K794) 52,946.00
  - 2) PROFESSIONAL ONCOLOGY EDUCATION PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-88  
AT A TOTAL COST OF \$78,282.00  
AWARD # 5 R25 CA18397-12, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-X953) 35,872.00
  - 3) BIOLOGY OF HEPATOCARCINOGENESIS  
FOR THE PERIOD 08-01-86 THROUGH 10-31-87  
AT A TOTAL COST OF \$153,531.00  
AWARD # 5 RO1 ESO3616-03, MOD. 1  
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-Y268) 31,460.00
  - 4) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD  
(REDUCTION TO REFLECT EARLY TERMINATION  
OF FELLOW)  
FOR THE PERIOD 09-01-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$21,330.00  
AWARD # 5 F32 GM10895-02, MOD. 1  
MSN L&S CHEMISTRY (144-Y464) 3,666.00-
  - 5) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD  
(REDUCTION TO REFLECT EARLY TERMINATION  
OF FELLOW)  
FOR THE PERIOD 10-14-86 THROUGH 07-19-87  
AT A TOTAL COST OF \$16,037.00  
AWARD # 5 F32 GM10639-02, MOD. 1  
MSN L&S CHEMISTRY (144-Y615) 3,967.00-
  - 6) ALTERATIONS OF METABOLISM IN ISCHEMIC MYOCARDIUM  
FOR THE PERIOD 01-01-87 THROUGH 12-31-87  
AT A TOTAL COST OF \$153,632.00  
AWARD # 5 RO1 HL32350-04, MOD. 1  
MSN HS-MED MEDICINE CARDIOLOGY (144-Y871) 10,792.00

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- 7) ELECTRORETINOGRAPHIC STUDIES IN DIABETIC  
RETINOPATHY  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AT A TOTAL COST OF \$170,647.00  
AWARD # 3 RO1 EYO3084-09S1, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-Z188) 80,181.00
- 8) EASTERN COOPERATIVE ONCOLOGY GROUP -  
OPERATIONS OFFICE  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AT A TOTAL COST OF \$1,359,184.00  
AWARD # 5 U10 CA21115-12, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-Z197) 1,790.00
- 9) ACTIN AND FIBRONECTIN IN RETINAL VASCULAR  
DISEASE AND IN PRERETINAL MEMBRANES  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AT A TOTAL COST OF \$242,995.00  
AWARD # 5 RO1 EYO1634-12, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-Z290) 4,276.00
- 10) OPTIMIZATION OF IN-VIVO SODIUM NMR IMAGING  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 CA40307-03  
MSN HS-MED RADIOLOGY (144-Z401) 96,823.00
- 11) ECOG CCOP RESEARCH BASE  
FOR THE PERIOD 08-12-87 THROUGH 05-31-88  
AWARD # 2 U10 CA37403-04  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-Z496) 829,123.00
- 12) CONTROL OF FOLIC ACID METABOLISM IN MAMMALS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 DK35853-03  
MSN AG&LSC NUTRITIONAL SCI (144-Z609) 87,624.00
- 13) PROLACTIN SYNTHESIS IN NORMAL AND NEOPLASTIC  
TISSUE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 CA18110-13  
MSN AG&LSC BIOCHEMISTRY (144-Z620) 132,117.00
- 14) MODIFIED RESEARCH CAREER DEVELOPMENT AWARD  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 KO4 HLO1494-03  
MSN VET M CMPARTV BIOSCI'S (144-Z640) 50,230.00
- 15) APOLIPOPROTEIN-B MUTATIONS AND LOW DENSITY  
LIPOPROTEIN METABOLISM IN PIGS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 1 RO1 HL37251-01A1  
MSN AG&LSC BIOCHEMISTRY (144-Z736) 162,679.00
- 16) ION CHANNELS AND OSMOTAXIS IN ESCHERICHIA COLI  
FOR THE PERIOD 07-15-87 THROUGH 06-30-88  
AWARD # 1 RO1 DK39121-01  
MSN AG&LSC BIOCHEMISTRY (144-Z741) 281,713.00

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- |     |  |            |              |
|-----|--|------------|--------------|
| 17) | SPECIFIC IMMUNE REACTIVITY TO<br>TREPONEMAL INFECTION<br>FOR THE PERIOD 09-01-87 THROUGH 08-31-88<br>AWARD # 2 RO1 AI22199-04<br>MSN HS-MED MED MICROBIOLOGY     | (144-Z742) | 198,957.00   |
| 18) | RISK FACTORS IN BRONCHOPULMONARY DYSPLASIA<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # 1 RO1 HL38149-01<br>MSN HS-MED PREVENTIVE MED                  | (144-Z743) | 186,462.00   |
| 19) | VISUAL PATHWAYS AND CENTERS IN MAMMALS<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 EYO2877-08<br>MSN HS-MED NEUROPHYSIOLOGY                     | (144-Z745) | 124,800.00   |
| 20) | SPEECH MOVEMENT RESEARCH WITH<br>AN X-RAY MICROBEAM<br>FOR THE PERIOD 09-01-87 THROUGH 08-31-88<br>AWARD # 5 P50 NS16373-08<br>MSN GRAD WAISMAN CENTER           | (144-Z746) | 1,210,873.00 |
| 21) | DYNAMIC MIGRATION MODELS APPLIED TO U.S.<br>LONGITUDINAL DATA<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 HD19473-02<br>MSN L&S INST-RES ON POV | (144-Z747) | 77,105.00    |
| 22) | CONCERNING THE CELLULAR MODE OF ACTION OF<br>ALUMINUM<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 1 RO1 ESO4475-01<br>MSN HS-MED PHYSIOLOGY           | (144-Z756) | 57,412.00    |
| 23) | MYOCARDIAL GLUCOSE TRANSPORT AND<br>METABOLISM WITH PET<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 HL29046-06<br>MSN HS-MED MEDICAL PHYSICS    | (144-Z767) | 156,708.00   |
| 24) | NUCLEAR ARCHITECTURAL CHANGES DURING<br>MOUSE FERTILIZATION<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 HD22902-02<br>MSN L&S ZOOLOGY           | (144-Z769) | 126,821.00   |
| 25) | THE THYLAKOID ENERGY TRANSDUCING ATPASE COMPLEX<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 GM31384-05<br>MSN AG&LSC BIOCHEMISTRY               | (144-Z772) | 131,561.00   |
| 26) | ULTRASONIC SCATTER IN SOFT TISSUES AND TISSUE<br>PHANTOMS<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # 5 RO1 CA39224-06<br>MSN HS-MED MEDICAL PHYSICS  | (144-Z773) | 100,074.00   |

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27)	DSA IMAGING OF CORONARY FLOW RESERVE FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 RO1 HL37339-01A1 MSN HS-MED MEDICAL PHYSICS	(144-Z776)	157,720.00
28)	CHARACTERIZATION OF LUNG PHOSPHOLIPID TRANSFER PROTEINS FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 RO1 HL38744-01 MSN HS-MED PEDIATRICS	(144-Z779)	93,329.00
29)	CRITICAL POINT DRYER; LOW TEMPERATURE SECTION SYSTEM FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 S15 NS25435-01 MSN VET M ADM-RES& GRAD TR ADM-RES&GR	(144-Z780)	12,100.00
30)	ACTIVATION OF CARCINOGENS BY HUMAN UROTHELIUM IN VITRO FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 2 RO1 ES03509-04 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-Z781)	152,112.00
31)	CONTROL OF MEMBRANE ACTIVITY BY NEUROTRANSMITTERS FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 NS13878-08 MSN HS-PSY PSYCHIATRIC INST	(144-Z789)	147,947.00
32)	EXPERIMENTAL LIVER PRESERVATION FOR TRANSPLANTATION FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 DK35143-02 MSN HS-MED SURGERY GEN SURG	(144-Z790)	175,219.00
33)	GLUCOSE/FUEL METABOLISM AND CALCIUM IN PANCREATIC ISLETS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 2 RO1 DK28348-07 MSN HS-MED PEDIATRICS	(144-Z812)	167,330.00
34)	DEVELOPMENTAL BIOLOGY OF STREPTOMYCES FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 AI13948-10 MSN AG&LSC BACTERIOLOGY	(144-Z814)	95,830.00
35)	MOLECULAR BIOLOGY OF MULTIPARTITE GENOME VIRUSES FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R37 AI23742-02 MSN GRAD INST MOL VIR INST MOL V	(144-Z815)	144,346.00
36)	DEVELOPMENT OF MOTION PERCEPTION FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 RO1 HD23247-01 MSN L&S PSYCHOLOGY	(144-Z819)	37,732.00



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37) BIOCHEMISTRY OF SYNAPTIC VESICLES FROM MAMMALIAN BRAIN FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 NS24890-02 MSN HS-MED ANATOMY	(144-Z820)	110,887.00
38) ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF THE LIVER FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 ESO1332-13 MSN HS-PHR PHARMACY	(144-Z823)	154,645.00
39) DETERMINANTS OF PLACENTAL BLOOD FLOW FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 HD21082-02 MSN HS-MED PHYSIOLOGY	(144-Z842)	97,848.00
40) ORAL CANDIDA IN ATHYMIC MICE: STOMATITIS AND GLOSSITIS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 DE07339-02 MSN HS-MED SURGERY                      GEN SURG	(144-Z843)	127,475.00
41) GENETIC POLYMORPHISMS OF SALIVA FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 DE03658-23 MSN HS-MED MEDICINE                      HEMATOLOGY	(144-Z845)	181,241.00
42) THE GENETIC SPECIFICATION ON NEMATODE MUSCLE FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 GM30132-06 MSN AG&LSC GENETICS	(144-Z846)	157,461.00
43) GENETICS AND MOLECULAR BIOLOGY OF DROSOPHILA FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 PO1 GM35099-03 MSN HS-MED GENETICS	(144-Z847)	341,176.00
44) INSTABILITY OF TUMOR PROMOTION IN HEPATOCARCINOGENESIS FOR THE PERIOD 09-01-87 THROUGH 05-30-88 AWARD # 1 RO1 CA45700-01 MSN HS-MED ONCOLOGY	(144-Z848)	128,783.00
45) X-RAY DIFFRACTION STUDIES ON TRNA'S FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 GM18455-14 MSN AG&LSC BIOCHEMISTRY	(144-Z863)	109,640.00
46) ANTERIOR OCULAR SEGMENT PHYSIOLOGY AND PHARMACOLOGY FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 EYO2698-09 MSN HS-MED OPHTHALMOLOGY	(144-Z869)	284,821.00

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47)	INTERACTION BETWEEN MOTHERS AND HANDICAPPED INFANTS FOR THE PERIOD 08-15-87 THROUGH 07-31-88 AWARD # 2 R01 NRO1112-04 MSN HS-NUR	(144-Z880)	86,705.00
48)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 F32 EYO5879-03 MSN L&S PSYCHOLOGY	(144-Z881)	24,996.00
49)	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL) FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 1 K11 AIO0840-01 MSN HS-MED MEDICINE INFECT DIS	(144-Z883)	63,720.00
50)	GENETIC ANALYSIS OF PATTERN FORMATION FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 GM35432-02 MSN AG&LSC BACTERIOLOGY	(144-Z896)	130,397.00
51)	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 KO4 ES00098-05 MSN HS-PHR PHARMACY	(144-Z897)	53,093.00
52)	PREDICTING THE USE OF SLEEP MEDICATIONS IN NURSING HOMES FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 R01 AG05120-03 MSN HS-PHR PHARMACY	(144-Z898)	67,263.00
40.	HARVARD UNIVERSITY CAMBRIDGE, MA PRIME CONTRACTOR WITH DHHS PHS NIH AIR QUALITY AND LUNG HEALTH IN PORTAGE, WI FOR THE PERIOD 11-01-86 THROUGH 09-20-87 AT A TOTAL COST OF \$16,097.00 AWARD # CHANGE ORDER #T8-O221, MOD. 1 MSN ENV ST CT HUMAN SYSTEMS	(144-Y925)	2,975.00
41.	UNIVERSITY OF CALIFORNIA SAN FRANCISCO, CA PRIME CONTRACTOR WITH DHHS PHS NIH EXPERIMENTAL MASSIVE PERIRETINAL PROLIFERATION FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # AGREEMENT #1163SC-07 MSN HS-PHR PHARMACY	(144-Z765)	92,109.00
42.	UNIVERSITY OF WASHINGTON SEATTLE, WA PRIME CONTRACTOR WITH DHHS PHS NIH SIMULATION RESOURCE IN MASS TRANSPORT AND EXCHANGE FOR THE PERIOD 12-01-86 THROUGH 11-30-87 AWARD # 662248 MSN ENGR CHEMICAL ENGR	(144-Z879)	20,546.00

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43. DOD, AIR FORCE  
HANSCOM AFB, MA  
PRODUCTION OF ATOMIC AND MOLECULAR RADIATION BY  
ELECTRON IMPACT  
FOR THE PERIOD 01-08-87 THROUGH 01-07-88  
AT A TOTAL COST OF \$66,066.00  
AWARD # F19628-87-K-0017, MOD. 2  
MSN L&S PHYSICS (144-Y893) 6,066.00
44. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
TIME AND STATE RESOLVED STUDIES OF MOLECULAR  
DECOMPOSITION AND ISOMERIZATION  
FOR THE PERIOD 08-01-85 THROUGH 07-31-88  
AT A TOTAL COST OF \$244,604.00  
AWARD # DAAG29-85-K-0122, MOD. 3  
MSN L&S CHEMISTRY (144-W598) 86,972.00
45. UNIVERSITY OF CALIFORNIA, LOS ANGELES  
LOS ANGELES, CA  
PRIME CONTRACTOR WITH DOD ARMY  
HIGH RESOLUTION GAMMA RAY DETECTOR AT PSL  
FOR THE PERIOD 07-01-87 THROUGH 12-31-87  
AWARD # PD #1025-P-04134  
MSN L&S PHYSICS (144-Z836) 40,000.00
46. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) STUDIES OF NUCLEATION AND GROWTH AT SEMICONDUCTOR-  
SEMICONDUCTOR AND SEMICONDUCTOR-METAL INTERFACES  
FOR THE PERIOD 06-01-81 THROUGH 09-30-87  
AT A TOTAL COST OF \$545,414.00  
AWARD # NO0014-81-K-0718, MOD. 7  
MSN ENGR MET & MIN ENGR (144-R284) 33,700.00
- 2) TRAVEL SUPPORT TO NATO ADVANCED RESEARCH  
WORKSHOP  
FOR THE PERIOD 06-01-87 THROUGH 12-31-87  
AWARD # NO0014-87-G-0222  
MSN ENGR MET & MIN ENGR (144-Z874) 6,300.00
47. DOD, NAVY  
NSTL STATIONS, MS  
ACOUSTIC MEASUREMENTS IN WAVEGUIDES - A  
CONTINUATION OF ACOUSTIC MEASUREMENTS OF THE  
ROUGH SEA FLOOR  
FOR THE PERIOD 08-15-87 THROUGH 08-14-88  
AWARD # NO0014-87-M-6069  
MSN L&S GEOL & GEOPHYSICS (144-Z840) 24,900.00
48. DOD, NAVY  
WASHINGTON, DC  
THE PREPARATION AND CHARACTERIZATION OF THE  
ELECTRONIC PROPERTIES OF SN-BASED DIRECT GAP  
GROUP IV SEMICONDUCTORS  
FOR THE PERIOD 08-15-86 THROUGH 01-15-88  
AT A TOTAL COST OF \$189,500.00  
AWARD # NO0014-86-K-2022, MOD. 2  
MSN GRAD SYNCHR RAD CTR SYNCH-RAD (144-Y398) 94,000.00

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49. UNIVERSITY OF CALIFORNIA -  
SANTA BARBARA  
SANTA BARBARA, CA  
PRIME CONTRACTOR WITH DOD NAVY  
THE PROCESSING AND MECHANICAL PROPERTIES OF HIGH  
PERFORMANCE MATERIALS  
FOR THE PERIOD 09-15-86 THROUGH 10-14-87  
AT A TOTAL COST OF \$269,900.00  
AWARD # P. O. #VB38640-O, MOD. 1  
MSN ENGR MET & MIN ENGR (144-Y647) 87,560.00
50. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) WISCONSIN TORSATRON/STELLARATOR PROGRAM  
FOR THE PERIOD 11-01-86 THROUGH 11-14-87  
AT A TOTAL COST OF \$376,000.00  
AWARD # DE-FG02-86ER53216, MOD. 2  
MSN ENGR ELEC & CDM ENGR ELEC&COMP (144-Y741) 26,000.00
- 2) STELLARATOR THEORY  
FOR THE PERIOD 08-01-87 THROUGH 07-30-88  
AWARD # DE-FG02-85ER53201  
MSN ENGR ELEC & CDM ENGR ELEC&COMP (144-Z802) 30,000.00
51. 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 07-31-88  
AT A TOTAL COST OF \$325,000.00  
AWARD # DE-AS07-86ID12626, MOD. 2  
MSN ENGR ENGR EXPER STA WATER CHEM (144-X581) 130,000.00
52. ENERGY, DEPT OF  
OAKLAND, CA  
TRNSYS CONSORTIUM  
FOR THE PERIOD 06-16-87 THROUGH 07-16-87  
AWARD # DE-APO3-87SF17173  
MSN ENGR ENGR EXPER STA SOLAR ENRG (144-Z754) 10,000.00
53. ENERGY, DEPT OF  
WASHINGTON, DC  
INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT  
FOR THE PERIOD 06-01-87 THROUGH 05-31-89  
AWARD # AGR DTD 07-06-87  
MSN ENGR NUC ENGR&E PHYSC (144-Z837) 107,500.00
54. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
LIGHT ION FUSION TARGET DEVELOPMENT FACILITY  
STUDIES  
FOR THE PERIOD 10-01-85 THROUGH 10-31-87  
AT A TOTAL COST OF \$288,000.00  
AWARD # CONTRACT 32-9915, MOD. 4  
MSN ENGR NUC ENGR&E PHYSC (144-X316) 30,000.00

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55. ARGONNE NATIONAL LABORATORIES  
ARGONNE, IL  
PRIME CONTRACTOR WITH DOE  
SUPPORT OF A NEW 6-GEV SYNCHROTRON X-RAY SOURCE-II  
FOR THE PERIOD 02-01-87 THROUGH 12-31-87  
AT A TOTAL COST OF \$12,491.00  
AWARD # P O #059428, MOD. 1  
MSN L&S PHYSICS (144-Y987) 6,065.00
56. 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 06-08-87 THROUGH 04-30-88  
ATA TOTAL COST OF \$161,515.00  
AWARD # NO. 71402402, MOD. 1  
MSN L&S PHYSICS (144-Z509) 41,950.00
57. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
INERTIAL CONFINEMENT FUSION REACTOR CAVITY  
ANALYSIS  
FOR THE PERIOD 07-01-86 THROUGH 06-30-88  
AT A TOTAL COST OF \$220,000.00  
AWARD # 9265205, MOD. 1  
MSN ENGR NUC ENGR&E PHYSC (144-Y132) 130,000.00
58. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
DEFORMATION MODELING AT LONG VALLEY AND THERMAL  
STRESS CRACKING OF GRANITE  
FOR THE PERIOD 09-01-86 THROUGH 09-30-87  
AT A TOTAL COST OF \$26,800.00  
AWARD # P. O. #9799305, MOD. 1  
MSN L&S GEOL & GEOPHYSCS GEO&POL R (144-Y510) 14,800.00
59. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
KINETICS AND TOXICITY DOSE-EFFECT STUDIES IN  
MONKEYS CHRONICALLY EXPOSED TO TCDD  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # CR-814297-01-0  
MSN L&S PSYCHOLOGY PRIMATE LB (144-Z826) 209,000.00
60. STATE HISTORICAL SOCIETY OF WISCONSIN  
MADISON, WI  
PRIME CONTRACTOR WITH INTER  
ARCHEOLOGICAL SURVEY OF THE LOWER  
GRANT RIVER VALLEY REGION  
FOR THE PERIOD 05-18-87 THROUGH 07-15-88  
AT A TOTAL COST OF \$3,339.00  
AWARD # PO #HSG 1660, MOD. 1  
MSN L&S ANTHROPOLOGY (144-Z343) 800.00

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61. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
COOPERATIVE AGREEMENT  
FOR THE PERIOD 07-16-87 THROUGH 09-30-92  
AWARD # 14-16-0009-87-955  
MSN VET M ADM-RES& GRAD TR ADM-RES&GR
62. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR SURVIVAL  
AND MOVEMENTS OF NECKBANDED GEESE  
FOR THE PERIOD 08-15-84 THROUGH 12-31-87  
AT A TOTAL COST OF \$158,000.00  
AWARD # 14-16-0009-1511 #15, MOD. 4  
MSN AG&LSC N R-WILDLIF ECOL (144-U891) 55,000.00
- 2) AGRICULTURAL CHEMICALS IN HORICON MARSH  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # NO. 14-16-0009-1511 #26  
MSN AG&LSC N R-WILDLIF ECOL (144-Z315) 34,000.00
- 3) WATERFOUL WINTERING IN SOUTH AND CENTRAL AMERICA  
FOR THE PERIOD 08-10-87 THROUGH 09-30-92  
AWARD # 14-16-0009-1511 WD 27  
MSN AG&LSC N R-WILDLIF ECOL (144-Z865) 6,000.00
63. NATIONAL AERONAUTICS AND SPACE ADMIN  
HOUSTON, TX  
IN SUPPORT OF THE FOLLOWING:
- 1) METEOROLOGICAL INTERACTIVE DISPLAY SYSTEM-II  
FOR THE PERIOD 05-15-86 THROUGH 08-31-87  
AT A TOTAL COST OF \$2,262,000.00  
AWARD # NAS9-17642, MOD. 5S  
MSN GRAD SPACE SCI&ENG CT (144-X916) 392,000.00
- 2) RESEARCH INVESTIGATIONS IN  
SENSORY AUGMENTATION DEVICES  
FOR THE PERIOD 07-15-86 THROUGH 07-14-88  
AT A TOTAL COST OF \$154,983.00  
AWARD # NAG 9-171, MOD. 3  
MSN HS-MED REHABIL MEDICINE (144-Y244) 99,983.00
64. 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 \$210,838.00  
AWARD # 65B-580912, MOD. 14  
MSN L&S SPACE ASTRON LAB (144-U151) 20,000.00
65. 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 07-31-88  
AWARD # NO. 957996  
MSN L&S ASTRONOMY (144-Z752) 14,800.00

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66. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
CO-INVESTIGATOR SUPPORT ON THE GALILEO NET  
FLUX RADIOMETER EXPERIMENT  
FOR THE PERIOD 01-01-85 THROUGH 09-30-87  
AT A TOTAL COST OF \$402,929.00  
AWARD # NAS2-12078, MOD. 5  
MSN GRAD SPACE SCI&ENG CT (144-W319) 200,000.00
67. 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 08-31-88  
AT A TOTAL COST OF \$409,866.00  
AWARD # NAG5-186, MOD. 11  
MSN L&S ASTRONOMY (144-Q873) 46,303.00
- 2) A STUDY OF THE FUNDAMENTAL CHARACTERISTICS OF  
INTERSTELLAR MATTER  
FOR THE PERIOD 08-15-86 THROUGH 09-14-88  
AT A TOTAL COST OF \$20,200.00  
AWARD # NAG 5-832, MOD. 1  
MSN L&S SPACE ASTRON LAB (144-Y237) 8,000.00
68. NASA, HEADQUARTERS  
WASHINGTON, DC  
CHARGED PARTICLE ACCELERATION MECHANISMS  
IN SPACE PLASMAS-DOUBLE LAYERS  
FOR THE PERIOD 06-01-86 THROUGH 05-31-88  
AT A TOTAL COST OF \$115,000.00  
AWARD # NAGW-905, MOD. 1  
MSN ENGR NUC ENGR&E PHYSC (144-Y071) 73,000.00
69. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) THE EVOLUTION OF ISLAMIC SOCIETY IN ALEPPO  
AND DAMASCUS, 640-1260  
FOR THE PERIOD 08-01-87 THROUGH 07-31-89  
AWARD # RO-21398-87  
MSN L&S HISTORY (144-Z753) 120,000.00
- 2) INDIAN AGRICULTURE IN THE AMERICAS IN 1492  
FOR THE PERIOD 09-01-87 THROUGH 08-31-90  
AWARD # RO-21458-87  
MSN L&S GEOGRAPHY (144-Z827) 100,000.00
70. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) DICTIONARY OF AMERICAN REGIONAL ENGLISH  
FOR THE PERIOD 07-01-84 THROUGH 12-31-88  
AT A TOTAL COST OF \$118,828.00  
AWARD # BNS-8318171, MOD. 3  
MSN L&S ENGLISH (144-U708) 29,793.00

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- |   |            |            |
|---|------------|------------|
| 2) EXPERIMENTAL ANALYSIS OF CELLULAR CHARACTERISTICS<br>DURING LIMB DEVELOPMENT<br>FOR THE PERIOD 08-15-84 THROUGH 01-31-88<br>AT A TOTAL COST OF \$217,000.00<br>AWARD # DCB-8406338, MOD. 3<br>MSN HS-MED ANATOMY   | (144-U883) | 7,000.00   |
| 3) COOPERATIVE RESEARCH PROGRAM WITH CHINA IN<br>HYDROFRACTURING STRESS MEASUREMENTS FOR EARTHQUAKE<br>PREDICTION RESEARCH<br>FOR THE PERIOD 11-15-84 THROUGH 06-30-88<br>AT A TOTAL COST OF \$105,530.00<br>AWARD # EAR-8407532, MOD. 3<br>MSN ENGR MET & MIN ENGR | (144-W115) | 9,760.00   |
| 4) COLLABORATIVE RESEARCH ON DYNAMIC<br>EQUILIBRIUM MODELS<br>FOR THE PERIOD 06-01-85 THROUGH 11-30-88<br>AT A TOTAL COST OF \$114,087.00<br>AWARD # SES-8420872, MOD. 2<br>MSN L&S ECONOMICS   | (144-W522) | 43,162.00  |
| 5) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>(COMPUTER RESEARCH)<br>FOR THE PERIOD 08-01-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$159,892.00<br>AWARD # CCR-8451397, MOD. 4<br>MSN L&S COMPUTER SCI   | (144-W607) | 34,895.00  |
| 6) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>"NUTRITIONAL PHYSIOLOGY AND ECOLOGY"<br>FOR THE PERIOD 07-15-85 THROUGH 12-31-88<br>AT A TOTAL COST OF \$141,263.00<br>AWARD # BSR-8452089, MOD. 3<br>MSN AG&LSC N R-WILDLIF ECOL                                       | (144-W894) | 25,000.00  |
| 7) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 08-01-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$187,500.00<br>AWARD # CBT-8451056, MOD. 3<br>MSN ENGR CHEMICAL ENGR  | (144-W895) | 62,500.00  |
| 8) OBSERVATIONAL CONDITIONING OF FEAR<br>FOR THE PERIOD 08-01-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$195,422.00<br>AWARD # BNS-8507340, MOD. 2<br>MSN L&S PRIMATE RES CTR  | (144-W964) | 70,229.00  |
| 9) PHYSICAL CHEMICAL BASIS OF CONTROL<br>OF GENE EXPRESSION (CHEMISTRY)<br>FOR THE PERIOD 09-01-85 THROUGH 02-28-89<br>AT A TOTAL COST OF \$655,500.00<br>AWARD # CHE-8509625, MOD. 2<br>MSN L&S CHEMISTRY  | (144-X167) | 205,500.00 |





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| 19) | SMOOTH MULTIVARIATE PIECEWISE POLYNOMIALS:<br>SUBDIVISION ALGORITHMS<br>FOR THE PERIOD 06-15-87 THROUGH 11-30-88<br>AWARD # DMS-8701275<br>MSN L&S     CTR MATH SCI  | (144-Z423) | 48,402.00  |
| 20) | IMPROVEMENTS IN HYDROFRACTURING PROCEDURE<br>AND INTERPRETATION THROUGH LABORATORY TESTS<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # EAR-8708164<br>MSN ENGR     MET & MIN ENGR                           | (144-Z469) | 15,015.00  |
| 21) | THE MAKING OF COLONIAL CULTURE IN NORTH<br>SUMATRA<br>FOR THE PERIOD 07-15-87 THROUGH 12-31-88<br>AWARD # INT-8701561<br>MSN L&S     ANTHROPOLOGY  | (144-Z525) | 34,659.00  |
| 22) | FACTORS MODULATING RESPONSES TO NERVE GROWTH<br>FACTOR<br>FOR THE PERIOD 08-15-87 THROUGH 01-31-89<br>AWARD # BNS-8616958<br>MSN L&S     PRIMATE RES CTR   | (144-Z610) | 50,000.00  |
| 23) | PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # DMR-8657109<br>MSN L&S     PHYSICS  | (144-Z611) | 61,200.00  |
| 24) | COMPUTER-AIDED GEOMETRIC DESIGN AND COMPUTATIONAL<br>GEOMETRY OF GEOMETRIC CONSTRUCTS DEFINED BY<br>LINE GEOMETRY<br>FOR THE PERIOD 06-01-87 THROUGH 11-30-88<br>AWARD # DMC-8619165<br>MSN ENGR     MECHANICAL ENGR | (144-Z662) | 63,960.00  |
| 25) | INTER- AND INTRA-ANNUAL VARIABILITY IN AN<br>INTERACTIVE OCEAN-ATMOSPHERIC CLIMATE SYSTEM<br>FOR THE PERIOD 07-15-87 THROUGH 12-31-88<br>AWARD # ATM-8709552<br>MSN L&S     METEOROLOGY                              | (144-Z699) | 92,900.00  |
| 26) | PROCESSING RECURSION IN DATABASE MANAGEMENT<br>SYSTEMS (COMPUTER AND INFORMATION SCIENCE)<br>FOR THE PERIOD 08-15-87 THROUGH 01-31-91<br>AWARD # IRI-8703592<br>MSN L&S     COMPUTER SCI                             | (144-Z722) | 218,369.00 |
| 27) | ROLE-TAKING, INTERACTION, AND THE DYNAMICS<br>OF DELINQUENCY<br>FOR THE PERIOD 07-15-87 THROUGH 12-31-89<br>AWARD # SES-8711463<br>MSN L&S     SOCIOLOGY   | (144-Z723) | 62,053.00  |
| 28) | ROBUST SOLVER FOR AUTOMATING GENERATION OF<br>PROCESS DESIGN SOFTWARE<br>FOR THE PERIOD 07-15-87 THROUGH 06-30-89<br>AWARD # DMC-8619582<br>MSN ENGR     CHEMICAL ENGR   | (144-Z748) | 104,220.00 |

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29)	AUTOMATIC AND ATTENTIONAL COMPONENTS IN VISUAL SPACE PERCEPTION FOR THE PERIOD 09-01-87 THROUGH 02-28-90 AWARD # BNS-8706858 MSN L&S PSYCHOLOGY	(144-Z757)	126,998.00
30)	MATHEMATICAL SCIENCES: WORKSHOP ON CONTROL ESTIMATION AND IDENTIFICATION OF NONLINEAR AND DISTRIBUTED PARAMETER SYSTEMS: MADISON, WI OCTOBER 5-9, 1987 FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # DMS-8703131 MSN L&S MATHEMATICS	(144-Z758)	11,000.00
31)	MATHEMATICAL SCIENCES: SEMI-PARAMETRIC REGRESSION WITH COUNTING DATA FOR THE PERIOD 08-01-87 THROUGH 01-31-90 AWARD # DMS-8704341 MSN L&S STATISTICS	(144-Z763)	6,149.00
32)	A HIGH-RESOLUTION CLIMATOLOGY OF THE TERRESTRIAL SEASONAL WATER CYCLE FOR THE PERIOD 08-15-87 THROUGH 01-31-89 AWARD # SES-8712067 MSN L&S GEOGRAPHY	(144-Z793)	41,016.00
33)	ENGINEERING INITIATION AWARD: GROUP-INTERACTION MODELS FOR LIQUID MIXTURES FOR THE PERIOD 08-01-87 THROUGH 01-31-90 AWARD # CBT-8708940 MSN ENGR CHEMICAL ENGR	(144-Z794)	70,000.00
34)	U.S.-ARGENTINA COOPERATIVE RESEARCH ON SYSTEMATICS OF THE AMERICAN MARSUPIALS USING SINGLE-COPY DNA-DNA HYBRIDIZATION FOR THE PERIOD 08-15-87 THROUGH 01-31-90 AWARD # INT-8701879 MSN L&S ZOOLOGY	(144-Z804)	22,995.00
35)	MODELLING, ANALYSIS AND COMPUTATION IN VISCOELASTICITY FOR THE PERIOD 08-01-87 THROUGH 01-31-89 AWARD # DMS-8712058 MSN L&S CTR MATH SCI	(144-Z809)	83,574.00
36)	DESIGN FOR ANALYSIS FOR THE PERIOD 08-15-87 THROUGH 10-31-88 AWARD # DMC-8717093 MSN L&S CTR MATH SCI	(144-Z810)	29,999.00
37)	POSTDOCTORAL RESEARCH FELLOWSHIP FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AWARD # BSR-8700158 MSN HS-MED GENETICS	(144-Z818)	4,800.00

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38)	IN INFLUENCE OF RISKS, RETURNS, AND OPPORTUNITIES ON CRIMINAL DECISION MAKING FOR THE PERIOD 07-15-87 THROUGH 12-31-88 AWARD # SES-8714444 MSN L&S INST-RES ON POV	(144-Z822)	35,043.00
39)	PARALLEL COMPUTING FOR LARGE-SCALE OPTIMIZATION FOR THE PERIOD 08-15-87 THROUGH 01-31-90 AWARD # CCR-8709952 MSN L&S COMPUTER SCI	(144-Z829)	112,426.00
40)	SIPP ACCESS: FACILITY FOR THE ANALYSIS OF LARGE-SCALE COMPLEX LONGITUDINAL DATA FOR THE PERIOD 08-15-87 THROUGH 01-31-89 AWARD # SES-8701911 MSN L&S INST-RES ON POV	(144-Z838)	254,150.00
41)	MATERNAL GENETIC INFLUENCES ON BRAIN AND BODY SIZE FOR THE PERIOD 09-01-87 THROUGH 02-28-90 AWARD # BSR-8700458 MSN AG&LSC MEAT& ANIMAL SCI	(144-Z853)	92,999.00
42)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD: NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF ADSORBED SPECIES FOR THE PERIOD 08-01-87 THROUGH 01-31-89 AWARD # CBT-8657496 MSN ENGR CHEMICAL ENGR	(144-Z854)	25,000.00
43)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD: THEORETICAL NUCLEAR PHYSICS FOR THE PERIOD 10-01-87 THROUGH 03-31-89 AWARD # PHY-8657022 MSN L&S PHYSICS	(144-Z867)	27,698.00
44)	A RESEARCH PROGRAM ON PLASMA-SURFACE INTERACTIONS AND PLASMA SHEATHS FOR THE PERIOD 08-15-87 THROUGH 01-31-90 AWARD # ECS-8709035 MSN ENGR ENGR EXPER STA FUSION TEC	(144-Z877)	105,337.00
45)	THE DESIGN AND AUTOMATIC GENERATION OF MODERN PROGRAM DEVELOPMENT ENVIRONMENTS FOR THE PERIOD 08-01-87 THROUGH 01-31-90 AWARD # CCR-8706329 MSN L&S COMPUTER SCI	(144-Z878)	185,975.00
71.	VETERANS ADMIN MADISON, WI SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 09-30-87 AWARD # 607/D4C398, MOD. 17 MSN HS-MED MEDICAL PHYSICS	(144-S852)	4,973.07

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72.	VARIOUS GOVERNMENTAL AGENCIES WASHINGTON, DC EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-24-87 THROUGH 01-08-88 AWARD # AGR DTD 06-28-87 MSN L&S ECONOMICS (144-Z783)	41,472.00
73.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI POWER ELECTRONICS CENTER FOR THE PERIOD 07-01-87 THROUGH 06-30-90 MSN GRAD ENGINEERING EXPER STA (135-0001)	200,000.00
74.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI COMMUNICATIVE DISORDERS DEPARTMENT FUND 1987-88 MSN GRAD L&S COM DISORD (135-0003)	464.00
75.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 08-01-87 THROUGH 06-30-90 MSN GRAD AGR & LIFE SCI AGRONOMY (135-0004)	47,880.00
76.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CLINICAL NUTRITION PROGRAM 1987-88 MSN GRAD AGR & LIFE SCI NUTRIT SCI (135-0035)	60,000.00
77.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DONALD C. SLICHTER PROFESSOR IN ENGINEERING RESEARCH 1987-88 FOR THE PERIOD 07-01-80 THROUGH 06-30-90 MSN GRAD ENGINEERING CHEM ENGR (135-0041)	25,000.00
78.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF BIOCHEMISTRY RESEARCH FUND 1987-88 MSN GRAD AGR & LIFE SCI BIOCHEM (135-0044)	50,000.00
79.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CHEMISTRY DEPARTMENT FUND 1987-88 MSN GRAD L&S CHEMISTRY (135-0045)	3,964.00
80.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI SCHOOL OF PHARMACY RESEARCH FUND 1987-88 MSN GRAD SCH OF PHARMACY (135-0046)	45,379.00
81.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DONALD C. SLICHTER PROFESSORSHIP IN BUSINESS RESEARCH 1987-88 FOR THE PERIOD 07-01-81 THROUGH 06-30-91 MSN GRAD SCH OF BUSINESS (135-0047)	12,500.00

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82.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DONALD C. SLICHTER PROFESSORSHIP IN BUSINESS RESEARCH 1987-88 FOR THE PERIOD 07-01-81 THROUGH 06-30-91 MSN GRAD SCH OF BUSINESS (135-0048)	12,500.00
83.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI RALPH JOHNSON RESEARCH CENTER 1986-87 FOR THE PERIOD 07-01-81 THROUGH 06-30-91 MSN GRAD SCH OF BUSINESS (135-0049)	50,000.00
84.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF ONCOLOGY FUND 1987-88 MSN GRAD MEDICAL SCHOOL ONCOLOGY (135-0052)	128.00
85.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH FUND 1987-88 MSN GRAD MEDICAL SCHOOL MEDICINE (135-0054)	257.00
86.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF RADIOLOGY RESEARCH FUND 1987-88 MSN GRAD MEDICAL SCHOOL RADIOLOGY (135-0055)	21,465.00
87.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY FUND MSN GRAD MEDICAL SCHOOL PHYS CHEM (135-0056)	750.00
88.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF MEDICAL PHYSICS RESEARCH FUND 1987-88 MSN GRAD MEDICAL SCHOOL MED PHYSCS (135-0057)	25,000.00
89.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI COMPUTER AIDED ENGINEERING FUND 1987-88 MSN GRAD ENGINEERING CMPTR-ENGR (135-0085)	854.00
90.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MECHANICAL ENGINEERING DEPARTMENT FUND 1987-88 MSN GRAD ENGINEERING MECH ENGR (135-0086)	660.00
91.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI BACTERIOLOGY DEPARTMENT FUND 1987-88 MSN GRAD AGR & LIFE SCI BACT (135-0089)	60.00
92.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MAUTZ PROFESSIONAL DEVELOPMENT PROGRAM 1987-88 MSN GRAD SCH OF BUSINESS (135-0093)	15,000.00

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93.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI PLANT PATHOLOGY DEPARTMENT FUND 1987-88 MSN GRAD AGR & LIFE SCI PLANT PATH (135-0095)	2,574.00
94.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI NAMED PROFESSORSHIPS -- CONTROL ACCOUNT 1987-88 MSN GRAD (135-0200)	325,000.00
95.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI ROMNES FACULTY FELLOW--CONTROL ACCOUNT 1987-88 MSN GRAD (135-0300)	272,000.00
96.	ROGERS FOODS TURLOCK, CA DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE (133-A103)	1,000.00
97.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	150.00
98.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED (133-A251)	500.00
99.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED (133-A253)	100.00
100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE (133-A525)	65,904.81
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY (133-A532)	39,640.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA ENERGY RES (133-A816)	13,000.00
103.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN HISTORY FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S HISTORY (133-B200)	25,000.00

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104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INVESTIGATION OF HFM ULTRAFILTRATION MEMBRANE PERFORMANCE ON CHEESE WHEY ULTRAFILTRATION MSN AG&LSC FOOD SCIENCE (133-B330)	5,000.00
105.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S MATHEMATICS (133-B390)	25,000.00
106.	CIBA-GEIGY GREENSBORO, NC FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY (133-B522)	8,000.00
107.	FOOD & NUTRITION PRESS WESTPORT, CT DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE (133-B656)	500.00
108.	FRIDAY CANNING NEW RICHMOND, WI VEGETABLE PROCESSING MSN AG&LSC FOOD SCIENCE (133-C289)	3,500.00
109.	MULTIPLE DONORS WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL (133-C298)	59.60
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNAL COMBUSTION ENGINE RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN (133-C564)	5,000.00
111.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI FERTILIZER RESEARCH - SOIL MANAGEMENT, SOIL FERTILITY AND PLANT NUTRITION PROBLEMS MSN AG&LSC SOIL SCIENCE (133-C950)	138,794.76
112.	AMERICAN CYANAMID COMPANY PRINCETON, NJ CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY (133-C975)	5,250.00
113.	MARIAN SMITH ROLLA, MO LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS (133-DO16)	1,134.00
114.	MULTIPLE DONORS DEFRAY COST OF PROTOTYPE INSTRUMENT TO CONTINUOUSLY MONITOR BLOOD GLUCOSE IN PATIENTS MSN HS-MED MEDICINE NEPHROLOGY (133-DO58)	766.77



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115.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ECONOMICS FOR THE PERIOD 07-01-86 THRU 06-30-87 MSN L&S ECONOMICS	(133-D108)	25,800.00
116.	SANDOZ CROP PROTECTION CORPORATION CHICAGO, IL GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	3,406.00
117.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIROMENTAL RESEARCH RELATED TO FISHERIES AND AQUATIC SYSTEMS MSN L&S LIMNOLOGY CTR	(133-D190)	564.79
118.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	500.00 MULTIPLE DONORS		
	1,667.00 WISCONSIN MUCK FARMERS ASSOCIATION RANDOLPH, WI		
	1,200.00 BASF CORPORATION PARSIPPANY, NJ		
			3,367.00
119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES	(133-D392)	1,200.00
120.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	500.00 MULTIPLE DONORS		
	2,500.00 RORER CENTRAL RESEARCH FORT WASHINGTON, PA		
			3,000.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JUVENILE DIABETES RESEARCH AND EDUCATION MSN HS-MED PEDIATRICS	(133-D512)	400.00
122.	ICI AMERICAS INC. WILMINGTON, DE ICI AMERICAS ANTI-ESTROGEN MSN HS-MED HUMAN ONCOLOGY	(133-D589)	12,500.00
123.	PBI/GORDON CORPORATION KANSAS CITY, MO INSECT PEST MANAGEMENT MSN AG&LSC ENTOMOLOGY	(133-D617)	1,000.00

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124.	DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)	1,000.00	E. I. DUPONT DENEMOURS & COMPANY GLASGOW, DE		
		1,320.00	MULTIPLE DONORS		
		180.00	MULTIPLE DONORS		
					2,500.00
125.	FORT DODGE LABORATORIES FORT DODGE, IA IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE (133-D706)				1,900.00
126.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERN CONTROL THEORY RESEARCH (133-D866)				7,500.00
127.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN COMPARATIVE LITERATURE AND GERMAN FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S GERMAN (133-D867)				25,000.00
128.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS AND STATISTICS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S STATISTICS (133-D868)				25,000.00
129.	HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA BRATTLEBORD, VT BULL AND COW EVALUATIONS FOR FINAL SCORE, BREAKDOWN COMPONENTS AND LINEARIZED DESCRIPTIVE TYPE TRAITS MSN AG&LSC DAIRY SCIENCE (133-D995)				28,300.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT (133-E273)				50,000.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF ANESTHETIC AGENTS ON AIRWAY SMOOTH MUSCLE MSN HS-MED ANESTHESIOLOGY (133-E473)				23,950.00
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY (133-E770)				10,000.00



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142.	AUNT NELLIE'S FOODS INCORPORATED CLYMAN, WI DEVELOP AND TEST A PRODUCTION PLANNING/INFORMATION RETRIEVAL SYSTEM MSN AG&LSC FOOD SCIENCE	(133-F399)	2,500.00
143.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S MATHEMATICS	(133-F511)	25,000.00
144.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN CHEMISTRY FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S CHEMISTRY	(133-F514)	10,000.00
145.	QUAKER OATS COMPANY CHICAGO, IL SMALL GRAIN EQUIPMENT ACCOUNT MSN AG&LSC AGRONOMY	(133-F534)	9,880.00
146.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY	(133-F535)	2,000.00
147.	MULTIPLE DONORS CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES MSN HS-MED MEDICINE CARDIOLOGY	(133-F572)	150.00
148.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF DOMPERIDOME ON THE CONTROL OF VENTILATION MSN HS-MED ANESTHESIOLOGY	(133-F755)	9,792.00
149.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF HALOTHANE/EPINEPHRINE-INDUCED ARRHYTHMIAS OF INTRAVENOUS ANESTHETIC AGENTS IN THE DOG MSN HS-MED ANESTHESIOLOGY	(133-F757)	500.00
150.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECT OF VARYING CONCENTRATIONS OF ETHRANE AND HALOTHANE ON AUDITORY AND SOME SOMATOSENSORY EVOKED POTENTIALS IN THE DOG MSN HS-MED ANESTHESIOLOGY	(133-F758)	745.00
151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN	(133-F778)	9,000.00

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152.	MCDONALD'S CORPORATION OAK BROOK, IL DETECTION OF E. COLI IN FOODS MSN AG&LSC FOOD MICRO&TOXIC	(133-F867)	17,500.00
153.	MULTIPLE DONORS ANATOMICAL RESEARCH MSN HS-MED SURGERY	(133-G101)	300.00
154.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE                      CARDIOLOGY	(133-G105)	149,986.08
155.	MULTIPLE DONORS PROGRAM FOR DEVELOPMENT OF PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-G285)	506.01
156.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANUFACTURING SYSTEMS ENGINEERING PROGRAM	(133-G316)	1,500.00
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD    AGR & LIFE SCI    BIOCHEM	(133-G337)	35,000.00
158.	CONAGRA FLOUR MILLING COMPANY OMAHA, NE FIBER AND GASTROINTESTINAL RESEARCH DISCRETIONARY ACCOUNT MSN AG&LSC NUTRITIONAL SCI	(133-G365)	4,750.00
159.	STATE OF WISCONSIN MADISON, WI STUDY TRANSFORMATION OF HEALTH SERVICES IN THE 1980'S ILLUSTRATIONS FROM DANE COUNTY, WI MSN HS-MED FAM MED & PRACT	(133-G556)	2,500.00
160.	MCDONALD'S CORPORATION OAK BROOK, IL INHIBITOR(S) OF MUTAGENESIS AND CARCINOGENESIS IN BEEF MSN AG&LSC FOOD MICRO&TOXIC	(133-G560)	12,500.00
161.	MCDONALD'S CORPORATION OAK BROOK, IL CONTROL OF FOOD-BORNE PATHOGENS MSN AG&LSC FOOD MICRO&TOXIC	(133-G561)	5,000.00
162.	PFIZER, INC. GROTON, CT MULTI-CLINIC STUDY OF EFFECT OF SORBINIL COMPARED TO PLACEBO ON THE DEVELOPMENT OF DIABETIC RETINOPATHY AND NEUROPATHY-PROTOCOL A MSN HS-MED OPHTHALMOLOGY	(133-G621)	41,991.00

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163.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	2,000.00
164.	HARTMANN (HENRIK A L) MADISON, WI DISCRETIONARY RESEARCH MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-G658)	100.00
165.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF HALOTHANE ON THE ISOLATED PERFUSED CANINE BRAIN MSN HS-MED ANESTHESIOLOGY	(133-G808)	17,400.00
166.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	1,770.00
167.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G813)	6,848.42
168.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANALYTICAL DIVISION UNDERGRADUATE RESEARCH PROGRAM MSN L&S CHEMISTRY	(133-G839)	2,500.00
169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLIMATE FORECAST PROJECT MSN ENV ST CTR FOR CLIM RES	(133-G844)	50,000.00
170.	INSTITUTE FOR RESEARCH ON POVERTY FUND MSN L&S INST-RES ON POV	(133-G876)	
	1,548.25 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	600.00 MULTIPLE DONORS		
			2,148.25
171.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN INFORMATION SCIENCES AND COMMUNICATIONS RESEARCH CONSORTIUM (WISCOM)	(133-G942)	12,000.00
172.	UPJOHN COMPANY KALAMAZOO, MI RESEARCH PROGRAM SUPPORT MSN L&S ZOOLOGY	(133-G988)	1,000.00

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173.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	508.00
174.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	
	1,000.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	500.00 MULTIPLE DONORS		
	1,000.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	1,000.00 DOW CHEMICAL U.S.A. MADISON, WI		
			3,500.00
175.	WISCONSIN MUCK FARMERS ASSOCIATION RANDOLPH, WI EPIDEMIOLOGY AND CONTROL OF NEMATODE DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-H075)	1,667.00
176.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD AGR & LIFE SCI BIOCHEM	(133-H190)	35,000.00
177.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD AGR & LIFE SCI VET SCI	(133-H191)	35,000.00
178.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY RESEARCH MSN ENGR ENGR EXPER STA FUSION TEC	(133-H388)	25,000.00
179.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD ESTROGEN AND ANTIESTROGEN INTERACTION WITH NORMAL AND CANCER TISSUE FOR THE PERIOD 10-01-84 THRU 09-30-88 MSN AG&LSC BIOCHEMISTRY	(133-H504)	25,000.00
180.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD VITAMIN D ANALOGS AS ANTI-LEUKEMIA AGENTS/ BIOCHEMICAL BASIS OF CHEMICAL CARCINOGENESIS FOR THE PERIOD 10-01-84 THRU 09-30-88 AT A 99,995 LEVEL MSN AG&LSC BIOCHEMISTRY	(133-H505)	25,000.00
181.	AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY SAN FRANCISCO, CA ADMINISTRATIVE SUPPORT FOR THE AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY FOR THE PERIOD 07-01-84 THRU 06-30-88 AT AN \$38,574 LEVEL MSN HS-MED HUMAN ONCOLOGY PREV ONCOL	(133-H702)	15,033.00

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182.	GARST SEED COMPANY COON RAPIDS, IA STUDY OF COLD TOLERANCE IN CORN MSN AG&LSC AGRONOMY	(133-H708)	2,000.00
183.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FACULTY SCHOLAR MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-H730)	8,000.00
184.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLYMERIZATION REACTION ENGINEERING	(133-H740)	60,000.00
185.	SCHERING CORP. KENILWORTH, N.J. PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	8,820.00
186.	STUART PHARMACEUTICALS WILMINGTON, DE PHARMACOKINETIC AND ENDOCRINOLOGIC EVALUATION OF ICI 118,630 IN PATIENTS WITH ADVANCED PROSTATIC CANCER MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-H857)	11,415.08
187.	STERLING-WINTHROP RESEARCH INSTITUTE RENSELAER, NY PROSPECTIVE, THREE MONTH RANDOMIZED PHASE III INVASIVE HEMODYNAMIC STUDY OF ORAL MILRINONE AND DIGOXIN IN PATIENTS WITH MODERATE CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE CARDIOLOGY	(133-H914)	16,308.00
188.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OCULAR COMPLICATIONS OF DIABETES RESEARCH MSN HS-MED OPHTHALMOLOGY	(133-H924)	2,000.00
189.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	130.00
190.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD MEDICAL SCHOOL MED MICROB	(133-J028)	35,000.00
191.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD INST MOL VIR INST MOL V	(133-J029)	35,000.00
192.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR ENGR MECHANICS	(133-J102)	11,400.00



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193.	INLAND STEEL COMPANY EAST CHICAGO, IN EFFECT OF BISMUTH ON GRAY CAST IRONS FOR THE PERIOD 06-01-84 THRU 12-31-85 AWARD # P.O. #4-K-59366	(133-J166)	368.00
194.	PEW SCHOLARS PROGRAM IN THE BIOMEDICAL SCIENCES NEW HAVEN, CT PEW SCHOLARS PROGRAM AWARD FOR THE PERIOD 07-01-85 THRU 06-30-88 MSN GRAD MEDICAL SCHOOL MED MICROB	(133-J275)	50,000.00
195.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY	(133-J330)	3,376.00
196.	BRISTOL-MYERS COMPANY SYRACUSE, NY EST 2382 - STUDY OF PLATINOL & RADIATION THERAPY IN HEAD & NECK CANCER AWARD # STUDY #100-056-001 MSN HS-MED HUMAN ONCOLOGY EAST COOP	(133-J439)	15,000.00
197.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J601)	500.00
198.	SYNTEX LABORATORIES, INC. PALO ALTO, CA GARDIN (ENPROSTIL) STUDY MSN HS-MED MEDICINE RHEUMATOL	(133-J694)	5,050.00
199.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD	(133-J762)	43,000.00
200.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM	(133-J808)	28,500.00
201.	AMP INCORPORATED HARRISBURG, PA LINKAGE SYNTHESIS STUDIES	(133-J845)	19,575.00

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202.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GEOGRAPHY FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S GEOGRAPHY	(133-J900)	25,000.00
203.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARNITINE PALMITOYL TAURINE STUDIES MSN HS-MED MEDICINE CARDIOLOGY	(133-J910)	24,644.99
204.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	400.00
205.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE	(133-J974)	5,000.00
206.	ALLEN F GROOSE MENOMONEE FALLS, WI PANCREATIC TISSUE RESEARCH MSN HS-MED SURGERY GEN SURG	(133-K130)	500.00
207.	NUTRASWEET COMPANY SKOKIE, IL ELECTROPHYSIOLOGICAL PROPERTIES AND EFFECTS OF SWEETNESS AND SWEETENERS AWARD # D1655 MSN AG&LSC VETERINARY SCI	(133-K160)	68,726.50
208.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	475,000.00
209.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EQUINE NEONATAL MEDICINE MSN VET M MEDICAL SCIENCES	(133-K249)	2,000.00
210.	VOLLRATH COMPANY SHEBOYGAN, WI SHAPE OF SAILS FROM PHOTOS MSN ENGR CIVIL & ENV ENGR	(133-K250)	2,000.00
211.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAYMOND T. JACKSON MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-K311)	55,000.00
212.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD AGR & LIFE SCI BIOCHEM	(133-K319)	35,000.00

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213.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR MSN GRAD VETERINARY MED PATHOBIOL (133-K320)	35,000.00
214.	WISCONSIN MINT BOARD, INC. MADISON, WI IMPROVEMENT OF THE WISCONSIN MINT OIL INDUSTRY MSN AG&LSC RESEARCH DIV (133-K404)	17,500.00
215.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KINETIC THEORY AND BROWNIAN DISPERSION OF POLYMER LIQUIDS (133-K446)	2,500.00
216.	RESEARCH CORPORATION TUCSON, AZ GILBERT DOLLDFOR FELLOW IN MEDICAL MYCOLOGY FOR THE PERIOD 07-01-86 THRU 06-30-87 MSN HS-MED MEDICINE INFECT DIS (133-K528)	27,000.00
217.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WELDING RESEARCH (133-K556)	3,000.00
218.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA EFFECT OF FAT SUPPLEMENTATION OF NEWBORN PIGLET ON KETOGENESIS, GLUCOSE HOMEOSTASIS AND PROTEIN CATABOLISM FOR THE PERIOD 07-01-86 THRU 06-30-88 MSN AG&LSC MEAT& ANIMAL SCI (133-K592)	9,500.00
219.	PROBABILITY-BASED APPROACHES FOR EVALUATING THE ADEQUACY OF SPILLWAY CAPACITIES (133-K620)	
	2,332.00 NORTHERN STATES POWER COMPANY EAU CLAIRE, WI	
	2,332.00 NEKOOSA PAPERS INC. PORT EDWARDS, WI	
	2,332.00 NEKOOSA PAPERS INC. PORT EDWARDS, WI	
	2,332.00 WISCONSIN VALLEY IMPROVEMENT COMPANY WAUSAU, WI	
	2,332.00 WISCONSIN RIVER POWER COMPANY WISCONSIN RAPIDS, WI	
	2,332.00 WEYERHAEUSER COMPANY ROTHSCHILD, WI	
	2,332.00 WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI	
	2,332.00 CONSUMERS POWER COMPANY JACKSON, WI	
	2,332.00 WISCONSIN ELECTRIC POWER COMPANY IRON MOUNTAIN, MI	
	2,332.00 CONSOLIDATED PAPERS, INC. WISCONSIN RAPIDS, WI	
	2,332.00 WISCONSIN POWER AND LIGHT COMPANY MADISON, WI	

25,652.00

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220.	SANDOS RESEARCH INSTITUTE EAST HANOVER, NJ AN OPEN-LABEL PILOT STUDY OF ZATIDEN (KETOTOFEN) IN THE THERAPY OF CHRONIC URTICARIA/ANGIOEDEMA AWARD # ZADITEN #28 MSN HS-MED MEDICINE	ALLRGY&IMM	(133-K632)	8,066.66
221.	SCHERING-PLOUGH FOUNDATION, INC. KENILWORTH, NJ SCHERING-PLOUGH FOUNDATION FELLOWSHIP MSN HS-PHR PHARMACY		(133-K743)	10,000.00
222.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANK W AND JANE KUEHL SCHOLARSHIPS MSN LAW LAW SCHOOL		(133-K757)	570.00
223.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN WATTAWA MEMORIAL SCHOLARSHIPS MSN LAW LAW SCHOOL		(133-K758)	1,200.00
224.	SANDOZ FORSCHUNGSINSTITUT WIEN, AUSTRIA ENDOTOXIC SHOCK RESEARCH MSN HS-MED MED MICROBIOLOGY		(133-K770)	12,000.00
225.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO INVESTIGATION OF MYOCARDIAL CARNITINE DEFICIENCY AS A REVERSIBLE CAUSE OF SPONTANEOUSLY OCCURRING DILATED CARDIOMYOPATHY IN THE DOG FOR THE PERIOD 09-01-86 THRU 08-30-88 MSN VET M MEDICAL SCIENCES		(133-K781)	8,075.00
226.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO EVALUATION AND IMMUNOMODULATION OF CANINE GLOMERULONEPHRITIS INDUCED BY RENAL PERFUSION OF DIROFILARIAL ANTIGENS FOR THE PERIOD 09-01-86 THRU 08-31-88 MSN VET M MEDICAL SCIENCES		(133-K782)	17,986.00
227.	FORD (A WARD) MEMORIAL INSTITUTE WAUSAU, WI CARDIOVASCULAR REFLEXES AND EXERCISE RESPONSES AFTER MYOCARDIAL INFARCTION MSN HS-MED MEDICINE	CARDIOLOGY	(133-K791)	3,750.00
228.	OSCAR MAYER FOODS MADISON, WI HISTOLOGICAL AND HISTOCHEMICAL CHARACTERISTICS OF MUSCLE FROM TURKEY WHICH DISPLAYS LEG EDEMA MSN AG&LSC MEAT& ANIMAL SCI		(133-K794)	6,275.00

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229.	TRI-STATE BREEDERS COOPERATIVE BARABOO, WI PROBING FOR GENETIC MARKERS IN BULL SEMIN MSN AG&LSC DAIRY SCIENCE (133-K829)	1,500.00
230.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI RESEARCH ON IMPROVED CONTROL OF WHITE MOLD OF BEANS MSN AG&LSC PLANT PATHOLOGY (133-K831)	10,000.00
231.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR (133-K849)	13,000.00
232.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOCIAL STRATIFICATION RESEARCH FUND FOR THE PERIOD 09-01-86 THRU 08-31-87 MSN L&S SOCIOLOGY (133-K855)	9,400.00
233.	MULTIPLE DONORS ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY (133-K875)	90.00
234.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI SMALL EMPLOYER HEALTH INSURANCE MAXIMIZATION PROJECT: MAKING THE MARKET WORK FOR THE PERIOD 08-01-86 THRU 01-31-88 AWARD # P.O.# FAG10805PG MSN HS-ADM ADMINISTRATION HLTH POLCY (133-K951)	7,510.00
235.	MULTIPLE DONORS INVESTIGATIONS OF BEEF CATTLE NUTRITION MSN AG&LSC MEAT& ANIMAL SCI (133-K952)	100.00
236.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DEVELOPMENT OF FOREST HABITAT CLASSIFICATION SYSTEM FOR THE PERIOD 10-21-86 THRU 06-30-88 AWARD # PO #NRG 90707, NRH 95374 MSN AG&LSC N RSRCs-FORESTRY (133-L008)	41,000.00
237.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ ENALAPRIL VS PLACEBO IN CHRONIC CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE CARDIOLOGY (133-L054)	32,156.34
238.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DUPONT YOUNG FACULTY GRANT MSN ENGR CHEMICAL ENGR (133-L068)	10,000.00

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239.	ALDRICH CHEMICAL COMPANY, INC. MILWAUKEE, WI UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-L111)	4,000.00
240.	OSCAR MAYER FOODS CORPORATION MADISON, WI TURKEY PERFORMANCE WHEN FED BARLEY'S BEST HIGH PROTEIN FLOUR MSN AG&LSC POULTRY SCIENCE	(133-L131)	1,175.00
241.	STUART PHARMACEUTICALS WILMINGTON, DE HORMONE EVALUATIONS RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-L145)	12,500.00
242.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI QUANTITATIVE PERFORMANCE TESTING OF ULTRASOUND SCANNERS FOR THE PERIOD 11-01-86 THRU 09-30-87 MSN HS-MED MEDICAL PHYSICS	(133-L162)	3,189.00
243.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF EFFICACY AND SIDE EFFECTS OF NICARDIPINE HYDROCHLORIDE AND NIFEDIPINE IN THE TREATMENT OF STABLE ANGINE PECTORIS AWARD # 05-6283 MSN HS-MED MEDICINE	CARDIOLOGY (133-L235)	4,657.50
244.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINANT SLUDGE ON WILDLIFE FOR THE PERIOD 02-09-87 THRU 06-30-87 AWARD # P.O. #NRG 91538 MSN AG&LSC N R-WILDLIF ECOL	(133-L380)	12,148.00
245.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS	(133-L386)	5,000.00
246.	AMERICAN MEAT INSTITUTE ARLINGTON, VA FATE OF LISTERIAE IN MEATS MSN AG&LSC FOOD MICRO&TOXIC	(133-L397)	39,000.00
247.	KRAFT, INC. GLENVIEW, IL MICROBIOLOGICAL STABILITY OF HIGH MOISTURE CHEESE SAUCE MSN AG&LSC FOOD MICRO&TOXIC	(133-L434)	2,000.00
248.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI STATE SUPERINTENDENT'S TASK FORCE ON SCHOOL LEADERSHIP, TRAINING AND LICENSURE FOR THE PERIOD 05-26-87 THRU 06-30-88 AWARD # PAG 02239 MSN EDUC EDUC ADMIN	(133-L576)	31,000.00

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249.	GENERAL WILDLIFE STUDIES MSN AG&LSC N R-WILDLIF ECOL	(133-L592)	
	4,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,400.00 ROSEMARIE AND DEAN L. BUNTROCK FOUNDATION OAK BROOK, IL		
			5,400.00
250.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS - FOREST ENTOMOLOGY FOR THE PERIOD 07-27-87 THRU 06-30-88 AWARD # NRH 95540 MSN AG&LSC ENTOMOLOGY	(133-L690)	22,462.00
251.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS - FOREST MANAGEMENT FOR THE PERIOD 07-27-87 THRU 06-30-88 AWARD # NRH 95540 MSN AG&LSC N RSRCS-FORESTRY	(133-L691)	34,642.00
252.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS - FOREST PATHOLOGY FOR THE PERIOD 07-27-87 THRU 06-30-88 AWARD # NRH 95540 MSN AG&LSC PLANT PATHOLOGY	(133-L692)	18,022.00
253.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS - FOREST SOILS FOR THE PERIOD 07-27-87 THRU 06-30-88 AWARD # NRH 95540 MSN AG&LSC SOIL SCIENCE	(133-L693)	36,074.00
254.	INTERNATIONAL BUSINESS MACHINES CORPORATION OWEGO, NY EDUCATION, TRAINING AND EVALUATION SERVICES FOR THE PERIOD 05-01-86 THRU 12-31-86 AWARD # P.O. #482427 QL MSN GRAD SPACE SCI&ENG CT	(133-L792)	21,529.23
255.	ASGROW SEED COMPANY KALAMAZOO, MI CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	2,500.00
256.	CLARK (EDNA MC CONNELL) FOUNDATION NEW YORK, NY IMMUNE RESPONSES TO CHLAMYDIA FOR THE PERIOD 10-01-87 THRU 09-30-89 MSN HS-MED MED MICROBIOLOGY	(133-L844)	120,000.00

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257.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENZYME CONTROL IN FOODS MSN AG&LSC FOOD SCIENCE	(133-L848)	12,026.52
258.	PEW SCHOLARS PROGRAM IN THE BIOMEDICAL SCIENCES NEW HAVEN, CT PEW SCHOLARS PROGRAM AWARD FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN GRAD MEDICAL SCHOOL NEUROPHYS	(133-L880)	50,000.00
259.	HABUSH, HABUSH & DAVIS, S.C. MADISON, WI VOICE/GENERAL RESEARCH PROJECT MSN HS-MED SURGERY OTOLARYN	(133-L897)	1,500.00
260.	ABBOTT LABORATORIES ABBOTT PARK, IL EFFECTS OF CARDIOACTIVE DRUGS ON THE SENSITIVITY OF CONTRACTILE PROTEINS TO CALCIUM MSN HS-MED PHYSIOLOGY	(133-L936)	10,704.00
261.	SMITH (A.O.) CORPORATION MILWAUKEE, WI ANALYSIS OF SURFACE WATERS AND PRECIPITATES AWARD # P.O. T-86397	(133-L939)	2,900.00
262.	AMERICAN HEART ASSOCIATION DALLAS, TX UROKINASE OF HUMAN MONOCYTES FOR THE PERIOD 07-01-87 THRU 06-30-90 AWARD # 87 1184 MSN HS-MED MEDICINE HEMATOLOGY	(133-L940)	98,670.00
263.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDY EFFECTS OF TREATMENTS OF BRAIN TUMORS MSN HS-MED HUMAN ONCOLOGY	(133-L942)	40,000.00
264.	WISC DEPT OF NATURAL RESOURCES MADISON, WI APPLICATION OF GROUND PENETRATING RADAR TO DEFINE RECHARGE AREAS FOR THE MANAGEMENT OF AGRI- CHEMICALS IN THE CENTRAL SAND PLAIN FOR THE PERIOD 07-22-87 THRU 06-30-88 AWARD # NRH 95407 MSN L&S GEOL & GEOPHYSICS	(133-L944)	4,213.00
265.	RESONEX SUNNYVALE, CA RESEARCH OF RESONEX RX-4000 MSN HS-MED RADIOLOGY	(133-L954)	4,798.75
266.	AMERICAN MUSEUM OF NATURAL HISTORY NEW YORK, NY A REVISION OF THE GENUS STENELMIS IN NORTH AMERICA MSN AG&LSC ENTOMOLOGY	(133-L955)	600.00



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267.	ACADEMY OF FINLAND NATIONAL RESEARCH COUNCIL FOR AGRICULTURE AND FORESTRY HELSINKI, FINLAND FACTORS AFFECTING COLD HARDINESS IN FOREST TREES MSN AG&LSC N RSRCS-FORESTRY (133-L956)	5,000.00
268.	WARNER-LAMBERT COMPANY ANN ARBOR, MI A TWO WEEK, MULTICENTER, DOUBLE-BLIND, DOSE- RANGING STUDY OF THE COMPARATIVE EFFICACY AND SAFETY OF LOW DOSE SUSTAINED-RELEASE BENADRYL, STANDARD-RELEASE BENADRYL, AND PLACEBO IN OUT- PATIENTS WITH ALLERGIC SEASONAL RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-L957)	25,000.00
269.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW RESEARCH FUND MSN GRAD AGR & LIFE SCI BIOCHEM (133-L958)	6,073.00
270.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMOTHERAPY RESEARCH MSN HS-MED RADIOLOGY DIAGNOSTIC (133-L960)	2,250.00
271.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPARATIVE EVALUATION OF MRI IMAGING AND ULTRASOUND MSN HS-MED RADIOLOGY DIAGNOSTIC (133-L961)	10,000.00
272.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY GENETICS EDUCATION AND TRAINING PROGRAM FOR CLERGY FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 11-170 MSN HS-MED GENET CLIN PROG (133-L962)	15,000.00
273.	ABBOTT LABORATORIES ABBOTT PARK, IL STUDY OF PULMONARY ARTERY CATHETERS IN CRITICALLY ILL ADULTS MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (133-L963)	22,784.00
274.	NURSES FOUNDATION OF WISCONSIN, INC. MADISON, WI THE PSYCHOLOGICAL EFFECTS OF GROWING UP IN AN ALCOHOLIC HOME ENVIRONMENT FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN HS-NUR (133-L965)	2,000.00
275.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP (133-L969)	5,000.00

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276.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO EX VIVO HYPERTHERMIA AND LIDOCAINE AS AN ADJUNCT TO AUTOLOGOUS BONE MARROW TRANSPLANTATION IN CANINE LYMPHOSARCOMA FOR THE PERIOD 09-01-87 THRU 08-31-88 MSN VET M MEDICAL SCIENCES	(133-L970)	6,175.00
277.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO THERAPY FOR METASTASIS IN CANINE OSTEOSARCOMA FOR THE PERIOD 09-01-87 THRU 08-31-88 MSN VET M MEDICAL SCIENCES	(133-L971)	17,680.00
278.	WISC DEPT OF NATURAL RESOURCES MADISON, WI WHITE-TAILED DEER USE OF ALFALFA FIELDS AND RESPONSES TO CROP PROTECTION IN WISCONSIN FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # NRH 95333 MSN AG&LSC N R-WILDLIF ECOL	(133-L976)	1,500.00
279.	WISC DEPT OF NATURAL RESOURCES MADISON, WI A NEW APPROACH TO ABATEMENT OF CANADA GOOSE DAMAGE IN THE AREA OF HORICON NATIONAL WILDLIFE REFUGE FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # NRH 95333 MSN AG&LSC N R-WILDLIF ECOL	(133-L977)	4,750.00
280.	WISC DEPT OF NATURAL RESOURCES MADISON, WI STATISTICAL METHODS TO DETERMINE COMPLIANCE WITH NUMERICAL GROUNDWATER STANDARDS FOR THE PERIOD 08-05-87 THRU 06-30-88 MSN ENGR CIVIL & ENV ENGR	(133-L978)	20,260.00
281.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EAST & WEST BRANCH-MILWAUKEE RIVER PRIORITY WATERSHED FOR THE PERIOD 06-16-87 THRU 07-31-87 AWARD # 87-99003-E-00 MSN AG&LSC N R-ENVIR AWARE	(133-L981)	1,475.00
282.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI MINK DISEASE STUDIES MSN AG&LSC VETERINARY SCI	(133-L983)	3,000.00
283.	DOW CORNING CORPORATION MIDLAND, MI DIFILENES RESEARCH MSN L&S CHEMISTRY	(133-L984)	7,600.00

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284.	AMERICAN FEDERATION FOR AGING RESEARCH NEW YORK, NY SELECTED ASPECTS OF ORAL-PHARYNGEAL SWALLOWING IN NORMAL AGING ADULTS FOR THE PERIOD 08-01-87 THRU 07-31-88 MSN HS-MED NEUROLOGY	(133-L986)	24,161.00
285.	FULLER (ANNA) FUND NEW HAVEN, CT POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 08-01-87 THRU 07-30-88 MSN HS-MED ONCOLOGY	(133-L987)	18,189.00
286.	SCHENK'S-ATWOOD REVITALIZATION ASSOCIATION MADISON, WI SOO LINE RAILROAD RESEARCH PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-L988)	2,000.00
287.	QUAKER OATS COMPANY BARRINGTON, IL DIETARY FIBER, LIPID AND XENOBIOTIC METABOLISM MSN AG&LSC NUTRITIONAL SCI	(133-L989)	18,500.00
288.	ENGELHARD CORPORATION EDISON, NJ ENGELHARD CORPORATION FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-L993)	12,000.00
289.	JUVENILE DIABETES FOUNDATION NEW YORK, NY ENZYMES FOR INOSITOL TRISOPHOSPHATE METABOLISM IN PANCREATIC ISLETS FOR THE PERIOD 09-01-87 THRU 08-31-88 AWARD # 186310 MSN HS-MED PEDIATRICS	(133-L994)	33,000.00
290.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN GRAD L&S JOURN& M C	(133-L995)	5,271.00
291.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY INSTITUTIONAL ALLOWANCE IN CONNECTION WITH A POSTDOCTORAL FELLOWSHIP AWARDED DIRECTLY BY THE DONOR MSN GRAD MOLECULAR BIOL	(133-M001)	6,000.00
292.	UPJOHN COMPANY KALAMAZOO, MI BIOCHEMICAL STUDIES RELATED TO THE PGE-1 STUDY IN CHILDREN WITH ARDS MSN HS-MED PEDIATRICS	(133-M002)	2,500.00

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293.	NATIONAL SOCIETY TO PREVENT BLINDNESS SCHAUMBURG, IL VIRUS SPECIFIC FACTORS OF HSV RELATED TO CORNEAL DISEASE FOR THE PERIOD 08-01-87 THRU 07-31-88 MSN HS-MED OPHTHALMOLOGY	(133-MO05)	10,000.00
294.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC. WAUWATOSA, WI REGULATION OF GLUCONEOGENESIS AND AMMONIAGENESIS IN PROXIMAL TUBULE CELLS MSN HS-MED PEDIATRICS	(133-MO07)	9,000.00
295.	SIGMA TAU S.P.A. ROME, ITALY CARNITINE RESEARCH PROGRAM MSN VET M MEDICAL SCIENCES	(133-MO09)	13,747.00
296.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI SUMMER INSTITUTE ON THE AGING PROCESS AWARD # FDG 20879 PO MSN HS-ADM ADMINISTRATION	(133-MO11)	2,000.00
297.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 87-FA-42 MSN AG&LSC BIOCHEMISTRY	(133-MO14)	6,552.00
298.	ADRIA LABORATORIES COLUMBUS, OH TOREMIFENE: PHASE 1 TOLERANCE, PHARMACODYNAMICS, PHARMACOKINETICS AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-MO18)	5,770.26
299.	INTERNATIONAL BUSINESS MACHINES CORPORATION HOPEWELL JUNCTION, NY DIELECTRIC BREAKDOWNS FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 618 MSN ENGR MET & MIN ENGR	(133-MO22)	74,670.00
300.	NATIONAL INSTITUTE FOR DISPUTE RESOLUTION MADISON, WI IDENTIFYING AND MEASURING THE QUALITY OF DISPUTE RESOLUTION PROCESSES AND OUTCOMES FOR THE PERIOD OF 06-01-87 THRU 10-01-87 AWARD # 87-053 MSN LAW LAW SCHOOL	(133-MO24)	10,000.00
301.	KRAFT, INC. GLENVIEW, IL MICROBIOLOGICAL STABILITY OF CHEESE SPREAD WITH CONDIMENTS MSN AG&LSC FOOD MICRO&TOXIC	(133-MO25)	9,000.00

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302.	WI DEPT OF TRANSPORTATION MADISON, WI FLOOD FREQUENCY IN THE DRIFTLESS AREA OF WISCONSIN FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN ENGR CIVIL & ENV ENGR	(133-M028)	11,123.00
303.	JANESVILLE FOUNDTION, INC. JANESVILLE, WI A NATIONAL EDUCATION AND JOB TRAINING POLICY FOR THE PERIOD 06-01-87 THRU 11-30-88 MSN EDUC EDUC ADMIN	(133-M029)	13,600.00
304.	AMERICAN CHEMICAL SOCIETY DIVISION OF ORGANIC CHEMISTRY BLOOMINGTON, IN ORGANIC DIVISION FELLOWSHIP MSN L&S CHEMISTRY	(133-M030)	9,000.00
305.	PIONEER OVERSEAS CORPORATION JOHNSTON, IA DISEASE RESISTANCE IN SWEET CORN MSN AG&LSC AGRONOMY	(133-M031)	9,000.00
306.	ALUMINUM COMPANY OF AMERICA ALCOA CENTER, PA CERAMIC MEMBRANE BIOSENSORS FOR THE PERIOD 01-01-87 THRU 12-31-87 MSN ENGR ENGR EXPER STA WATER CHEM	(133-M032)	35,050.00
307.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ HOLSTEIN STEER RESPONSE TO BOVATEC AND VITAMIN E MSN AG&LSC MEAT& ANIMAL SCI	(133-M034)	2,750.00
308.	CIBA-GEIGY CORPORATION SUMMIT, NJ EFFECT OF CGS 12970 ON SERUM AND URINE THROMBOXANE B2 CONCENTRATIONS IN NORMAL DOGS MSN VET M MEDICAL SCIENCES	(133-M035)	4,146.00
309.	IGENE BIOTECHNOLOGY COLUMBIA, MD INCREASED PRODUCTION OF ASTAXANTHIN BY PHAFFIA RHODOZYMA MSN AG&LSC FOOD MICRO&TOXIC	(133-M036)	27,050.00
310.	NABISCO BRANDS, INC PARSIPPANY, NJ THE EFFECT OF SODIUM CITRATE IN CHEESE SPREADS ON CLOSTRIDIUM BOTULINUM TOXIN PRODUCTION MSN AG&LSC FOOD MICRO&TOXIC	(133-M037)	18,600.00

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311.	REAL VEAL, INC. IXONIA, WI INERT FAT SUPPLEMENTATION TO DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-MO38)	1,850.00
312.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI THE DISTRIBUTION OF CORONARY VASCULAR COMPLIANCE FOR THE PERIOD OF 01-01-88 THRU 12-31-88 AWARD # 87-GA-15 MSN HS-MED MEDICINE	CARDIOLOGY (133-MO40)	12,260.00
313.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI RADIOGRAPHIC QUANTIFICATION OF REGIONAL AND GLOBAL LV MOTION FOR THE PERIOD OF 01-01-88 THRU 12-31-88 AWARD # 87-GA-61 MSN HS-MED SURGERY	THORACIC S (133-MO41)	9,909.00
314.	PROCTER & GAMBLE COMPANY CINCINNATI, OH SLUDGE CONDITIONING STUDIES MSN ENGR CIVIL & ENV ENGR	(133-MO42)	16,000.00
315.	EVINRUDE (OLE) FOUNDATION WAUKEGAN, IL DEFRAY EXPENSES INCURRED IN CONNECTION WITH THE OLE EVINRUDE FELLOWSHIP GRANT MSN ENGR MECHANICAL ENGR	(133-0235)	5,000.00
316.	HOWELL (ETTA H) ESTATE LONG BEACH, CA ETTA H HOWELL CANCER RESEARCH FUND MSN HS-MED ONCOLOGY	(133-0555)	8,000.00
317.	QUAKER OATS COMPANY CHICAGO, IL DEVELOPMENT OF HIGH QUALITY AND DISEASE RESISTANT OATS MSN AG&LSC AGRONOMY	(133-0829)	15,310.00
318.	ROCK-A-BYE BABY CENTER SUN PRAIRIE, WI LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	1,035.63
319.	THE UPJOHN COMPANY GLEN ELLYN, IL DERMATOLOGY RESEARCH MSN HS-MED MEDICINE	DERMATOLGY (133-4911)	1,250.00
320.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	1,000.00	HOECHST-ROUSSEL AGRI-VET COMPANY SOMERVILLE, NJ	
	9,000.00	AMERICAN CYANAMID COMPANY PRINCETON, NJ	
	2,500.00	AMERICAN CYANAMID COMPANY PRINCETON, NJ	
	6,500.00	FMC CORPORATION OMAHA, NB	

19,000.00

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321.	QUAKER OATS COMPANY CHICAGO, IL RESEARCH ON IMPROVEMENT BY BREEDING AND SELECTION OF THE PROTEIN CONTENTS OF OATS MSN AG&LSC AGRONOMY	(133-5866)	30,990.00
322.	RIKER LABORATORIES, INC. ST. PAUL, MN SUPPORT OF RESEARCH IN DEPARTMENT OF PHARMACOLOGY MSN HS-MED PHARMACOLOGY	(133-6748)	2,500.00
323.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	3,700.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	2,000.00 COLE/GROWER SERVICE MADISON, WI		
			5,700.00
324.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	1,666.00 WISCONSIN MUCK FARMERS ASSOCIATION RANDOLPH, WI		
	2,676.00 MULTIPLE DONORS		
	6,127.74 WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI		
	3,400.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	12,723.77 CIGNA SAN FRANCISCO, CA		
	7,000.00 WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI		
	4,000.00 MOBAY CHEMICAL CORPORATION INDIANAPOLIS, IN		
	7,914.75 PEARCE, ANDERSON & DURICK BISMARCK, ND		
			45,508.26
325.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	123.66
326.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN PSYCHOLOGY FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S PSYCHOLOGY	(133-8440)	25,000.00
327.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GERMAN FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN L&S GERMAN	(133-8445)	25,000.00

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328.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN BIOLOGICAL SCIENCES FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN GRAD ENZYME INSTITUTE (133-8448)	25,000.00
329.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN AGRICULTURAL ECONOMICS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN AG&LSC AG ECONOMICS (133-8449)	25,000.00
330.	JOHNSON CONTROLS, INC MILWAUKEE, WI RESEARCH PROJECT SUPPORT IN THE DEPARTMENT OF ELECTRICAL ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP (133-8464)	20,000.00
331.	MULTIPLE DONORS CYSTIC FIBROSIS RESEARCH MSN HS-MED PEDIATRICS (133-8586)	100.00
332.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN CHEMICAL ENGINEERING FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN ENGR CHEMICAL ENGR (133-8824)	25,000.00
333.	DOW CHEMICAL U.S.A. MADISON, WI HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY (133-9070)	750.00
334.	WI FOOD PROCESSORS ASSOC. MADISON, WI METHODS OF IMPROVING WISCONSIN CARROTS USED FOR PROCESSING AND FRESH MARKETS, PARTICULARLY BY BREEDING BETTER STRAINS OF THIS VEGETABLE WITH EMPHASIS ON DISEASE RESISTANCE IN HYBRIDS MSN AG&LSC HORTICULTURE (133-9251)	6,050.00
335.	BRUNSWICK FOUNDATION, INC. SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA I COMBUSTN (133-9631)	3,800.00
336.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT (133-9653)	5,000.00
337.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY PROGRAM MSN ENGR ENGR EXPER STA FUSION TEC (133-9977)	75,000.00



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## STUDENT AID

1.	CALIFORNIA FIRST BANK SAN DIEGO, CA MANCHESTER, JOHN D. MANCHESTER, JOHN D. MSN G SERV BUD,PLN,AN	DIR'S OFFC ( LOANS )	34,985.50
2.	EARNINGS ON SHARES REC'D IN ESTATE KIPP, WILLIAM H.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( TRUST )	2,455.30
3.	CONTINENTAL ILLINOIS CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	( TRUST )	15,202.40
4.	CONTINENTAL ILLINOIS CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	15,202.39
5.	VERGERONT, GLEN V. MADISON, WI VERGERONT, ELIZABETH VANDENBERG--AWARD FOR 4-H CLUB LEADERSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	100.00
6.	DAVIS, ARLISS A. HASTINGS ON HUDSON, NY PESTA, ROSE A.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( TRUST )	5,000.00
7.	MULTIPLE DONORS REAM, EUNICE AND HOWARD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	65.00
8.	FARWELL, GAIL F. MADISON, WI ROTHNEY, JOHN W. M.--MEMORIAL RESEARCH AWARD MSN EDUC COUNS PSYCH & ED	( TRUST )	500.00
9.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	NATIONAL GRADUATE FELLOWSHIP PROGRAM FY86 (REDUCTION TO REFLECT CHANGE IN STIPEND FOR ONE GRADUATE FELLOW) FOR THE PERIOD 01-01-86 THROUGH 06-30-88 AT A TOTAL COST OF \$91,926.00 AWARD # GO08640002, MDD. 1 MSN GRAD	( 144-X548 )	16,000.00-
2)	NATIONAL RESOURCES FELLOWSHIP PROGRAM AFRICAN AREA STUDIES FOR THE PERIOD 08-15-87 THROUGH 08-14-88 AWARD # GO08540521 MSN GRAD	( 144-Z787 )	95,270.00

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3)	NATIONAL RESOURCES FELLOWSHIP PROGRAM LATIN AMERICAN AREA STUDIES FOR THE PERIOD 08-15-87 THROUGH 08-14-88 AWARD # GO08540509 MSN GRAD	(144-Z801)	69,585.00
4)	NATIONAL RESOURCES FELLOWSHIP PROGRAM SOUTH ASIAN AREA STUDIES FOR THE PERIOD 08-15-87 THROUGH 08-14-88 AWARD # GO08540530 MSN GRAD	(144-Z806)	95,925.00
5)	NATIONAL RESOURCES FELLOWSHIP PROGRAM EAST EUROPEAN AREA STUDIES FOR THE PERIOD 08-15-87 THROUGH 08-14-88 AWARD # GO08540534 MSN GRAD	(144-Z807)	15,680.00
6)	NATIONAL RESOURCES FELLOWSHIP PROGRAM EAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-87 THROUGH 08-14-88 AWARD # GO08540542 MSN GRAD	(144-Z834)	54,580.00
10.	DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN ROCKVILLE, MD IN SUPPORT OF THE FOLLOWING:		
1)	EXCEPTIONAL FINANCIAL NEED SCHOLARSHIP PROGRAM FOR THE PERIOD 08-14-87 THROUGH 06-30-88 AWARD # O5L550030-87 BHL17-50 MSN G SERV FELLOWS & SCHOLS	(144-Z884)	9,790.00
2)	EXCEPTIONAL FINANCIAL NEED SCHOLARSHIP PROGRAM FOR THE PERIOD 08-14-87 THROUGH 06-30-88 AWARD # O5L550028-87 BHL17-10 MSN G SERV FELLOWS & SCHOLS	(144-Z885)	33,278.00
3)	FINANCIAL ASSISTANCE FOR DISADVANTAGED HEALTH PROFESSIONS STUDENTS FOR THE PERIOD 08-07-87 THROUGH 06-30-88 AWARD # O5L550028-87 BHL18-10 MSN G SERV FELLOWS & SCHOLS	(144-Z886)	21,988.00
11.	MILLER FOUNDATION MARSHFIELD, WI UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM	(133-A352)	8,000.00
12.	MILLER FOUNDATION MARSHFIELD, WI FARM AND INDUSTRY SHORT COURSE MSN AG&LSC ACAD STU AFF ADM	(133-A353)	2,000.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	500.00

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14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELEN K. HERMAN SCHOLARSHIP MSN L&S COMMUN ARTS	(133-B887)	300.00
15.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-B967)	2,924.15
16.	FARM CREDIT BANKS OF ST. PAUL, MINNESOTA ST. PAUL, MN THE FARM CREDIT BANKS OF ST. PAUL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM	(133-C258)	1,500.00
17.	BOEING COMPANY SEATTLE, WA SCHOLARSHIP IN ELECTRICAL OR MECHANICAL ENGINEERING MSN ENGR	(133-D820)	3,000.00
18.	TRANE COMPANY FOUNDATION, INC. LA CROSSE, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-E726)	300.00
19.	GRACE (W R) & CO. COLUMBIA, MD GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-F143)	10,000.00
20.	GRACE (W R) & CO. COLUMBIA, MD FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F189)	10,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VIRCHOW KRAUSE & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-F253)	500.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHEL J. ODEGARD SCHOLARSHIP IN MUSIC MSN L&S SCHOOL OF MUSIC	(133-H239)	3,000.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GAMAGE (DAVID L) FUSION SCHOLARSHIP FUND FOR NUCLEAR ENGINEERING GRADUATE STUDENTS MSN ENGR NUC ENGR&E PHYSC	(133-J160)	700.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELKO (JAMES P) MEMORIAL FUND FOR UNDERGRADUATE SCHOLARSHIPS IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC	(133-J161)	660.00

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25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAUL A. CARLSON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J239)	975.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHECKERS, SIMON & ROSNER SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J240)	500.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI L.J. LARSON EXCELLENCE AWARD MSN BUS SCH OF BUSINESS	(133-J241)	750.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KENNETH B. WACKMAN SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J242)	250.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIGGIN'S CHARITABLE TRUST SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J243)	650.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIPFLI, ULLRICH & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J245)	500.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REXFORD H. FLUND SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J249)	2,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL DIETZE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J250)	1,275.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOTHAR I. IVERSEN MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J251)	500.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELSIE IVERSEN SCHILDHAUER MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J252)	500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELMER IVERSEN JENS MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J253)	500.00

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36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR ENGR EXPER STA I COMBUSTN (133-J551)	5,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE FELLOWSHIP MSN ENGR MET & MIN ENGR (133-J569)	21,746.00
38.	CIGNA CORPORATION PHILADELPHIA, PA CIGNA SCHOLARSHIP (ACTUARIAL SCIENCE PROGRAM) MSN BUS SCH OF BUSINESS (133-J586)	4,000.00
39.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR (133-J629)	1,850.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDWARD A. DUE MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-J770)	2,500.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ASSOCIATION OF GOVERNMENT ACCOUNTANTS SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-K626)	800.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAROLD O FROBACH MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-K629)	300.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KEENAN A BENNETT SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-K630)	1,275.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI YUMANE SCHOLARSHIP MSN L&S ECONOMICS (133-K745)	9,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED L WILDS SCHOLARSHIPS MSN L&S CHEMISTRY (133-K790)	15,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HOUGHTON, TAPLICK & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-K851)	500.00

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47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MORTON, NEHLS & TIERNEY, S.C. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-K852)	500.00
48.	PHARMACISTS SOCIETY OF MILWAUKEE COUNTY MILWAUKEE, WI PHARMACISTS SOCIETY OF MILWAUKEE COUNTY SCHOLARSHIP MSN HS-PHR PHARMACY (133-K923)	300.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RYAN SCHOLARSHIPS IN THE COLLEGE OF ENGINEERING MSN ENGR OPERATIONS (133-L733)	38,400.00
50.	DAVIS (ELAINE E., ERROLL B. AND FAMILY) MADISON, WI DAVIS FAMILY SCHOLARSHIP AWARD MSN BUS SCH OF BUSINESS (133-L941)	500.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE LAWLAH SCHOLARSHIP MSN HS-MED ADMINISTRATION STU AFFAIR (133-L972)	10,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRAN LARSON SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-L990)	500.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD U. RATCLIFF SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-L991)	500.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UW REAL ESTATE ALUMNI SCHOLARSHIPS MSN BUS SCH OF BUSINESS (133-L992)	2,500.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLARENCE R. HICKS SCHOLARSHIP-LAW MSN LAW LAW SCHOOL (133-M020)	500.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHELMAE S. MERRIAM SCHOLARSHIPS MSN G E A DEAN OF STUDENTS PR DISABLD (133-M021)	2,000.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES D. SHAW AND DOROTHY SHAW - MILWAUKEE FOUNDATION MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL (133-0025)	55,000.00

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58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANT THORNTON SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-2971)	200.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BETA ALPHA PSI ALUMNI FUND-ACCOUNTING EDUCATIONAL PROGRAM MSN BUS SCH OF BUSINESS (133-3090)	300.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINNESOTA MINING AND MANUFACTURING COMPANY ACCOUNTANCY FELLOWSHIP MSN BUS SCH OF BUSINESS (133-3632)	500.00
61.	HUMISTON-KEELING, INC. - MADISON DIVISION MADISON, WI ASSISTANCE FOR STUDENTS INTERESTED IN BECOMING PHARMACISTS AND IN NEED OF FINANCIAL AID MSN HS-PHR PHARMACY (133-3680)	300.00
62.	MOORMAN COMPANY FUND QUINCY, IL UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM (133-3834)	4,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LEROY J. BURLINGAME MEMORIAL SCHOLARSHIP IN THE LAW SCHOOL MSN LAW LAW SCHOOL (133-4117)	1,700.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR ANDERSON AND COMPANY GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS SCH OF BUSINESS (133-4253)	3,900.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRICE WATERHOUSE SCHOLARSHIPS TO GRADUATE OR UNDERGRADUATE STUDENTS MAJORING IN ACCOUNTING MSN BUS SCH OF BUSINESS (133-4294)	4,750.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR YOUNG AND COMPANY SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4295)	650.00
67.	NATIONAL GUARDIAN LIFE INS. MADISON, WI COOPERATING LIFE INSURANCE COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4436)	1,500.00

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68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL ORVIS SCHOLARSHIP FUND MSN LAW    LAW SCHOOL	( 133-5774)	1,100.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRY A BULLIS SCHOLARSHIP FUND MSN BUS    SCH OF BUSINESS	( 133-6107)	750.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MARKETING MSN BUS    SCH OF BUSINESS	( 133-6575)	5,000.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAX M. SHAPIRO SCHOLARSHIP FOR LAW STUDENTS SELECTED BY FOUR MEMBERS OF THE LAW SCHOOL FACULTY ON THE BASIS OF NEED MSN LAW    LAW SCHOOL	( 133-6826)	1,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT ARTS ADMINISTRATION PROGRAM OF THE GRADUATE SCHOOL OF BUSINESS MSN BUS    SCH OF BUSINESS	( 133-6975)	10,000.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DENNIS AND MARTHA WHARTON FELLOWSHIP IN BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	( 133-7127)	2,143.39
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHRISTIAN JOHN OTJEN SCHOLARSHIP MSN LAW    LAW SCHOOL	( 133-7354)	2,900.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANTON L. SMONGESKI SCHOLARSHIP MSN LAW    LAW SCHOOL	( 133-7691)	2,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL E. DIETZE LAW SCHOOL SCHOLARSHIP MSN LAW    LAW SCHOOL	( 133-8177)	1,600.00
77.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN ATH    GENERAL OPERATNS ADMIN	( 133-8354)	1,598.75



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78.	MULTIPLE DONORS UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	650.00
79.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI WILLIAM F. VILAS FELLOWSHIPS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN GRAD (133-8453)	40,500.00
80.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI WILLIAM F. VILAS SCHOLARSHIPS FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN G SERV FELLOWS & SCHOLS (133-8454)	56,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GWYNETTE E. SMALLEY MEMORIAL SCHOLARSHIP FUND MSN LAW LAW SCHOOL (133-8713)	4,350.00
82.	MULTIPLE DONORS SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR ADMINISTRATION ADMIN (133-8872)	25.00
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS (133-8953)	200,000.00

## UNRESTRICTED

1.	UOP INC. RESEARCH CENTER DES PLAINES, IL RESEARCH IN THE SYNTHESIS AND CHARACTERIZATION OF METAL CLUSTERS MSN L&S CHEMISTRY (133-M003)	5,000.00
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR RESEARCH AND INSTRUCTION MSN ENGR CHEMICAL ENGR (133-M008)	20,000.00

TOTAL MADISON	36,409,978.04
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EXTENSION AND PUBLIC SERVICE	1,922.69
INSTRUCTION	1,896,309.41
LIBRARIES	7,510.11
MISCELLANEOUS	644,025.10
RESEARCH	32,809,731.85
STUDENT AID	1,025,478.88
UNRESTRICTED	25,000.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## EXTENSION AND PUBLIC SERVICE

1. CITY OF MILWAUKEE  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH HUD  
HARAMBEE COMMUNITY HEALTH OUTREACH PROJECT  
FOR THE PERIOD 06-01-87 THROUGH 05-31-88  
AWARD # CBP 87-174  
MIL DOCE CURR IS-PBLC PDL URB COMUN (144-Z502) 60,000.00
2. SMALL BUSINESS ADMIN  
WASHINGTON, DC  
MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE  
TO SMALL BUSINESS CONCERNS (SBI)  
FOR THE PERIOD 10-01-86 THROUGH 09-30-87  
AWARD # SBA-2598-BD-87  
MIL DOCE BUSINESS & MGMNT SM BUS DVL (144-W454) 3,200.00-

## GIFT-IN-KIND

1. TOM T. TAUBEL  
BROOKFIELD, WI  
GIFT OF VACUUM TUBE ASSORTMENT DONATED TO THE  
PHYSICS DEPARTMENT.  
AWARD # NONE  
MIL L&S PHYSICS ELECTRN SH
2. JOHN SANTI  
MILWAUKEE, WI  
GIFT OF PROPS: 1 TELEVISION & 1 BICYCLE DONATED  
TO THE SCHOOL OF FINE ARTS, THEATRE AND DANCE  
AWARD # NONE  
MIL F ARTS THEATRE & DANCE THTR&DANCE

## INSTRUCTION

1. EDUCATION, DEPT OF  
CHICAGO, IL  
REHABILITATION COUNSELOR EDUCATION PROGRAM: LONG  
TERM TRAINING PROJECT IN REHABILITATION COUNSELING  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G058500147  
MIL EDUC EDUC PSYCHOLOGY (144-Z751) 130,255.00
2. 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 09-01-87 THROUGH 08-31-88  
AWARD # G008730103  
MIL AC AFF GENERAL (144-Z796) 81,802.00
  - 2) BILINGUAL EDUCATION PROGRAM - EDUCATIONAL  
PERSONNEL TRAINING (GRADUATE & UNDERGRADUATE)  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G008710289  
MIL EDUC COMMUNITY EDUC (144-Z799) 71,280.00

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## INSTRUCTION

3.	UWM FOUNDATION (MILWAUKEE METROPOLITAN ASSOCIATION OF COMMERCE ACCT #255) MILWAUKEE, WI ENTREPRENEURIAL PROFESSORSHIP PROGRAMS MIL BUS AD MGMNT RESRCH CTR	(133-G382)	21,636.00
4.	UWM FOUNDATION (VARIOUS) MILWAUKEE, WI NURSING PRACTICE CLINIC MIL NURS NURSING	(133-J656)	20,000.00
5.	UWM FOUNDATION MILWAUKEE, WI GATEWAY TO ENGINEERING AND SCIENCE TECHNOLOGY SCHOLARSHIP PROGRAM AWARD # CK. #A7124268 MIL ENG&AS ADMINISTRATION PRECOLLEGE	(133-K728)	1,335.00
6.	UWM FOUNDATION (ACCT. 845.0) MILWAUKEE, WI SCIENCE BAG (GENERAL) MIL L&S PHYSICS	(133-L610)	500.00
7.	UWM FOUNDATION ACCOUNT #517 MILWAUKEE, WI SHELDON LUBAR CHAIR OF FREE ENTERPRISE MIL BUS AD BUSINESS	(133-L947)	22,829.00
8.	WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION MILWAUKEE, WI SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOPMENT AND RELATED ACTIVITY MIL L&S ECONOMIC EDUC	(133-4849)	1,500.00
9.	UWM FOUNDATION (#415) MILWAUKEE, WI EVAN & MARION HELFAER PROFESSORSHIP IN THE UWM SCHOOL OF BUSINESS ADMINISTRATION MIL BUS AD BUSINESS	(133-9413)	23,106.00

## MISCELLANEOUS

1.	VETERANS ADMINISTRATION WASHINGTON, DC VETERANS ADMINISTRATION OVERHEAD FOR THE PERIOD 07-01-78 THROUGH 12-31-99 AWARD # CHECK NO. 087887 MIL STU AF OFF OF REGISTRAR	(144-M701)	26.57
2.	UWM FOUNDATION (FM90-FRIENDS) MILWAUKEE, WI FRIENDS OF UWWM MIL L&S UWWM	ADMIN- GEN (133-C622)	107,000.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

- |    |  |            |           |
|----|--|------------|-----------|
| 3. | DAVID J. BERG<br>SAUKVILLE, WI<br>GIFT DONATED TO THE UWM FIELD STATION<br>MIL L&S FIELD STATION   | (133-D756) | 1,000.00  |
| 4. | UWM FOUNDATION ACCOUNT #265<br>MILWAUKEE, WI<br>MINORITY SMALL BUSINESS DEVELOPMENT PROGRAM<br>MIL BUS AD MGMNT RESRCH CTR                         | (133-H682) | 39,223.00 |
| 5. | VILAS TRUST<br>MADISON, WI<br>UW MILWAUKEE: DEVELOPMENT OF A CONFERENCE SERIES<br>ON "MUSIC THERAPY: THE TWENTY FIRST CENTURY"<br>MIL F ARTS MUSIC | (133-L609) | 3,755.89- |
| 6. | UWM FOUNDATION<br>MILWAUKEE, WI<br>WORLD CITIES COMPETITION<br>FOR THE PERIOD 06/01/87 THROUGH 06/30/89<br>MIL ARC&UP ADMINISTRATION ADMIN         | (133-L783) | 9,134.00  |

## RESEARCH

- |    |  |            |            |
|----|--|------------|------------|
| 1. | DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM<br>ROCKVILLE, MD<br>PROLACTIN EFFECTS ON BEHAVIOR: SITES AND MODES<br>OF ACTION<br>FOR THE PERIOD 09-01-87 THROUGH 08-31-88<br>AWARD # 5 RO1 MH41447-02<br>MIL L&S BIOLOGICAL SCI      | (144-Z859) | 79,069.00  |
| 2. | DHHS, PHS, NATIONAL INSTITUTES OF HEALTH<br>BETHESDA, MD<br>ENVIRONMENTAL INFLUENCES ON NURSING HOME<br>RESIDENTS<br>FOR THE PERIOD 03-01-87 THROUGH 08-31-88<br>AWARD # 5 RO1 AGO6103-02<br>MIL S WELF SOCIAL WELFARE SOC W-GEN | (144-Y979) | 1,812.00-  |
| 3. | ENERGY, DEPT OF<br>ARGONNE, IL<br>INTERFACIAL AREA AND INTERFACIAL TRANSFER IN TWO-<br>PHASE FLOW SYSTEMS.<br>FOR THE PERIOD 08-01-87 THROUGH 07-31-88<br>AWARD # DE-FGO2-87ER13764<br>MIL ENG&AS MECHANICAL ENGR                | (144-Z785) | 100,000.00 |
| 4. | NATIONAL ENDOWMENT FOR THE HUMANITIES<br>WASHINGTON, DC<br>CARTOGRAPHY IN THE COLUMBIAN ENCOUNTER<br>FOR THE PERIOD 10-01-87 THROUGH 09-30-88<br>AWARD # GL-20812-87<br>MIL L&S GEOGRAPHY  | (144-Z889) | 38,050.00  |

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

5.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC RESEARCH EXPERIENCE FOR UNDERGRADUATES AT THE CENTER FOR GREAT LAKES STUDIES FOR THE PERIOD 07-15-87 THROUGH 12-31-88 AWARD # OCE-8713027 MIL GRAD GT LKS ST, CTR F (144-Z506)	39,872.00
6.	WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS WISDOT COMPOSITE FOR THE PERIOD 07-15-87 THROUGH 07-14-88 AWARD # 4711 MIL GRAD URBAN RESRCH CTR (144-Z784)	30,918.00
7.	ELECTROSTATICS SOCIETY OF AMERICA INDIANAPOLIS, IN RESEARCH AND MANUSCRIPT PREPARATION MIL L&S PHYSICS (133-A447)	2,500.00
8.	REXNORD BROOKFIELD, WI SENSOR DEVELOPMENT AWARD # CHECK #328627 MIL L&S PHYSICS (133-E596)	1,000.00
9.	UWM FOUNDATION (ACCOUNT #804.0) MILWAUKEE, WI FROMKIN ORAL HISTORY PROJECT MIL LIBR LIBRARY (133-F435)	5,000.00
10.	WISCONSIN SOCIETY FOR JEWISH LEARNING MILWAUKEE, WI HOLOCAUST RESEARCH AND INFORMATION PROJECT MIL L&S COMPARATIVE LIT (133-F437)	2,500.00
11.	UWM FOUNDATION (SHAW RESEARCH FUND) MILWAUKEE, WI SHAW RESEARCH FUND MIL L&S BIOLOGICAL SCI (133-F467)	10,000.00
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
13.	UWM FOUNDATION, #258 MILWAUKEE, WI JERRY LEER ACCOUNTING FUND MIL BUS AD MGMNT RESRCH CTR (133-G426)	2,619.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

14.	UWM FOUNDATION (VARIOUS) (#852) MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION SEMINAR SERIES MIL BUS AD MGMNT RESRCH CTR (133-H149)	23,016.00
15.	UWM FOUNDATION (VARIOUS) MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION MIL BUS AD MGMNT RESRCH CTR (133-H150)	19,050.00
16.	SHAW FUNDS/MILWAUKEE FOUNDATION UWM FOUNDATION MILWAUKEE, WI SHAW DISTINGUISHED PROFESSOR IN BIOLOGICAL SCIENCES. MIL GRAD GT LKS ST, CTR F (133-H660)	35,000.00
17.	FOUNDATION FOR ADVANCED EDUCATION IN THE SCIENCES NATIONAL INSTITUTES OF HEALTH BETHESDA, MD UNRESTRICTED RESEARCH OF PROF. GEORGE SOSNOVSKY IN THE DEPARTMENT OF CHEMISTRY MIL L&S CHEMISTRY (133-J653)	2,014.00
18.	UWM FOUNDATION (ACCOUNT NO. 231) MILWAUKEE, WI SUMMER 1987 RESEARCH PROJECT MIL A H P HUMAN KINETICS (133-K654)	2,000.00
19.	AMERICAN CHEMICAL SOCIETY-PETROLEUM RESEARCH FUND WASHINGTON, DC PROJECT SEED FOR THE PERIOD 06/01/87 THROUGH 05/31/88 AWARD # PRF#360466 MIL L&S CHEMISTRY (133-K692)	1,000.00
20.	GROUNDWATER MANAGEMENT, INC. KANSAS CITY, KS IN-SITU REMOVAL OF IRON AND MANGANESE FROM GROUND WATER FOR THE PERIOD 06/01/86 THROUGH 06/14/88 AWARD # CHECK NO. 129284 MIL ENG&AS CIVIL ENGINEER'G (133-K856)	1,200.00
21.	UWM FOUNDATION ACCOUNT #820 MILWAUKEE, WI CHARACTERIZATION OF RAINBOW TROUT CRP MIL L&S BIOLOGICAL SCI (133-K956)	1,200.00
22.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI PROTECTIVE THIN FILM PROJECT AWARD # CHECK NO. 135379 MIL L&S PHYSICS (133-K999)	50,000.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

23.	UWM FOUNDATION (SHAW FUNDS/MILWAUKEE FOUNDATION) MILWAUKEE, WI SHAW VISITING SCIENTIST IN BIOLOGICAL SCIENCES MIL GRAD GT LKS ST, CTR F (133-L025)	30,000.00
24.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI DISCRETIONARY GIFT MIL L&S PSYCHOLOGY (133-L165)	3,000.00
25.	WISC DEPT OF NATURAL RESOURCES MADISON, WI AQUATIC PLANT DIVERSITY LAC LA BELLE AND OKAUCHEE LAKE FOR THE PERIOD 05/14/87 THROUGH 01/15/88 AWARD # P.O. NRG 92321 AMENDMENT MIL L&S BIOLOGICAL SCI (133-L649)	8,000.00
26.	CONTROL DATA MINNEAPOLIS, MN CAST ALUMINUM ALLOY CERAMIC PARTICLE COMPOSITES WITH HIGH DAMPING CAPACITY FOR COMPUTER COMPONENTS FOR THE PERIOD 04/27/87 THROUGH 08/31/89 AWARD # 87W108 MIL ENG&AS MATERIALS (133-L694)	64,586.00
27.	UWM FOUNDATION MILWAUKEE, WI STRATEGIC MANAGEMENT AND BUSINESS POLICY MIL BUS AD MGMNT RESRCH CTR (133-L714)	39,000.00
28.	UWM FOUNDATION (#871) (SHAW RESEARCH FUND) MILWAUKEE, WI SHAW SCHOLAR AWARD FOR THE PERIOD 07/01/87 THROUGH 06/30/88 MIL L&S CHEMISTRY (133-L946)	30,000.00
29.	NURSES' FOUNDATION OF WISCONSIN MADISON, WI COPING AND SERIOUS MENTAL ILLNESS AWARD # CHECK NO. 1016 MIL NURS FNDTNS OF NURS'G FNDT NURS' (133-L974)	500.00
30.	MEDICAL COLLEGE OF WISCONSIN (P/C AMERICAN CYANAMID) MILWAUKEE, WI ENVIRONMENTAL CHEMICAL STUDIES FOR THE PERIOD 07/01/87 THROUGH 06/30/88 AWARD # PO23667-CO.1 MIL GRAD DEAN'S OFFICE (133-L996)	3,464.00
31.	NURSES FOUNDATION OF WISCONSIN MADISON, WI PARENTAL RESPONSES TO THE UNEXPECTED DEATH OF A SCHOOL-AGED CHILD FOR THE PERIOD 07/01/87 THROUGH 06/30/88 AWARD # CHECK NO. 1018 MIL NURS HLTH MAINTENANCE (133-M017)	500.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

32. UPJOHN  
KALAMAZOO, MI  
ANALYSIS AND VALIDATION OF ANALYSIS FOR SULINDAC  
AND ITS SULFONE AND SULFIDE METABOLITES IN HUMAN  
PLASMA  
AWARD # CHECK NO 23247  
MIL GRAD DEAN'S OFFICE (133-M023) 5,362.50
33. COMPUTERIZED STRUCTURAL DESIGN  
MILWAUKEE, WI  
SPANCRETE PLANK TESTS  
AWARD # CHECK #022871  
MIL ENG&S CIVIL ENGINEER'G (133-9372) 1,400.00

## STUDENT AID

1. KURTZ, DR. DONALD V.  
SHOREWOOD, WI  
TAX, SOL--ANTHROPOLOGY FUND (MILW)  
MIL L&S ANTHROPOLOGY ANTHROPOL ( TRUST ) 50.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # PO08702948  
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B087) 176,952.00-
3. SCHOOL OF ARCHITECTURE AND URBAN PLANNING  
SCHOLARSHIP FUND  
MIL ARC&UP ADMINISTRATION ADMIN (133-A492)
- 250.00 UWM FOUNDATION #670  
MILWAUKEE, WI
- 1,000.00 UWM FOUNDATION #383  
MOEBIUS ACCOUNT  
MILWAUKEE, WI
- 1,250.00
4. UWM FOUNDATION - #418.1  
MILWAUKEE, WI  
FREDERICK LAYTON FELLOWSHIP  
MIL F ARTS ADMINISTRATION ADMIN (133-H176) 30,372.00
5. MPC ENDOWMENT LTD.  
MILWAUKEE, WI  
UNDERGRADUATE SCHOLARSHIP SUPPORT  
MIL L&S MASS COMMUNICATN MASS COMM (133-L945) 500.00
- TOTAL MILWAUKEE 1,073,899.18  
=====
- EXTENSION AND PUBLIC SERVICE 56,800.00  
INSTRUCTION 374,243.00  
MISCELLANEOUS 152,627.68  
RESEARCH 635,008.50  
STUDENT AID 144,780.00-



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD NATIONAL YOUTH SUMMER SPORTS 1987 FOR THE PERIOD 06-01-87 THROUGH 05-31-88 AWARD # NCAA-870135 EAU AUX OP OTHER ORG ACTIV	(144-8001)	49,000.00
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## INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC BUSINESS EDUCATION CURRICULUM RESOURCE MATERIALS SUPPLEMENT FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PAH 00153 EAU BUS BUS ED & ADM MGT	(144-7070)	6,598.00
2. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC MULTIDISCIPLINARY USE OF AN ATOMIC ABSORPTION SPECTROMETER FOR THE PERIOD 06-15-87 THROUGH 11-30-89 AWARD # CSI-8750810 EAU ART&SC CHEMISTRY	(144-7024)	12,807.00

## RESEARCH

1. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC THE ROLE OF APPELLATE COURTS IN SENTENCING DECISIONS FOR THE PERIOD 07-01-87 THROUGH 03-31-89 AWARD # SES-8709627 EAU ART&SC SOCIAL & ANTHROP	(144-7051)	25,016.00
2. BARRON COUNTY BARRON, WI ARCHAEOLOGICAL SURVEY OF THE POKEGAMA FLOWAGE BRIDGE FOR THE PERIOD 07-14-87 THRU 08-31-87 AWARD # AA-071487 EAU ART&SC SOCIAL & ANTHROP	(133-8016)	250.00
3. AYERS ASSOCIATES INC EAU CLAIRE, WI ARCHAEOLOGICAL SURVEY OF THE COON CREEK BRIDGE FOR THE PERIOD 07-09-87 THRU 08-31-87 AWARD # AA-070987 EAU ART&SC SOCIAL & ANTHROP	(133-8017)	350.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - EAU CLAIRE

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY FY 87-88 FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08814551 EAU ST AST WORK-STUDY	(145-8013)	911,249.00
2.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN FY 87-88 FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08824551 EAU ST AST NATL DIR STU LNS	( LOANS )	340,292.00
3.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT FY 87-88 FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802954 EAU ST AST ED OPPOR GRANTS	(148-8015)	2,613,620.00
4.	EDUCATION, DEPT OF WASHINGTON, DC SEOG-INITIAL FY 87-88 FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO88634551 EAU ST AST ED OPPOR GRANTS	(144-8014)	661,025.00
	TOTAL EAU CLAIRE		4,620,207.00 =====

EXTENSION AND PUBLIC SERVICE	49,000.00
INSTRUCTION	19,405.00
RESEARCH	25,616.00
STUDENT AID	4,526,186.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. NICOLET COLLEGE RHINELANDER, WI HEALTH ASSESSMENT OF THE ADULT GBY LF LRN LIFELONG LRN-C P	(133-L985)	2,415.00
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## MISCELLANEOUS

1. DAMKOEHLER, DAVID NEW FRANKEN, WI CONSTRUCTION OF STEEL EASELS FOR ART DISCIPLINE GBY CR COM COMM & THE ARTS	(133-M027)	1,452.00
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## RESEARCH

1. INDIANA (UNIVERSITY OF) BLOOMINGTON, IN MIDWEST UNIVERSITY CONSORTIUM FOR INTERNATIONAL ACTIVITIES FOR THE PERIOD 08-01-87 THRU 07-31-88 GBY PRF ST BUSINESS ADMIN	(133-L935)	57,505.00
2. MULTIPLE DONORS SURVEY RESEARCH GBY COM SC URB & PUB AFFAIR	(133-L968)	699.00

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$1,556,007.00 AWARD # PO08702950, MOD. 5 GBY ST AID FEL & SCHOL-ADG	(148-D087)	16,835.00
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TOTAL GREEN BAY	78,906.00
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INSTRUCTION	2,415.00
MISCELLANEOUS	1,452.00
RESEARCH	58,204.00
STUDENT AID	16,835.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - OSHKOSH

## EXTENSION AND PUBLIC SERVICE

1. WINNE-FOND LAKE  
 OSHKOSH, WI  
 PRIME CONTRACTOR WITH LABOR  
 SUMMER YOUTH EMPLOYMENT  
 FOR THE PERIOD 04-01-87 THROUGH 09-30-87  
 AWARD # 8722S1  
 OSH EDUC INSTRUCTION (144-4468) 218,635.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
 WASHINGTON, DC  
 SPECIAL SERVICES FOR DISADVANTAGED STUDENTS  
 FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
 AWARD # G008740234  
 OSH AVC-AD MINORITY PROGRMS (144-4470) 125,303.00

2. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES  
 CHICAGO, IL  
 ADDITION TO 21ST HEAD START AWARD  
 FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
 AWARD # O5CH4232/21, MOD. 1  
 OSH EDUC INSTRUCTION (144-4466) 15,898.00

3. WI DEPT OF PUBLIC INSTRUCTION  
 MADISON, WI  
 PRIME CONTRACTOR WITH LABOR  
 SERVICES FOR AT RISK YOUTHS WHO ARE BEHIND  
 IN SCHOOL  
 FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
 AWARD # PAH 00159  
 OSH EDUC INSTRUCTION (144-4469) 76,183.00

## RESEARCH

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

1) PROCESSING AND INTERPRETATION OF LAND-SEA  
 DATA FROM THE GLIMPCE SEISMIC EXPERIMENT  
 FOR THE PERIOD 02-01-87 THROUGH 07-31-88  
 AWARD # EAR-8617074, MOD. 1  
 OSH L&S PHYS-ASTRONOMY (144-4463) 6,000.00

2) UNDERGRADUATE LABORATORY INSTRUMENTATION  
 FOR BIOTECHNOLOGY  
 FOR THE PERIOD 07-15-87 THROUGH 12-31-89  
 AWARD # CSI-8750560  
 OSH L&S BIOLOGY (144-4467) 11,774.00

TOTAL OSHKOSH 453,793.00  
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EXTENSION AND PUBLIC SERVICE	218,635.00
INSTRUCTION	217,384.00
RESEARCH	17,774.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - PARKSIDE

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
EDUCATIONAL OPPORTUNITY CENTER (EOC) FOR  
SOUTHEASTERN WISCONSIN  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GOO8540693  
PKS G E A CHANCELLORS OFF A-C-ST-AFF (144-Z852) 114,774.00

## RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
ACQUISITION OF LANGUAGE IN DIFFERENT  
SOCIAL CONTEXTS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 HD20936-02  
PKS SC&SOC BEHAVIORAL SCI PSYCHOLOGY (144-Z894) 72,282.00

2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
TWO PROGRAMS CELEBRATING THE BICENTENNIAL OF THE  
U S CONSTITUTION  
FOR THE PERIOD 08-01-87 THROUGH 09-30-87  
AWARD # FY87-26(L)  
PKS SC&SOC EDUCATION (144-Z890) 1,498.00

3. MULTIPLE DONORS  
CENTER FOR SURVEY AND MARKETING RESEARCH  
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-G937) 1,000.00

4. JOHNSON (S.C.) AND SON, INC.  
RACINE, WI  
RESEARCH IN THE FIELD OF ELECTROMAGNETIC AND  
DIELECTRIC MEASUREMENTS ON ANIMATE AND  
INANIMATE SYSTEMS  
PKS SC&SOC SCIENCE BIOLOG SCI (133-L319) 18,500.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$998,435.00  
AWARD # POO8703238, MOD. 6  
PKS BUS SV FELLOWS & SCHOLS (148-G087) 7,933.00

2. AMSTED INDUSTRIES, INC.  
CHICAGO, IL  
ALUMNI ANNUAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-G893) 1,500.00

TOTAL PARKSIDE 217,487.00

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INSTRUCTION	114,774.00
RESEARCH	93,280.00
STUDENT AID	9,433.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - PLATTEVILLE

RESEARCH

1.	INCOME TO BE USED BY THE DEPARTMENT OF BIOLOGY FOR THE CONDUCT OF RESEARCH IN PHYSICAL SCIENCES. BREWER, A. KEITH MEMORIAL FUND (PLT) PLT ART&SC BIOLOGY	( TRUST )	
2.	CBI TRUST & FINANCIAL SERVICES RICHLAND CENTER, WI BREWER, A. KEITH TRUST BREWER, A. KEITH MEMORIAL FUND (PLT) PLT ART&SC BIOLOGY	( TRUST )	25,000.00
	TOTAL PLATTEVILLE		25,000.00 =====
	RESEARCH		25,000.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF  
CHICAGO, IL  
INDEPENDENT LIVING SKILLS/PRE-VOCATIONAL  
EXPLORATION EVALUATION FOR PERSONS WITH  
DEVELOPMENTAL DISABILITIES MAKING THE TRANSITION  
FROM SCHOOL OR INSTITUTION TO COMMUNITY LIVING  
OR EMPLOYMENT  
FOR THE PERIOD 10-01-87 THROUGH 09-30-88  
AWARD # G058500150  
STO ED&H S CLIENT SVCS INST INDEP LIV (144-0647) 50,000.00
2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL EDUCATION AND EDUCATION FOR  
EMPLOYMENT EVALUATION PROJECT  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PAH 00154  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0542) 204,189.00
3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
EQUAL EDUCATIONAL OPPORTUNITY IN TECHNICAL  
EDUCATION--PHASE II  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PAH 00156  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (144-0610) 7,000.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
PROGRAM FOR INDEPENDENT LIVING ALTERNATIVES  
FOR RURAL SEVERELY DISABLED PERSON  
FOR THE PERIOD 10-01-87 THROUGH 09-30-88  
STO ED&H S CLIENT SVCS INST INDEP LIV (144-0629) 192,620.00
5. WISCONSIN LEA  
PRIME CONTRACTOR WITH DED  
PROVIDE STATISTICAL TABLES BASED UPON THE  
WISCONSIN DPI SECONDARY VOCATIONAL PROGRAM  
EVALUATION PROJECT  
FOR THE PERIOD 12-01-86 THROUGH 08-31-87  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0531) 11,200.00
6. WEST CENTRAL WISCONSIN PRIVATE INDUSTRY COUNCIL  
MENOMONIE, WI  
PRIME CONTRACTOR WITH LABOR  
PREPARATION FOR EMPLOYMENT AND  
TRAINING/SPECIAL NEEDS  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 87-04-PE  
STO ED&H S CLIENT SVCS INST PR INDUST (144-0507) 40,040.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

1. KRAUSE PUBLICATIONS  
IOLA, WI  
3M PT B FIX-CFC-8002 CUBES (9); 3M AQR-LITH DEVELOPER REPLENISHER; KODAK PMT DEVELOPER (7); KODAK LASER PAPER 6 X 100 FT (36); ANITEC 420 DEVELOPER (PMT) 2 1/2 GAL CUBES (10); FOTECK LITH DEVELOPER STO I&TECH GRAPHIC COMMUNIC
2. E. I. DUPONT DENEMOURS & CO.  
NILES, IL  
EQUIPMENT AND SUPPLIES FOR DUPONT CROMALIN AND DUPONT FILM PROCESSOR  
STO I&TECH GRAPHIC COMMUNIC
3. CONSORTIUM FOR HOSPITALITY RESEARCH  
INFORMATION SERVICES  
NEW YORK CITY, NY  
AT & T HARD DISK COMPUTER WITH PRINTER AND PERIPHERALS AND SOFTWARE  
STO LIB RE LIB LR C-CMP SUP
4. U.S. DEPARTMENT OF ENERGY  
ARGONNE, IL  
TWO SLIDE PROJECTORS: ONE MODEL B-2 AVS141AH W/4" LENS, KODAK; ONE MODEL B-2 AV3114, W/95" F4.5 LENS  
KODAK  
STO LIB RE ITS-PHOTO
5. GRAPHICS MICROSYSTEMS, INC.  
MOUNTAIN VIEW, CA  
VIDEOCASSETTE ON INK CONTROL AUTOMATION  
STO I&TECH GRAPHIC COMMUNIC

INSTRUCTION

1. MILWAUKEE AREA TECHNICAL COLLEGE  
MILWAUKEEE, WI  
PRIME CONTRACTOR WITH DED  
PROJECT TO STAFF MILWAUKEE AREA TECHNICAL COLLEGE TECHNOLOGY EDUCATION TRAINING PROGRAM FOR THE MILWAUKEE AREA SECONDARY SCHOOLS FOR THE PERIOD 06-01-87 THROUGH 08-31-87  
STO I&TECH IND & MARKETG ED (144-0552) 6,871.00
2. FUNDS FOR DEPARTMENT OF HABITATIONAL RESOURCES  
COMPUTER LABORATORY MODERNIZATION PROJECT  
FOR THE PERIOD 10-16-87 THRU 06-30-87  
STO H ECON HABITATNL RESRCS (133-0329)
 

175.00	HOLIDAY INNS, INC MEMPHIS, TN
80.00	LELAND NICHOLLS, PH.D. MENOMONIE, WI
1,442.82	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI
4,300.00	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI
632.31	STUDENT CHAPTER OF CLUB MANAGERS ASSOCIATION OF AMERICA MENOMONIE, WI
543.57	HOLIDAY INNS, INC MEMPHIS, TN

7,173.70



GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

## UNIVERSITY OF WISCONSIN - STOUT

## INSTRUCTION

3.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI STUDENT ARTIST-IN-RESIDENT PROGRAM AND PERMANENT ART COLLECTION IN THE LIBRARY LEARNING CENTER FOR THE PERIOD 07-01-87 THRU 06-30-88 STO LIB ST ART	(133-0399)	3,240.00
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## RESEARCH

1.	WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED SEX EQUITY PROJECT, 1987-88 FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PAH 00155 STO I&TECH CTR FOR VTAE	CVTAE-RES (144-0581)	72,073.00
2.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI CENTER FOR HOSPITALITY AND TOURISM RESEARCH (REDUCTION DUE TO INCORRECT REPORTING FOR THE AUGUST 7, 1987 REGENT MEETING) FOR THE PERIOD 07-01-87 THRU 06-30-88 STO H ECON HABITATNL RESRCS	(133-0336)	11,785.00-

## STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AWARD # PO08702953, MOD. 1 STO ST AST BEOG PROGRAM	(148-0822)	21,173.00
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## TOTAL STOUT

603,794.70

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EXTENSION AND PUBLIC SERVICE	505,049.00
INSTRUCTION	17,284.70
RESEARCH	60,288.00
STUDENT AID	21,173.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - SUPERIOR

GIFT-IN-KIND

1. ABBOTT LABORATORIES  
NORTH CHICAGO, IL  
JEOL FX-900 NUCLEAR MAGNETIC RESONANCE  
SPECTROMETER  
SUP SCI&M CHEMISTRY

INSTRUCTION

1. VASACAD CORPORATION  
HUNTINGTON BEACH, CA  
TEN LICENSES FOR COMPUTER SOFTWARE  
SUP SCI&M MATH SCIENCES (133-0356) 76,000.00

RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
MICROBIAL METABOLISM OF INDUSTRIAL CHEMICALS  
FOR THE PERIOD 05-01-86 THROUGH 10-31-87  
AWARD # CR-811603-03-3, MOD. 3  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0354) 45,424.00
2. BATTELLE MEMORIAL INSTITUTE  
COLUMBUS, OH  
PRIME CONTRACTOR WITH EPA  
CONDUCTING TOXICITY TESTS WITHIN THE  
FATHEAD MINNOW AND COMPOUND ACRYLAMIDE  
FOR THE PERIOD 10-01-87 THROUGH 12-31-87  
AWARD # F 4114-98834-411  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0353) 3,300.00
3. INTERIOR, DEPT OF  
OMAHA, NE  
WATER RESOURCES OF THE APOSTLE ISLANDS  
NATIONAL LAKESHORE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # CX6000-5-0065, MOD. 2  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0352) 19,000.00

TOTAL SUPERIOR 143,724.00  
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INSTRUCTION 76,000.00  
RESEARCH 67,724.00



GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. UW - SHEBOYGAN COUNTY FOUNDATION, INC.  
SHEBOYGAN, WI  
2 TELEPHONE ANSWERING MACHINES, IBM PC, VCR UNIT,  
VCR RECORDER, REFRIGERATOR, KOALA PAD, TV MONITOR,  
MICROPHONES PLUS, SPEAKERS  
CNS SHEBOY
2. FRIENDS AND ALUMNI OF UW FOUNDATION, INC.  
WAUKESHA, WI  
FILMS  
CNS WAUK LIBRARY ADMIN

## MISCELLANEOUS

1. WISCONSIN ARTS BOARD  
MADISON, WI  
PRIME CONTRACTOR WITH NEA  
INSIDE THE WALLS; A PROGRAM SERIES IN THE ARTS  
FOR KETTLE MORaine, TAYCHEEDAH, AND WAUPUN  
CORRECTIONAL INSTITUTIONS  
FOR THE PERIOD 09-01-87 THROUGH 06-30-88  
AWARD # 316  
CNS SYS SV INSTRNL SERVICES PREP PROG (144-Z808) 2,875.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
A REPORT ON NICARAGUA  
FOR THE PERIOD 08-01-87 THROUGH 09-30-87  
AWARD # FY87-27 (L)  
CNS MARSH ENGLISH (144-Z856) 95.00
3. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
CONSTITUTION ISSUES  
FOR THE PERIOD 07-22-87 THROUGH 12-31-87  
AWARD # FY87-21(L)  
CNS FOX VA STUDENT AFFAIRS LECT & F A (144-Z857) 787.00
4. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
PERSPECTIVES ON CONCEPTS AND VISIONS OF ENGLISH  
ROMANTICISM  
FOR THE PERIOD 08-01-87 THROUGH 05-31-88  
AWARD # FY87-20(L)  
CNS FOX VA STUDENT AFFAIRS LECT & F A (144-Z858) 827.00
5. UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)
 

625.00	MULTIPLE DONORS
1,000.00	VISITORS AND PROMOTION BUREAU
	MARSHFIELD, WI
250.00	MULTIPLE DONORS
1,000.00	MULTIPLE DONORS
250.00	MULTIPLE DONORS

3,125.00

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$2,333,925.00 AWARD # PO08702949, MOD. 4 CNS	( 148-R087)	105,319.00
TOTAL CENTER SYSTEM		113,028.00 =====
MISCELLANEOUS	7,709.00	
STUDENT AID	105,319.00	

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	PROGRAM UNDERWRITING FOR FY 86 EXT TELCOM WHA TELEVISION	(133-J325)	
	3,400.00	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI	
	8,800.00	GENERAL TELEPHONE COMPANY SUN PRAIRIE, WI	
			12,200.00
2.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PUBLIC RADIO PROGRAMMING FY 87 FOR THE PERIOD 07-01-86 THRU 06-03-87 AWARD # P.O.#ECG 00430,ECG00390 EXT TELCOM WHA RADIO	(133-K498)	3,132.44
3.	FORBES MEAGHER MUSIC CENTERS MADISON, WI PROGRAM UNDERWRITNG FOR FY 88 EXT TELCOM WHA TELEVISION	(133-L435)	700.00
4.	WISC DEPT OF NATURAL RESOURCES MADISON, WI NONPOINT SOURCE POLLUTION EDUCATION-NORTHEAST DISTRICT FOR THE PERIOD 12-29-86 THRU 06-30-91 AWARD # 86-99001-E-00 EXT COOP E CO&AREA OFC-N E	(133-L828)	47,305.00
5.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION OF "PRIME-TIME WISCONSIN", A SERIES OF TELEVISION PROGRAMS FOR THE PERIOD 07-01-87 THRU 06-30-88 EXT TELCOM WHA TELEVISION	(133-L937)	82,000.00

## RESEARCH

1.	WISC DEPT OF NATURAL RESOURCES MADISON, WI NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91 AWARD # 86-99002-E-00 EXT COOP E COM,N RSRC&EC DV C,N R& E D	(133-L827)	22,424.00
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## STUDENT AID

1.	FIRST WISCONSIN-PORTAGE PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK, WILLIAM T.--4-H MERIT AWARD (EXT) EXT COOP E 4H-YOUTH DVLPMNT	( TRUST )	932.00
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GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - EXTENSION

## STUDENT AID

2.	EPSILON SIGMA PHI-ALPHA SIGMA CH		
	MADISON, WI		
	ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT)		
	EXT	( TRUST )	457.79

TOTAL EXTENSION	169,151.23
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EXTENSION AND PUBLIC SERVICE	145,337.44
RESEARCH	22,424.00
STUDENT AID	1,389.79

GIFTS, GRANTS AND CONTRACTS  
SEPT 11, 1987

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

1. EDUCATIONAL TESTING SERVICE  
PRINCETON, NJ  
STUDY AND REPORT ON DISSEMINATION, UTILIZATION  
AND ASSESSMENT OF TELEVISION COURSE MATERIALS  
USED IN HIGHER EDUCATION  
SA VP U R V PRES UNIV REL (133-0301) 8,000.00

TOTAL CENTRAL ADMINISTRATION 8,000.00  
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MISCELLANEOUS 8,000.00



SEPTEMBER 11, 1987  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 07-18-87 THROUGH 08-21-87

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	8,000	-0-	-0-	-0-	-0-	8,000
CENTER SYSTEM	-0-	-0-	-0-	7,709	-0-	-0-	105,319	-0-	113,028
EAU CLAIRE	49,000	19,405	-0-	-0-	-0-	25,616	4,526,186	-0-	4,620,207
EXTENSION	145,337	-0-	-0-	-0-	-0-	22,424	1,390	-0-	169,151
GREEN BAY	-0-	2,415	-0-	1,452	-0-	58,204	16,835	-0-	78,906
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	1,923	1,896,309	7,510	644,025	-0-	32,809,732	1,025,479	25,000	36,409,978
MILWAUKEE	56,800	374,243	-0-	152,628	-0-	635,009	(144,780)	-0-	1,073,899
OSHKOSH	218,635	217,384	-0-	-0-	-0-	17,774	-0-	-0-	453,793
PARKSIDE	-0-	114,774	-0-	-0-	-0-	93,280	9,433	-0-	217,487
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	25,000	-0-	-0-	25,000
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	505,049	17,285	-0-	-0-	-0-	60,288	21,173	-0-	603,795
SUPERIOR	-0-	76,000	-0-	-0-	-0-	67,724	-0-	-0-	143,724
WHITEWATER	-0-	98,903	-0-	-0-	-0-	-0-	-0-	-0-	98,903
<b>TOTAL SEP 1987</b>	<b>976,744</b>	<b>2,816,718</b>	<b>7,510</b>	<b>813,814</b>	<b>-0-</b>	<b>33,815,050</b>	<b>5,561,035</b>	<b>25,000</b>	<b>44,015,871</b>
PREVIOUSLY REPORTED	1,350,127	3,373,518	342,395	1,645,790	27,001	27,365,942	17,747,282	-0-	51,852,057
<b>GRAND TOTAL</b>	<b>2,326,871</b>	<b>6,190,236</b>	<b>349,905</b>	<b>2,459,604</b>	<b>27,001</b>	<b>61,180,993</b>	<b>23,308,317</b>	<b>25,000</b>	<b>95,867,928</b>
<b>TOTAL SEP 1986</b>	<b>1,479,351</b>	<b>3,007,159</b>	<b>46,005</b>	<b>471,366</b>	<b>339,464</b>	<b>27,266,692</b>	<b>8,638,711</b>	<b>35</b>	<b>41,248,784</b>
PREVIOUSLY REPORTED	1,483,440	2,241,223	344,541	2,109,905	2,500	21,318,371	9,589,906	3,000	37,092,886
<b>GRAND TOTAL</b>	<b>2,962,791</b>	<b>5,248,382</b>	<b>390,545</b>	<b>2,581,271</b>	<b>341,964</b>	<b>48,585,063</b>	<b>18,228,617</b>	<b>3,035</b>	<b>78,341,669</b>
<b>FEDERAL TOTAL SEP 1987</b>	<b>829,484</b>	<b>2,350,001</b>	<b>-0-</b>	<b>123,873</b>	<b>-0-</b>	<b>17,722,620</b>	<b>4,880,590</b>	<b>-0-</b>	<b>25,906,568</b>
PREVIOUSLY REPORTED	224,331	3,211,313	-0-	552,227	-0-	21,450,450	17,216,513	-0-	42,654,834
<b>FEDERAL GRAND TOTAL</b>	<b>1,053,815</b>	<b>5,561,314</b>	<b>-0-</b>	<b>676,100</b>	<b>-0-</b>	<b>39,173,070</b>	<b>22,097,103</b>	<b>-0-</b>	<b>68,561,402</b>
<b>FEDERAL TOTAL SEP 1986</b>	<b>442,112</b>	<b>2,490,794</b>	<b>-0-</b>	<b>124,178</b>	<b>-0-</b>	<b>14,184,842</b>	<b>8,292,965</b>	<b>-0-</b>	<b>25,534,891</b>
PREVIOUSLY REPORTED	134,875	2,011,351	-0-	297,190	-0-	15,871,210	8,799,910	-0-	27,114,536
<b>FEDERAL GRAND TOTAL</b>	<b>576,987</b>	<b>4,502,145</b>	<b>-0-</b>	<b>421,368</b>	<b>-0-</b>	<b>30,056,052</b>	<b>17,092,875</b>	<b>-0-</b>	<b>52,649,426</b>

Describing the arrangement at UW-Oshkosh, Chancellor Penson explained that the baccalaureate program prepared graduates to be direct care nurses, fully responsible for all medical care under physician instructions. They also could progress to supervisory nursing, whereas the associate degree nurse would not be employed in supervisory nursing. While the university accepted, on a case by case basis, general studies courses taken toward the ADN degrees, clinical level courses were very different at the university, and VTAE courses of that type were not likely to transfer.

Referring to questions on transfer of nursing credit to UW-Green Bay from the local technical institute, Regent Clusen observed that the most difficult problem was how to determine, on a fair basis, whether or not courses were comparable.

*Chancellor Schmack noted that UW-Eau Claire had developed a method of comparing its courses with those offered by the local technical institute and that some of those nursing courses were recognized as transferable to UW-Eau Claire.*

Vice Chancellor Fleming noted that UW-Eau Claire had a method of granting credit for previous learning through completion of the National League for Nursing Mobility Profile II examination and a confirming course.

Regent Hanson questioned the duplication of nursing programs at VTAE and UW institutions, since graduates of both received the same kind of license.

Regent Weinstein noted that the license was a minimum requirement which did not qualify the holder to do the maximum range of work.

Pointing out that nursing programs were very expensive to provide, Regent Hanson questioned whether duplication of such programs was justified, unless graduates practiced different kinds of nursing.

#### Enrollment Management

Referring to Resolution SG 10, President Shaw reported that the four-year enrollment reduction plan was being implemented throughout the system. Detailed enrollment targets for each institution had been developed with the goal of reducing enrollment by about 7,000 FTE over the next four years. Along with budget improvements in the biennium, the enrollment reductions would make it possible for the UW System to move toward the regent goal of funding at the national average.

While early enrollment figures suggested that fall 1987 targets to reduce enrollments by 1,500 students would be achieved, the president cautioned that figures were uncertain at this point because of a large number of multiple applications and because predictions were difficult in this first year of change in the process. Later in the fall, figures would be analyzed and reported to the regents so that any needed adjustments could be made.

Enrollment management also would be reviewed in light of the 341 new positions provided in the biennial budget, in order to analyze whether additional action should be taken in the years to come. The needs analysis presented to the regents in April indicated a shortage of approximately 800 faculty members using the base year of 1978-79 for the faculty/student

Minutes of the Executive Committee Meeting  
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

July 31, 1987  
1920 Van Hise Hall  
2:30 p.m.

- Chairman Weinstein presiding -

All Regents were invited to participate in this meeting of the Executive Committee.

Present in Room 1920 Van Hise Hall: Regents Flores, Grover, Hassett, Nikolay, Schenian, Schilling and Weinstein

Participating by telephone: Regents Hanson, Heckrodt, Lyon and Nicholas

All members of the Executive Committee (Regents Flores, Grover, Lyon, Nikolay, Schilling and Weinstein) participated in the meeting.

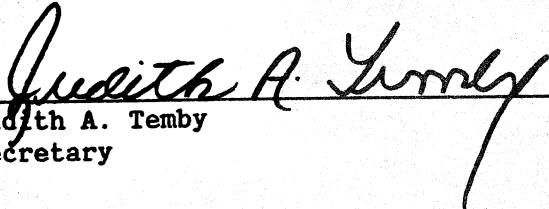
The meeting was called to order at 2:30 p.m. After calling of the roll, it was moved by Regent Schenian and seconded by Regent Schilling that the committee recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), *Wis. Stats.*

The motion was adopted on a unanimous roll-call vote, with Regents Flores, Grover, Hanson, Hassett, Heckrodt, Lyon, Nicholas, Nikolay, Schenian, Schilling and Weinstein voting "Aye" (11).

During the meeting, the following resolution was adopted:

Resolution 3877: That the 1987-88 salary adjustments and presidential back-up appointment listed in Schedule A (revised) be approved for the president, vice presidents, chancellors and vice chancellors in the State Executive Pay Plan and in Schedule B for faculty and academic staff whose salaries will be above the maximum of group 5 of the Executive Pay Plan, contingent on signing of the budget by the Governor.

The meeting was adjourned at 4:30 p.m.

  
\_\_\_\_\_  
Judith A. Temby  
Secretary

August 25, 1987

E X H I B I T B

## Appendix 2

### SUMMARY OF UWS ADMINISTRATION RECOMMENDATIONS STRATEGIC PLANNING IN BUSINESS ADMINISTRATION

#### RECOMMENDATION 1 - FOCUS: TECHNOLOGY

IN THIS ERA OF RAPID TECHNOLOGICAL CHANGE UW SYSTEM BUSINESS SCHOOLS MUST ENGAGE IN MAJOR COOPERATIVE EFFORTS WITH SCIENTIFIC AND TECHNOLOGY BASED DISCIPLINES (SUCH AS ENGINEERING, AGRICULTURE, BIOLOGICAL SCIENCES, AND COMPUTER SCIENCES). JOINT PROGRAMS, COURSES, RESEARCH PROJECTS, AND FACULTY APPOINTMENTS SHOULD BE ENCOURAGED.

#### RECOMMENDATION 2 - FOCUS: INTERNATIONAL BUSINESS

UW SYSTEM BUSINESS SCHOOLS AND DEPARTMENTS SHOULD, IF THEY HAVE NOT ALREADY INCORPORATED THE INTERNATIONAL DIMENSION IN THEIR CURRICULA, DEVELOP AND IMPLEMENT CURRICULA AND OUTREACH ACTIVITIES TO EDUCATE MANAGERS IN THE OPERATION AND FUNCTION OF INTERNATIONAL BUSINESS. INSTITUTIONS SHOULD DESIGN THEIR CURRICULA IN ONE OF THE FOLLOWING WAYS:

- (1) INTERNATIONALIZING A VARIETY OF COURSES IN THE CORE CURRICULUM,
- (2) DEVELOPING CONCENTRATIONS/SPECIALIZATIONS IN INTERNATIONAL BUSINESS AND ACTIVELY PROMOTING THEM TO STUDENTS.

#### RECOMMENDATION 3 - ENTREPRENEURSHIP

UW SYSTEM BUSINESS SCHOOLS AND DEPARTMENTS SHALL INCREASE THEIR EMPHASIS ON SMALL BUSINESSES BY: (1) INCORPORATING SMALL BUSINESS CONCEPTS THROUGHOUT THE CURRICULUM OR BY DEVELOPING A SPECIALIZATION IN SMALL BUSINESS, AND (2) INCREASING THEIR OUTREACH AND CONTINUING EDUCATION ACTIVITIES (TO THE EXTENT POSSIBLE GIVEN FACULTY RESOURCES).

#### RECOMMENDATION 4 - FOCUS: MINORITIES IN BUSINESS ADMINISTRATION

VIGOROUS RECRUITING AND RETENTION EFFORTS SHALL BE MADE TO INCREASE THE NUMBER OF STUDENTS, GRADUATES, AND FACULTY FROM MINORITY GROUPS IN ORDER TO ACHIEVE THE GOALS SET BY THE BOARD OF REGENTS. WE FURTHER RECOMMEND THAT THE MOST SUCCESSFUL RECRUITING AND SUCCESSFUL RECRUITING AND RETENTION EFFORTS IN BUSINESS ADMINISTRATION IN THE UW SYSTEM SHALL BE USED AS MODELS FOR OTHER SCHOOLS AND DEPARTMENTS.

#### RECOMMENDATION 5 - FOCUS: THE NON-BUSINESS MAJOR

AT LEAST 5% OF INTRODUCTORY COURSE CLASS SPACES IN EACH FIELD ARE TO BE RESERVED FOR QUALIFIED NON-BUSINESS MAJORS.

#### RECOMMENDATION 6 - FOCUS: COORDINATION OF NON-CREDIT OFFERINGS

THE COORDINATION OF NON-CREDIT OFFERINGS BY BUSINESS SCHOOLS OR DEPARTMENTS AND UW-EXTENSION SHOULD BE IMPROVED.

**RECOMMENDATION 7 - FOCUS: QUALITY FACULTY**

THE UW SYSTEM SHALL ADOPT A BLENDED POLICY OF THREE STRATEGIES TO ALLEVIATE THE PROBLEMS OF LIMITED FINANCIAL RESOURCES AND THE NATIONAL SHORTAGE OF DOCTORAL BUSINESS CANDIDATES. THESE STRATEGIES ARE: (A) RECRUITING AND RETAINING AS MANY HIGH QUALITY FACULTY AS POSSIBLE NATIONALLY AT THE MARKET SALARY LEVELS, (B) LIMITING ENROLLMENTS TO THE LEVEL OF QUALIFIED FACULTY PURSUANT TO THE ADMISSIONS AND ENROLLMENT MANAGEMENT GUIDELINES ADOPTED BY THE BOARD OF REGENTS, JUNE 5, 1987, AND (C) RETRAINING EXISTING FACULTY AND STAFF WHO DO NOT HAVE THE APPROPRIATE QUALIFICATIONS. THE UW SYSTEM INSTITUTIONS WILL HAVE TO DETERMINE THE APPROPRIATE MIX OF THESE STRATEGIES BASED ON AVAILABLE RESOURCES.

**RECOMMENDATION 8 - FOCUS: ASSESSMENT AND QUALITY INDICATORS**

NON-ACCREDITED UW SYSTEM UNDERGRADUATE BUSINESS PROGRAMS SHALL MEASURE THE QUALITY OF THEIR PROGRAMS AGAINST THE INDICATORS RECOMMENDED IN THE REPORT OF THE STEERING COMMITTEE FOR STRATEGIC PLANNING IN BUSINESS ADMINISTRATION.

**RECOMMENDATION 9 - FOCUS: ACCREDITATION AND PLANNING**

UW SYSTEM BUSINESS PROGRAMS OFFERING GRADUATE WORK AT THE MASTERS LEVEL IN BUSINESS ADMINISTRATION SHALL BE ACCREDITED BY THE AMERICAN ASSEMBLY OF COLLEGIATE SCHOOLS OF BUSINESS.

**RECOMMENDATION 10 - FOCUS: CURRICULUM AND PLANNING**

EACH UW SYSTEM CAMPUS SHALL ASSESS THE QUALITY OF ITS OFFERINGS AND DECIDE THE ACADEMIC LEVEL AND EXTENT OF THE OFFERINGS (MINOR OR CONCENTRATION, UNDERGRADUATE MAJORS, GRADUATE DEGREES) BEST SUITED TO THE RESOURCES AVAILABLE OR EXPECTED TO BE AVAILABLE.

THE CAMPUS ADMINISTRATION SHALL PRESENT THE PLANS TO THE UW SYSTEM OFFICE OF ACADEMIC AFFAIRS. THE ACADEMIC LEVEL AND EXTENT OF CURRICULAR OFFERINGS SHOULD BE DETERMINED AT THE LEVEL OF AUTHORITY APPROPRIATE FOR THE NATURE OF THE DECISION REQUIRED.

**RECOMMENDATION 11 - FOCUS: DEVELOPMENT OF OUTSTANDING BUSINESS PROGRAMS AND SCHOOLS**

EACH UW SYSTEM BUSINESS SCHOOL AND DEPARTMENT SHALL DEVELOP A BUSINESS PROGRAM OR PROGRAMS THAT WILL ACHIEVE REGIONAL OR NATIONAL RECOGNITION. TO SUPPORT THIS EFFORT, A SYSTEM FUND FOR THE IMPROVEMENT OF TARGETED ACADEMIC PROGRAMS TO NATIONAL DISTINCTION SHOULD BE ESTABLISHED. THERE WILL BE DEVELOPED WITHIN THE UW SYSTEM TOP-RANKED BUSINESS PROGRAMS (SUCH AS MARKETING, ACCOUNTING AND FINANCE) AND A TOP-RANKED BUSINESS SCHOOL OR SCHOOLS.

**RECOMMENDATION 12 - FOCUS: TEACHING EVALUATION**

EACH BUSINESS SCHOOL OR DEPARTMENT SHALL HAVE ITS OWN OR A CAMPUS-BASED STUDENT EVALUATION PROGRAM INVOLVING AN EFFECTIVELY DESIGNED AND TESTED TEACHING EVALUATION QUESTIONNAIRE. THE FORM SHOULD BE USED FREQUENTLY BY ALL PROFESSORS AND ACADEMIC STAFF, BUT DISTRIBUTION OF RESULTS SHOULD BE A DECISION MADE BY THE TOTAL FACULTY OF THE DEPARTMENT OR SCHOOL. OTHER FORMS OF EVALUATION OF INSTRUCTION SHOULD ALSO BE USED.

**RECOMMENDATION 13 - FOCUS: COMPUTING RESOURCES**

THE UW SYSTEM BUSINESS SCHOOLS AND DEPARTMENTS SHALL PURSUE THEIR NEEDS FOR MICROCOMPUTER TEACHING LABORATORIES FOR BUSINESS ADMINISTRATION THROUGH THE REGULAR CHANNELS FOR FUNDING OF LABORATORY MODERNIZATION PROJECTS.

**RECOMMENDATION 14 - FOCUS: BUSINESS ADVISORY COMMITTEES**

EACH UW SYSTEM BUSINESS SCHOOL OR DEPARTMENT OFFERING A MAJOR SHALL HAVE A BUSINESS ADVISORY COMMITTEE, COMPOSED OF A CROSS SECTION OF LEADERS IN THE LOCAL, REGIONAL, AND/OR NATIONAL BUSINESS COMMUNITIES, THAT INTERACTS DIRECTLY WITH THE SCHOOL OR DEPARTMENT. THE COMMITTEE SHOULD HAVE A SIGNIFICANT AND WORKING RELATIONSHIP WITH THE PROGRAM IT ADVISES.

**RECOMMENDATION 15 - FOCUS: ECONOMIC DEVELOPMENT**

UW SYSTEM BUSINESS SCHOOLS SHALL EXPAND FUND RAISING FROM PRIVATE, STATE AND FEDERAL SOURCES TO AUGMENT THEIR EFFORTS TO AID IN THE STATE'S ECONOMIC DEVELOPMENT. THE BUSINESS SCHOOL/DEPARTMENT FUND-RAISING EFFORTS SHOULD BE COORDINATED WITH THE INSTITUTIONAL FUND-RAISING EFFORTS.

**RECOMMENDATION 16 - FOCUS: PLANNING**

OPEN, CONTINUOUS STRATEGIC PLANNING SHALL BE IMPLEMENTED IN EACH UW SYSTEM BUSINESS SCHOOL OR DEPARTMENT AS A SUPPLEMENT TO OR SUBSTITUTE FOR CURRENT PLANNING. THE BUSINESS SCHOOL OR DEPARTMENT STRATEGIC PLANNING MUST BE COORDINATED WITH THE INSTITUTIONAL PLANNING PROCESS.

**RECOMMENDATION 17 - FOCUS: IMPLEMENTATION OF RECOMMENDATIONS**

THE RECOMMENDATIONS APPROVED BY THE BOARD OF REGENTS ARE STRATEGIC PLANNING GUIDELINES TO BE FOLLOWED BY UWS INSTITUTIONS. THE INSTITUTIONS WILL BE REQUIRED TO PROVIDE AN INTERIM REPORT IN SEPTEMBER 1988 ON THEIR PROGRESS TOWARD THE IMPLEMENTATION OF EACH OF THE RECOMMENDATIONS. A FINAL REPORT WILL BE SUBMITTED IN THE FALL OF 1990. IF AN INSTITUTION FINDS A RECOMMENDATION NONAPPLICABLE OR IMPOSSIBLE TO IMPLEMENT, AN EXPLANATION MUST BE INCLUDED IN THE REPORT. THE UWS OFFICE OF ACADEMIC AFFAIRS WILL REVIEW THESE REPORTS TO EVALUATE PROGRESS AND PROVIDE THE REGENTS WITH THE STATUS OF IMPLEMENTATION AND FURTHER RECOMMENDATIONS FOR THE INSTITUTIONS.

**RECOMMENDATION 18 - FOCUS: STATUS OF WOMEN**

A VIGOROUS RECRUITING AND RETENTION EFFORT SHALL BE MADE TO INCREASE THE NUMBER OF WOMEN FACULTY IN ORDER TO ACHIEVE THE GOALS SET BY THE BOARD OF REGENTS.

THE FACULTY OF BUSINESS SCHOOLS AND DEPARTMENTS SHALL EXAMINE AND REVISE THEIR CURRICULA TO INCLUDE THE ROLE OF WOMEN IN THE WORK ENVIRONMENT.

**RECOMMENDATION 19 - FOCUS: CONCEPTS OF BUSINESS ETHICS**

THE BOARD OF REGENTS STRONGLY RECOMMENDS THAT THE UW SYSTEM BUSINESS SCHOOLS AND DEPARTMENTS, IF THEY HAVE NOT ALREADY DONE SO, INCORPORATE THE CONCEPTS OF BUSINESS ETHICS INTO THEIR CURRICULA.



# Board of Regents of The University of Wisconsin System

1860 Van Hise Hall, 1220 Linden Drive  
Madison, Wisconsin 53706  
(608) 262-2324

9/11/87 - Regent - Meetings - Response from Pres. Weinstein to Regent Heckrodt on frequency of Board

September 10, 1987  
meetings, 9/10/87 correspondence on file w/ minutes

### OFFICERS

President  
Laurence A. Weinstein  
P.O. Box 4326  
Madison 53711  
Vice President  
Paul R. Schilling  
815 E. Mason St.  
Milwaukee 53202-4080

To: Regent Frank H. Heckrodt  
From: Laurence A. Weinstein *Law*  
Subject: Frequency of Board Meetings

### MEMBERS

Ruth C. Clusen  
240 Greene Ave.  
Green Bay 54301  
Edith N. Finlayson  
7320 N. Pheasant La.  
Milwaukee 53217  
Ody J. Fish  
P.O. Box 68  
Hartland 53029  
Ness Flores  
308 McCall St.  
Waukesha 53186  
M. William Gerrard  
P.O. Box 1086  
La Crosse 54601  
Herbert J. Grover  
125 S. Webster St.  
Madison 53702  
Camilla R. Hanson  
Box 936  
Mellen 54546  
Paul E. Hassett  
1630 Capital Ave.  
Madison 53705  
Frank H. Heckrodt  
P.O. Box 2399  
Appleton 54913  
Warren P. Knowles  
330 E. Kilbourn Ave., Suite 1150  
Milwaukee 53202  
Ben R. Lawton  
Marshfield Clinic  
1000 N. Oak Ave.  
Marshfield 54449-5777  
Thomas L. Lyon  
100 MBC Drive  
Shawano 54166  
Frank L. Nikolay  
Abbotsford 54405  
John R. Schenian  
123 W. Gilman  
Madison 53703  
Obert J. Vattendahl  
615 E. Michigan Ave.  
Milwaukee 53202

cc Board of Regents  
President Shaw  
Judith Temby  
Enc. September 3, 1987 letter

Judy Temby called me on Friday, September 4, to tell me that you asked for "a detail of the poll" taken of the Regents. The poll was in response to your request made at the July meeting that we give consideration to every other month meetings of the Board.

With the exception of Regent Nicholas, I spoke to every member of the Board. Each were asked their opinion about going to an every other month meeting schedule. I wrote you on September 3 and reported that no Board member was in favor of the idea. My letter fairly summarizes those conversations. In addition, my notes show the following specifics:

Fish: Would be opposed.

Grover: Board does not meet often enough now based on the amount we have to do. Would kill Board's effectiveness. We all knew the commitment when we came on the Board.

Hassett: Leave current meeting schedule alone. Too much work to do.

Lyon: We are being lectured for not taking control as it is.

Vattendahl: No pressing need to change.

Nikolay: When came on the Board, knew the commitment.

### SECRETARY

Judith A. Temby  
1860 Van Hise Hall  
Madison 53706

Schilling: Board does not now meet often enough.

Flores: Current meeting schedule forces Board to focus in on the issues.

Schenian: Board should meet every month.

Gerrard: Leave it alone.

Clusen: Less frequent meetings would make Board members feel more remote.

Davis: Would not change current schedule.

Hanson: Too much to be done.

Nicholas(as reported by Lyon): I believe he said that the work load was too heavy to meet less frequently.

At the July meeting I said that I would check the by-laws. Chapter I, Section 2 provides: "Regular meetings of the Regents shall be held on the Friday following the first Monday in each month, at nine o'clock in the morning unless otherwise specially ordered." {Emphasis added} I would read this to mean that it was contemplated that the Board would meet monthly and cancellations of monthly meetings would not be routine. Based on the amount of work we have to do, I agree.





# Board of Regents of The University of Wisconsin System

1860 Van Hise Hall, 1220 Linden Drive  
Madison, Wisconsin 53706  
(608) 262-2324

## PRESIDENT

Laurence A. Weinstein  
P.O. Box 4326  
Madison 53711

September 3, 1987

## VICE PRESIDENT

Paul R. Schilling  
815 E. Mason Street  
Milwaukee 53202-4080

## SECRETARY

Judith A. Temby  
1860 Van Hise Hall  
Madison 53706

TO: Board of Regents

From: Laurence A. Weinstein

Subject: Frequency of Board Meetings

At the July meeting, Regent Heckrodt asked that we consider going to a less frequent meeting schedule, perhaps every other month.

Since the July meeting, the entire board has been polled, with the exception of Regent Heckrodt.

None of the board members polled wish to reduce the number of board meetings. Board members told me that fewer board meetings could create the impression that the board was less in charge, would require the Executive Committee to act in the board's absence, would tend to leave regents less in touch with the issues, and the board's agenda is so full that it should not meet less frequently. I agree.

0421X

cc: President Shaw  
Executive Vice President Lyall  
Vice Presidents  
Secretary Temby

*file*



# Board of Regents of The University of Wisconsin System

1860 Van Hise Hall, 1220 Linden Drive  
Madison, Wisconsin 53706  
(608) 262-2324

July 14, 1987

## OFFICERS

President  
**Laurence A. Weinstein**  
P.O. Box 4326  
Madison 53711  
Vice President  
**Paul R. Schilling**  
815 E. Mason St.  
Milwaukee 53202-4080

**President Kenneth A. Shaw**  
UW System  
1720 Van Hise Hall  
Madison, WI 53706

Dear Buzz:

## MEMBERS

**Ruth C. Clusen**  
240 Greene Ave.  
Green Bay 54301

**Edith N. Finlayson**  
7320 N. Pheasant La.  
Milwaukee 53217

**Ody J. Fish**  
P.O. Box 68  
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308 McCall St.  
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Milwaukee 53202

## SECRETARY

**Judith A. Temby**  
1860 Van Hise Hall  
Madison 53706

While it is fresh in my mind, I want to respond to the suggestion by Frank Heckrodt that the regents meet every other month.

1. The regents meet ten times a year. In discussing the idea with committee chairs, they expressed the belief that less frequent meetings would make the work of the committee chairs more difficult in that it is easier to stay abreast of the issues with our current meeting schedule.

2. While it may be true that the Physical Planning and Development Committee had a one-hour agenda this month, the full board met for two hours in the morning and two more hours in the afternoon to review Future Study resolution implementation and the operating budget. We deliberately kept the committee agendas short so people could have a breather between adjournment and the evening's activities.

3. I believe it facilitates the work of the vice presidents to have regent input on our current schedule, rather than having to wait two months.

4. I'm afraid that if we went to a less frequent schedule, out-of-town regents would have to come to Madison on Wednesday night. Under normal circumstances, we do not start the regular committee meetings until after lunch on Thursday.

5. A less frequent schedule would require vesting more power in the Executive Committee, which I would not favor, since some group would have to act on the board's behalf in the board's absence. In the alternative, I'm afraid we would be calling special meetings every other month and it would be difficult for board members to plan their calendars not knowing when special meetings might be called.

6. I heard from one regent that less frequent meetings would impair the board's current sense of cohesion which results from working together more frequently.

President Kenneth A. Shaw  
July 14, 1987  
Page two

7. As far as other boards are concerned, such as the Hospital Council of Trustees, HEAB and ECB, there normally has been no conflict of schedules. The Council of Trustees schedules its meetings on the Thursday morning of regent committee meetings, which reduces the travel requirements of regent members.

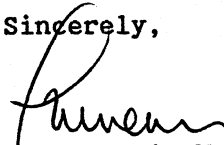
8. I've also discussed the matter with the board secretary who notes that more frequent scheduling produces a more manageable paper flow than would be the case if agenda materials were produced on a bi-monthly basis.

9. With bi-monthly meetings, committee and board meeting times could be expected to double in length, which would strain the energies of regents and staff.

10. Last, but not least, the Governor has said publicly that he favors a strong board that is "in charge." It would send the wrong message if our response to that charge was to have the board meet less frequently.

I would be anxious to have your thoughts on the subject.

Sincerely,



Laurence A. Weinstein  
President

1040Z

cc: Regent Vice President Schilling

9/11/87 III-1

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

A. On signature of the Vice President for Physical Planning and Development, the following lease agreements have been renewed:

✓ UW-Stout - Bldg & Land - Renewal of lease for parking

- 1. with Donna Senn, Menomonie, for the period September 1, 1987 through August 31, 1988. The agreement is for use of Lot 4 in Block C, Riverside Drive, City of Menomonie, by UW-Stout students for parking motor vehicles. The university will pay \$1,150 for this use.

→ Nonpers. Item A.1. ✓ Bldg & Land - Renewal of lease

- 2. With the Madison School District for space located at 1601 N. Sherman Avenue <sup>for</sup> the site of the Habilitational Services Program, a cooperative program of the UW-Madison Waisman Center and the State's Department of Health and Social Services. The renewal covers the period July 1, 1987 through December 31, 1987 and includes two one-year renewal option periods from January 1, 1988.

→ Nonpers. Item A.2.

✓ Bldg & Land - Collector's agreement with Forest Products Lab

B. The Vice President for Physical Planning and Development has executed a Collection Agreement (FP-87-0967) with Forest Products Laboratory. This Agreement authorizes the advanced payment of \$38,000 by the UW-Madison to Forest Products Laboratory for the survey and redesign of the HVAC systems in the leased buildings at 502-504 North Walnut Street, Nonpers. Item B

✓ X ref Walnut Street - (same)

C. The President and Secretary of the Board have executed necessary documents to authorize the Wisconsin Army National Guard to provide UW-Platteville with engineering assistance associated with leveling two sites on campus for future expansion of physical education and athletic fields, the Board approved this activity at the April 11, 1986 Board meeting.

✓ UW-Platteville - Bldg & Land - Agreement for national board survey

→ Nonpers. Item C

D. The UW-Madison Acting Chancellor and the authorized officer of the National "W" Club have executed a Use Permit to provide temporary access to University-owned land for purposes of constructing the McClain Indoor Athletic Practice Facility. Such a Use Permit was authorized by the Board at its March 11, 1986 meeting.

✓ Camp Randall - Approval of Use Permit for access during construction of McClain Athletic Gymnasium - (same)

→ Nonpers. Item D

X ref ✓ The UW-Madison Vice Chancellor for Administration executed an agreement with Drum Corps International, Inc. providing for use of Camp Randall Stadium during the period August 10-15, 1987 for the Drum Corps International World Championships. Similar agreements were entered into in 1985 and 1986. The basic facility charge will be \$43,000, with additional actual charges assessed for special services and equipment. These costs are estimated at \$57,000.

✓ Camp Randall

- Agreement with Drum Corps International for use of stadium 8/10-15/87, Nonpers. Item E

F. The UW-Madison Vice Chancellor for Administration has signed Certifications which accompanied the license application to the Wisconsin Department of Natural Resources for the University's hazardous materials storage facility at 2120 Herrick Drive. The facility has an interim license from both the Environmental Protection Agency and the DNR. The DNR has assumed authority for regulating hazardous waste in the state and requires facilities that store hazardous wastes more than 90 days to obtain a license under NR 181 of the Wisconsin Administrative Code.

✓ Natural Resources - Lab Dept - License w/ DNR to store hazardous waste material at 2120 Herrick Drive, Nonpers. Item F

✓ X ref Hazardous Waste - (same) ✓ X ref Bldg & Land - (same)

Experimental Stations - Lease Agreement

G. ~~A lease agreement for the UW-Madison Agricultural Research Center Dairy Farm Residence #1 at the Arlington Agricultural Research Station, has been executed by the Vice Chancellor for Administration. The lessor, Jerry Guenther, replaces Robert F. Elderbrook. The monthly rental rate of \$173 continues and has been prepared consistent with the rental rate methodology established by the Joint Committee on Finance.~~ *Nonpara Item G*

Experimental Stations -

H. ~~Lease agreement for the UW-Madison Hancock Agricultural Research Station, has been executed by the Vice Chancellor for Administration. The monthly rental rate of \$166 continues and has been prepared consistent with the rental rate methodology established by the Joint Committee on Finance.~~ *Nonpara Item H*

UW-Stevens Point - Bldg + Land - Renaming of

I. ~~Upon the recommendation of the UW-Stevens Point Chancellor, the Home Management House has been renamed the "American Suzuki Center"~~ *Nonpara Item I*

Very Naming of Bldg - (same)

J. On signature of the officers of the Board, an easement has been granted to the City of Madison for the location of a bus shelter at North Mills and West Dayton Streets. This shelter improvement will serve the University's needs in this area of the campus and provide a substantial benefit to the University community and was executed under the general authority granted by Resolution 518 (June 8, 1973).

Bldg + Land - Easement to city of Madison for bus shelter at N. Mills & W. Dayton Streets, Nonpara Item J

K. ~~On signature of the UW-Madison Vice Chancellor for Administration, a "Permit for Use of University Land" has been renewed with Mr. William O'Brien, who operates a business adjacent to a university parking lot. This permit provides for limited use of the University parking area during the days of the University's 1987 home football games and the Packers' August 22 game and is intended to alleviate problems created by patrons of his business interfering with the free flow of pedestrian and vehicular traffic on Monroe Street before and after the games.~~

Parking - Renewed by

*for parking at 1987 home football games, Nonpara Item K*

L. ~~Health Care Education Experience Program has been executed between the University of Texas Health Science Center at San Antonio and the Waisman Center on Mental Retardation and Human Development. The purpose of the program in occupational therapy is to develop qualified professionals in the field of occupational therapy to serve the needs of the profession and the community. The Program Agreement is from year-to-year unless terminated by either party giving 6 months advance written notice.~~ *agreement with*

Waisman Center -

M. ~~An Agreement for Fieldwork has been made and entered into between the Waisman Center and the Division of Occupational Therapy, Department of Rehabilitation Medicine, University of Washington. Whereas, the Center has facilities for fieldwork and observation for student of said Occupational Therapy Education Program and is willing to allow the University of use such facilities for the benefit of the student in the program. The agreement shall continue in effect on an indefinite basis subject to termination of any time upon written notice by either party to the other party 30 days prior to the termination date.~~ *with*

Waisman Center -

*Nonpara Item M.*

N. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
✓ Lynn Z. Bloom	"Telling Secrets: Modes of American Childhood Autobiography"
✓ Suzanne Bunkers (Editor)	THE DIARY OF CAROLINE SEABURY, 1854-1863
✓ Elaine Combs-Schilling	"Sacred Performances: Islam and Political Authority"
✓ Lawrence S. Dembo	THE MONOLOGICAL JEW: A Literary Study
✓ Martha Fineman	THE POLITICS OF CUSTODY: <u>Law Reform and the Failure of the American Political Ideal</u>
✓ Deno J. Geanakoplos	CONSTANTINOPLE AND THE WEST: Essays on the Late Byzantine and Italian Renaissance and the Byzantine and Roman Churches
✓ Brunilde S. Ridgway	HELLENISTIC SCULPTURE I: <u>The Styles of 331-200 B.C.</u>
✓ Robert F. Sayre	THE EXAMINED SELF: Benjamin Franklin, Henry Adams, Henry James
✓ Daniel B. Shea, Jr.	SPIRITUAL AUTOBIOGRAPHY IN EARLY AMERICA

IV. REPORT OF ACTIONS TAKEN BY THE DEPARTMENT OF ADMINISTRATION/DIVISION OF STATE FACILITIES MANAGEMENT ON SMALL PROJECTS AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

MAY 1987

UNIVERSITY	PROJECT	ACTION
1. UW CENTERS		
Richland County:	Requests allotment of \$48,259 for a 1985-87 Six Building Roof Insulation project, using 1985-87 General Fund Supported Borrowing - Energy Conservation Program funds.	DEFERRED for consideration and action by State Building Commission.
	* * *	
Waukesha County:	Requests authority to plan, bid and/or solicit proposals, and construct a 1985-87 Energy Management System project, for an estimated total project cost of \$85,900 of 1985-87 General Fund Supported Borrowing - Energy Conservation Program funds.	DEFERRED for consideration and action by State Building Commission.
	* * *	
Rock County:	Requested authority to plan, bid, and/or secure proposals, and construct the 1985-87 Chiller Tube Cleaning Machine project, for an estimated total project cost of \$1,233, 1985-87 General Fund Supported Borrowing - Energy Conservation Program funds.	APPROVED.
2. UW-EAU CLAIRE:	Requests authority to plan, bid, and construct a 1985-87 Maintenance/Central Stores - Paint Shop Lighting Revisions project, for an estimated total project cost of \$15,500, 1985-87 General Fund Supported Borrowing - Health, Safety and Environment funds.	APPROVED using \$15,500 BTFC-HS&E.