



# **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: February 8, 1991. 1991**

Madison, Wisconsin: Board of Regents of the University of Wisconsin System, 1991

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

February 8, 1991

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, February 8, 1991  
9:00 a.m.

- President Lyon presiding -

PRESENT: Regents Davis, Doughty Luckhardt, Dreyfus, Flores, Gelatt,  
Gundersen, Hassett, Krutsch, Lyon, Nicholas, Schilling, Steil,  
Vattendahl, Vos and Weinstein

ABSENT: Regents Clusen and Grover

Approval of the Minutes

Upon motion by Regent Steil, seconded by Regent Vos, the minutes of the December 7, 1990, meeting of the Board were approved as distributed.

REPORT OF THE PRESIDENT OF THE BOARD

Congratulations to Regent Adolf L. Gundersen

Regent President Lyon extended congratulations on behalf of the Board to Regent Gundersen, who recently had been awarded the Greater La Crosse Chamber of Commerce's highest honor--the Chairman's Award--for the outstanding contributions he had made to enhancement of the quality of life. He was honored, particularly for his significant contributions to quality medical care and to education.

*✓ Gundersen, Regent Adolf L. - Congratulated for receipt of  
The Chairman's Award from  
La Crosse Chamber of Commerce  
P. 1*



*Hospital - Council of Trustees - update on financial condition + plans, pp 2-3*

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

Summarizing the previous day's Council meeting, Regent Gundersen noted the resignation of Trustee Eugene O. Gehl, Madison. Nomination of a successor will be submitted in the near future.

It was reported by Superintendent Derzon that financial results for the first six months of the 1990-91 fiscal year had been very favorable, with a net income of more than \$15 million resulting from net patient revenue which exceeded the budget by 13.5 percent. The favorable results were a direct consequence of increased admissions, which were 7.8 percent over budget, and increased outpatient visits, which were 6 percent over budget. Finance Director Peter Christman added that the Hospital recently had experienced its highest patient volume since July 1982.

Mr. Derzon reported smooth progress of the Hospital's several construction projects, including the new ambulatory surgery facilities, which will free space for conversion to inpatient facilities.

The Council heard from Steven Weber, Ph.D., Assistant Professor of Neurology and Director of the Wisconsin Sleep Disorders Center, who described the multidisciplinary team of specialists who diagnose and treat a wide variety of sleep-related behavior disorders, including narcolepsy and sleep apnea; circadian rhythm disorders such as those experienced by shift workers or people who work at night; and other unusual conditions such as chronic behavioral disorders of REM (rapid eye movement) sleep. Dr. Weber said the Sleep Disorders Center expects a 20-30 percent increase in activity during the current fiscal year and is hoping to add two more patient beds.

Dr. Jay Noren, Vice Chancellor for Health Sciences, gave a report to the Council on plans for construction of a new module for Medical School Departments of Rehabilitation Medicine and Psychiatry, which will provide 13,000 square feet of space in an area that otherwise would have been an outdoor courtyard beneath the new Trauma and Life Center (TLC). Because the TLC area requires structural support, the area can be enclosed during the same construction period, resulting in 50 percent savings compared to usual costs. About half the \$2.9 million project will be paid for by Hospital program revenue, with the remainder paid by the Medical School Departments of Psychiatry, Rehabilitation Medicine, and Neurosurgery.

Dr. Noren also provided an update on Center for Health Sciences relationships to Milwaukee educational programs. Following two years of negotiations with Aurora Health Care, owners of Sinai Samaritan Medical Center in Milwaukee, the Medical School is in the process of phasing out its affiliation with Sinai Samaritan, which for 16 years has provided education opportunities for medical students, residents and fellows, while offering important clinical services in Milwaukee's inner city. Because of shortfalls in Medicare/Medicaid reimbursements, and Aurora's inability to support the Medical School programs at a sufficient level, the affiliation must now be restructured. Dr. Noren reported that intensive negotiations are under way for a new affiliation relationship.

Dr. Noren also clarified recent published reports regarding comparative levels of state support provided to the UW Medical School and to the Medical College of Wisconsin. While both medical schools receive state support, UW Medical School receives more state funding, principally because the Medical College of Wisconsin is a private institution, not a part of the University of Wisconsin System.

It was reported that the Hospital recently received notification of full three-year accreditation by the Joint Commission on Accreditation of Health Care Organizations, a very positive distinction received by only a minority of hospitals in the country. Details of the Joint Commission accreditation report will be reviewed at the April Council meeting.

*Hospital - Council of Trustees - Approval of Bylaws revision, R 5687, p. 3*

Revision of Bylaws, Council of Trustees of the UW Hospital and Clinics

Presenting proposed revisions to the Council bylaws, Regent Weinstein explained that the amendments would change the number of trustees from eight to a minimum of eight and a maximum of twelve, the purpose being to enable the Board of Regents at its discretion to increase the number of trustees in order to provide better geographic representation. One half or a majority of the Council is to consist of Regents. Other changes responded to an accreditation requirement as to the role of the Council in monitoring quality control programs.

Upon motion by Regent Weinstein, seconded by Regent Flores, the following resolution was adopted unanimously by the Board of Regents.

Resolution 5687: That, upon the recommendation of the President of the University of Wisconsin System, the Chancellor of UW-Madison, and the Council of Trustees of the UW Hospital and Clinics, the revisions to the bylaws of the Council of Trustees of the UW Hospital and Clinics be approved as proposed.

*VTAE - Report by President of VTAE Board on financing, p. 3*

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

Regent Hassett, President of the State VTAE Board, supplemented his written report by noting first a review of the state aids system, which provides about 30 percent of the VTAE school funding. All 16 institutions were objecting to the existing distribution formula.

Regarding the Governor's budget, the VTAE System had requested a 7.2 percent increase but received 2.5 percent plus minority funding and some special funds for economic development. The System had received a report showing that in the preceding year the VTAE schools had 4,907 economic development contracts, affecting 75,276 employees.

Regent Hassett also noted that students are requesting membership on the State VTAE Board.

## REPORT OF THE PRESIDENT OF THE SYSTEM

Report of Nonpersonnel Actions

Resolution 5688 was unanimously adopted upon motion by Regent Schilling and seconded by Regent Vos.

Resolution 5688: 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.

*✓ Presentations - Presentation on*  
~~Presentation: Consortial Nursing Program - UW-Milwaukee/UW-Parkside~~, pp 4 - 6

Noting that this accelerated 18-month nursing program for those students already holding baccalaureate degrees exemplifies recent innovations made in nursing programs, the impressive spirit of cooperation being shown in terms of articulation and encouragement for the nursing field, President Shaw introduced UW-Parkside Chancellor Kaplan.

Chancellor Kaplan stated that the UW-Milwaukee/UW-Parkside Consortial Nursing Program quells thoughts about program duplication and lack of System institutional cooperation and career ladder opportunities for students. Established in 1979, the Program provides opportunity for students at UW-Parkside to complete a nursing degree by taking general education, science and professional nursing courses offered at UW-Parkside by the faculty of UW-Milwaukee; and the quality of the program is verified by the 100 percent pass rate of graduates on the state board examinations. Another recent agreement has been signed with Gateway Vocational and Technical College, to permit graduates of the two-year Gateway Nursing Program to move into the UW-Parkside/UW-Milwaukee Consortial Nursing Program without a loss of credit, thus providing a career ladder from Gateway all the way through a degree from UW-Parkside and UW-Milwaukee. This demonstrates the prudent use of institutional resources. The Chancellor then introduced Dr. Joan Wilk, of the UW-Milwaukee Nursing School, who serves at UW-Parkside as the Program's coordinator.

Dr. Wilk, a UW-Milwaukee Associate Professor, said that this program grew out of a response to a community need because, when the program began in 1979, there was a severe shortage of nurses in Kenosha, Racine and Walworth counties; and closing of the St. Luke's Hospital School of Nursing in Racine at that time made the problem appear even more acute. Prior to installation of this Program, students desiring baccalaureate degrees in nursing had to leave the community to find nursing programs, rarely returning once their education was complete.

Legislators, university administrators and nursing faculty all agreed to this program, which makes it possible for the students to enroll in the UW-Milwaukee School of Nursing, take their classes at UW-Parkside and perform all clinical work in the Kenosha, Racine and Walworth area. The UW-Parkside faculty teach pre-nursing courses and the UW-Milwaukee School of

Nursing faculty travel to UW-Parkside to teach the nursing and clinical courses. This keeps students in one place, with the program revolving around them. A less acute nursing shortage remains because of the 170 graduates of this program.

Speaking for the program, Debbie Keefer, a 29-year-old senior nursing student, explained that she is married with two children. Firmly rooted in Bristol in Kenosha County, she said that this May she will graduate from a class of approximately 60 nursing students, 40 from UW-Milwaukee and 20 from UW-Parkside. Her classmates' average age is the same as hers, they have been in the Program approximately four-five years, and 25 percent of them are married with children. If patterns of the graduates since 1983 continue, seven percent will work within Kenosha, Racine and Walworth Counties and about half will be employed in acute care settings, with a little less than half employed within the community settings. If this program did not exist at UW-Parkside, Ms. Keefer said, she would not have been able to further her nursing education, because it would have been impossible to leave her family to commute to Milwaukee.

Heidi Pflugrad explained that she had graduated from Gateway Technical College and now works as a registered nurse while enrolled in the Program. Married with an eight-month-old baby, she will graduate in May with a baccalaureate degree in nursing that she feels will enable her to take advantage of career opportunities over a lifetime. She, too, feels that she could not have succeeded if this program had not been available in her home area.

Dr. Norma Lang, UW-Milwaukee Dean of the School of Nursing, lauded the Program for making a nursing career accessible, and she paid tribute to those who work to make it the success that it is: faculty, administrative staff and System Administration.

In reply to questions from Regent Vos on the nursing shortage, Dr. Lang stated there still remains a critical shortage, not only in the Racine/Kenosha area, but in the entire state. Recent publicity has helped to encourage participation in this Program among university graduates who majored in other fields.

Regent Davis asked about the statistics that show a shortage of nurses and at the same time show 500,000 more associate degree nurses than needed by the year 2000.

Stating that is the current prediction, Dr. Lang explained that, because of the increasing complexity of patient care, the use of baccalaureate-degree-prepared people will become a necessity.

Regent Hassett asked what salaries could be expected by a baccalaureate degree nurse, and Dr. Lang answered that, after three or four years, they could expect to earn between \$25,000-\$35,000, with increases to \$35,000-\$50,000 or more, depending on the level of responsibility.

Regent Gundersen expressed his concern for filling nursing positions during variable hours and nights, but he thought the ladder concept for credit transfer was absolutely essential to nursing.

President Lyon thanked the presenters for the interesting program.

✓ Students  
Campus Changes Due to the Persian Gulf Conflict, pp 6-7

President Shaw reported that students called to active military duty receive a 100 percent refund of all fees, except for room and board. If the student is called to active duty before the beginning of the academic term, 100 percent of the room and board fee also is refunded. After the beginning of the term, the refund is prorated, based on the unused portion of the fee.

(Xref) Persian Gulf Conflict - (Lans)  
In the classroom, faculty members are working individually with affected students to provide them with reasonable alternatives for completing their work and receiving grades.

Special steps are being taken to maintain open lines of communication with the students and their families by, for example, sending letters to students who were called to active duty and to their families, and by sending them a gift package and greeting cards that can be completed and sent home to their families.

UW-Madison and other campuses are providing individual and group counseling for affected students and family members. The campuses also are sensitive to the need to protect Middle Eastern students from potential harassment.

University faculty and staff who have been called up also have received special attention. During his State of the State address, Governor Thompson announced that state and university employees will be eligible for up to two months of full salary and continued state support of full health benefits for up to one year.

Most international programs are continuing, including those in Israel. In a typical year these programs serve about 2,500 students in 63 countries. Students in UW programs abroad are being advised to take additional precautions, and have been given the option either of continuing their studies or returning home. They also have been assured that financial and other adjustments will be made for those electing to discontinue their study-abroad programs as a result of the war. UW-Eau Claire had cancelled its program in Rosenheim, Germany. A joint program of UW System schools at Edinburg, Scotland, will continue, although 10 of 61 students had dropped out because of the war.

President Shaw had communicated to the campuses and to the general public five fundamental principles that must be acknowledged and respected: (1) the university must be a place where all issues can be discussed; (2) to allow for individuals to pursue and speak the truth as they see it, institutional neutrality must be maintained; (3) strong dissent and protest are an accepted part of the democratic process, and it should be expected

that such expressions will occur on our nation's campuses; (4) while permitting dissent and protest, the university community must encourage its members to obey campus policies and local, state and federal laws; and (5) the university's commitment to its ongoing responsibilities of teaching, research and public service must continue regardless of war or other external conflicts.

President Shaw stated gratification for the way that UW System institutions have responded to the special circumstances created by the war. He also was pleased that the five principles have been embraced widely by campus leadership, with a firm resolve throughout the UW System to maintain a strong and steady course in serving the educational needs of students and the larger society.

*Legislative Reports - Need to streamline operations in statutorily mandated reporting, p. 7*

#### Streamlining of Operations

President Shaw noted that tight fiscal times in the 1990s will require examining all operations to get the most from available time, people and resources. While expectations for high performance and quality must not be lowered, the scope and number of functions might well have to be reduced.

Examination of streamlining in System Administration and Board activities included: (1) streamlining data collection and reporting; (2) reducing the volume of paper produced for Board agenda materials and System communications with the institutions; and (3) delegation and increased flexibility in handling some routine tasks now carried out centrally.

*Regent - Meeting*

The review was to include the 40 statutorily required reports and the 58 reports required by this Board each year, to identify ways that these might be consolidated, modified or eliminated. Beginning in March, monthly gifts and grants lists will go only to Regents and selected others, ~~for a~~ saving of about \$400 per month.

*fwagundes*

*Reg. 3/91, p. 7*

#### Review of 1991-93 Governor's Budget, pp 7-9

*Governor -*

President Shaw reported that, overall, the Governor's budget increases GPR spending by less than one percent in the first year and 6.3 percent in the second year of the biennium. Within this amount, 27 of the 50 state agencies took base GPR cuts in the first year. Forty five of the 50 were held below inflation in the first year and 27 of 50 in the second year. The UW System is among those held below the rate of inflation.

The UW System received a 1.4 percent GPR increase in the first year, and an additional 1.1 percent in the second year. However, taking into account a forced lapse of 5 percent of GPR supplies, expense and equipment funds, the increase is reduced about 1 percent in both years.

*(Xref Budget - (see -))*

The Governor funded a portion of the UW System's top priority, providing a 1 percent catch-up increase in the second half of the second year of the biennium for faculty and category B academic staff. This is about 20 percent of the biennial need of 4.8 percent.

The only other items funded in the enrollment-driven category of the Board's budget request were \$6.4 million of the \$11.9 million of the Engineering and Technology initiative; the UW-Madison increase in nonresident undergraduate fees to cover improvements in undergraduate education; and the Law School fee increase. All these initiatives, including catch-up, would be totally funded by fees, with no GPR contribution. The engineering initiative would be funded by a fee increase for all students--not just those in engineering. No other enrollment or service category items were funded.

Program revenue requests are funded in part, primarily to cover inflation. The Hospital is granted only an inflationary increase; auxiliary operations received funding for approved buildings coming on-line but no programmatic increases. Gifts and grants are funded at the level requested. Extension program revenue is largely funded. While the program revenue for remedial education is funded, the existing GPR positions and base dollars for current remedial efforts are taken from the base budget.

The GPR one percent increase is in cost-to-continue items, such as funding for the final installment of 1989-91 catch-up, fringe benefit cost increases already incurred, and debt service for already authorized building projects.

In addition, the Governor's budget contains a number of base budget cuts, some of which evidently are one-time reductions. First, \$5.4 million GPR/Fees in turn-over savings is removed from the base for the 1991-92 year, but is built back in for the second year. Second, a 5 percent annual forced lapse is required from the GPR base for supplies and expenses and for permanent property. Third, a special 2.5 percent reduction, or \$200,000 annually, is made to the System Administration GPR base.

On the national level, numerous university systems around the country are facing either zero increases or sizeable base cuts, such as the Massachusetts System, which had to take two 4 percent cuts within a month and lay off a considerable number of staff. Virginia institutions already have had two base budget cuts this year. In California, annual base budgets took a 2 percent cut in August, and tuition was raised 10 percent. Florida is expected to order a 3 percent spending cut.

President Shaw then outlined his initial reactions to the budget situation. First, the budget level presents serious concerns and challenges, which will be reported to the Board in March. Second, he was pleased that the Governor's budget message acknowledged the quality of UW System programs and the need to continue to emphasize quality and maintain the state's investment in the UW System. Third, it would be premature to go into more detail on the budget at this point because there had not been time

to conduct an extensive analysis. Fourth, he intended to present to the Board in March a specific analysis of each item affecting the UW System. His intention is to effectively respond to a difficult situation--not to create a crisis. Fifth, his March analysis will be based on the planning document which the Regents approved as part of the November biennial budget request. That plan emphasized the principle of preserving quality first and foremost. Guided by that principle, the effort would be to avoid personnel lay-offs and program disruptions and to provide as much student access as possible within available resources.

In response to a question by Regent Weinstein, President Shaw indicated that the student share of the total cost would go up slightly under the Governor's budget.

Regent Weinstein commented that the whole issue of program evaluation should be revisited, since what was decided several years ago might no longer be relevant in view of current budget constraints.

✓ Supplies & Expense Task Force -- Regents

#### REPORT OF THE REGENT TASK FORCE ON SUPPLIES AND EXPENSES FUNDING

Adoption of Recommendations, R 5689, pp 9-14

Regents Gelatt and Steil, Co-Chairs, presented the report.

Regent Gelatt began the presentation by noting the Task Force had been established in July, 1990, by Regent President Lyon to examine supplies and expense items in UW System. The mandate of the Task Force was to examine in a thorough, systematic, and objective manner the supplies and expense needs and ways for addressing those needs in a more efficient, cost-saving manner.

Chaired by Regents Gelatt and Steil, the Task Force was composed of representatives from the UW System, the Department of Administration, the Legislature, and the private sector.

On behalf of Regent Steil and himself, Regent Gelatt expressed appreciation to the Task Force and to the Working Group for the time and attention they gave to this effort. The accompanying final report and technical report were approved unanimously by the Task Force.

Regent Gelatt then described the methodology of the Task Force and the background of its establishment, which grew out of the difficulty in assessing S&E needs and a concern that S&E needs were not being fully met.

The category of supplies and expenses is defined as encompassing salaries, fringe benefits, and permanent property items. Because it includes a wide range of diverse expenditures, there is no single methodology for assessing the budget requirement that can be applied to the category as a whole. In addition, S&E needs and priorities fluctuate as the environment changes. The problem of assessing S&E needs in the System is



additionally compounded by the level of funding directed to S&E in recent years. In the most recent biennia, the UW System has placed a higher priority on salaries than other areas. During the same period, the increase for the S&E category in the biennial budgets approved by the Legislature and the Governor were less than the rate of inflation and less than the Regent request. For these and other reasons, S&E needs went unmet and an S&E deficiency has evolved.

The methodology of the Task Force was first to select what portion of the S&E budget to consider, and it was decided to include both GPR and other funded portions of S&E. Secondly, the Task Force chose to exclude the Hospital and auxiliary operations from consideration. With those exclusions, the annual S&E budget is approximately \$200 million.

The Task Force focused attention on ten subcategories, which were chosen on the grounds that there may be either pressing unmet needs or real opportunities for savings in these areas: classroom and lab supplies; maintenance of buildings and grounds; repair and maintenance of data and word processing equipment; travel; postage and mail services; telephone and telecommunications; repair and maintenance of equipment other than telephone and telecommunications; printing; professional services; and data and word processing services and software. Expenditures in these ten subcategories comprise about 70 percent of the total S&E expenditures.

At an early stage in its deliberations, the Task Force found that general management policy and budget allocation decisions at three different levels affect the end use of S&E funds: (1) the allocation of funds between S&E and other budget areas; (2) the budget allocations made by System Administration and the Board among the UW institutions; and (3) the local campus budget allocations to the different departments and operating units. Given the importance of this allocation process, the Task Force broadened its examination to look at general management and budgetary allocation practices as well as the ten S&E categories.

While the Task Force developed a number of management recommendations and recommendations regarding specific S&E categories, the majority of the Task Force members considered one of these recommendations to be particularly important. In the long run, this measure has the potential to produce profound changes in productivity, cost savings, and improvements in quality. Management practices of the UW System and state government regulations were considered important to create a framework that encourages employees at all levels to identify and initiate measures that enhance the operation of the university by reducing costs, raising productivity, and/or improving the quality of services. The Task Force recognized the depth of knowledge and expertise of UW employees at all levels and considered it important that this resource be tapped to help design ways to strengthen the organization. For these reasons, the centerpiece recommendation of the Task Force was:

the formation of a management philosophy that supports the establishment of user teams at each UW institution to identify and institute improvements in specified areas.

Noting that the private sector has had considerable experience with this user team management approach, Regent Gelatt introduced Robert Bush of Schreiber Foods, and a member of the Task Force, to describe his experience with application of this management philosophy at his firm.

Mr. Bush began by stating that the user team approach would be an effective means of addressing budget problems, which are similar to fiscal problems that many industries have confronted. Those that have survived have adopted this concept of employee empowerment, which means giving every single employee in the organization an opportunity to help improve efficiency, reduce costs, and improve quality. His company is in a much better position today than five years ago, solely for this reason. He then provided several examples of remarkable productivity improvements effected by the employee empowerment approach.

Employee empowerment means giving the employees the tools they need to determine the problems and to use their intelligence to solve them. It means turning for answers to the people who actually are doing the jobs, not to managers or consultants.

In closing, he emphasized that this type of program is not a quick nor easy fix. It takes a long time and much training to change a culture. However, on the basis of his experience, he felt a ten percent cost reduction would be possible by use of such a program in the UW System.

In reply to a question by Regent Nicholas, Mr. Bush explained that the key incentive is employee recognition.

Regent Davis commented that it will take more than a management philosophy to make the program work. It will take cooperation from the state as well in the form of refraining from demotivating employees by taking back the savings that are generated. He also thought the degree of empowerment granted to university managers by statute would have to change, since it would be difficult to empower people at a lower level if it is not also granted to those at a senior level.

Regent Weinstein commented that in some areas departments should not continue to operate independently, and that consultants will be needed. For example, money could be saved on travel by scheduling conferences in such a way as to take advantage of reduced air fares on certain days of the week. While he agreed with the need for consultants, Mr. Bush cautioned against bringing them in to solve the problem. Instead, their purpose should be to give employees the understanding they need to solve the problem themselves.

Regent Vattendahl commented that it was comforting to see top management coming to the realization that the people doing the job know more about it than a manager who has never done it. In his experience, there were two keys to success. One is that consulting is needed to adjust from the authoritarian system and overcome resistance to change. Secondly, word empowerment must mean just that. Ideas must be implemented unless they can be proved wrong.

For this philosophy to be successful, Regent Gelatt stated, it must be endorsed by the Board and by President Shaw, and must be accepted by the entire System. To be successful in operating with restricted budgets, it will be necessary to make use of all of the talent of the System. While there was a temptation for the Task Force to set rules to save money, the members came to the realization that the people who best know the job should make those decisions.

Recognizing, however, that implementation of this program will take years, the Task Force made a number of recommendations for shorter term changes.

Regent Steil reported the Task Force conclusion that there are serious unmet supplies and expense needs at UW institutions. The second major management recommendation calls for development of a long-range plan to address not only the current deficiencies, but ones that are bound to appear in the future.

One area of acute unmet need that should be addressed in the long-range plan is the area of classroom and laboratory supplies. Lack of adequate resources in this area directly impairs the ability of the university to carry out its instructional mission, as students face inadequate, inoperable, and obsolete classroom equipment. Specifically, the Task Force recommended:

that the UW develop a long-range plan for redressing the S&E deficiency by doing further technical work to estimate the deficiency; to establish at each institution long-range plans for S&E replacement and procurement needs consistent with program goals; and develop a plan to eliminate the S&E deficit through a combination of GPR, base budget reallocations, and cost efficiencies.

The third management recommendation, Regent Steil continued, relates to budget allocation policies. The current environment of limited resources makes it particularly important that systemwide higher priority needs be funded before lower priority needs. The Task Force concluded that it is important for the UW System to continue, to the extent possible, expanding base budget reallocations for this purpose. Likewise, the Task Force concluded that any new budgetary funds should be allocated among UW institutions and among the units in a way that fully meets missions and policy priorities rather than on historical bases. In the area of budget allocation policies, the Task Force recommended:

that the university undertake base budget analyses periodically to provide more comprehensive information for budget requests and priority-setting; to reallocate savings that occur for external reasons, such as phone rate reductions; and to indicate alternatives, including base budget reallocations, if the budget requests are not funded.

The Task Force also developed a number of recommendations in the specific S&E categories: (1) requiring university employees to engage in comparative shopping for airfares over \$500 by contacting more than one travel agent; (2) expanding the use of teleconferencing to substitute for travel and expanding the use of electronic mail to substitute for mail; (3) seeking ways to reduce the cost of software, including the negotiation

of site licenses, pooling purchases, and avoiding purchases of overly-sophisticated software packages; and (4) consideration of pilot projects using external contractors for buildings and grounds maintenance.

The Task Force recommended that Vice President Poellnitz be assigned responsibility for implementing all of the recommendations in the report and the technical report, with the exception that Vice President Paul Brown be given the responsibility for considering establishment of pilot projects utilizing external maintenance contractors. The Regent Co-Chairs discussed all of these recommendations with Vice Presidents Poellnitz and Brown and both expressed their enthusiastic support for implementing the measures. The Task Force recommends that Vice President Poellnitz report on a regular basis to the UW System President and the Board of Regents regarding the progress of implementation.

As a result of its examination, the Task Force recognized that the UW System already is undertaking initiatives to save costs and improve quality in the supplies and expense area. The Task Force recommendations are designed to introduce a number of additional specific quality improvement measures, and most importantly, to help create a structure that will stimulate cost savings and quality improvement initiatives on an ongoing basis.

Thanking the Co-Chairs and the members of the Task Force, President Shaw stated that he found the recommendations to be very helpful. With regard to the primary recommendation, which he fully supported, President Shaw noted that higher education institutions had some experience in this area through the shared governance structure. As called for in the UW System's Academic Quality Program, each department will need to identify program goals, conduct evaluations, and effect improvements.

Even so, he agreed that it will take time and some outside help to change those aspects of the culture which currently may not be compatible with the user team approach. It will be done in a measured way that empowers employees and provides the necessary experience and training.

With regard to the other recommendations, President Shaw understood from his discussions with the Co-Chairs that those initiatives should be evaluated in terms of how they fit with the primary recommendation. Some might be modified as the process evolved.

Emphasizing the point made by Regent Davis regarding the state government role, President Shaw said there is a need to ensure that, at a minimum, there are no disincentives for cost-saving activities.

With regard to implementation, he noted that there are experts within the university and the state who can be helpful. For example, the American Society of Quality Control is located in Milwaukee, and UW-Madison is the base for the Center for Quality and Productivity, its research director being one of the leading quality improvement statisticians in the country. Marilyn and Robert Hart at UW-Oshkosh also are leaders in this approach.

Finally, as directed by the Task Force report, President Shaw had asked Vice President Poellnitz to establish an advisory council of private and public sector experts to assist in implementing the program. Progress on implementation will be reported to the Board on a regular basis, in accordance with a schedule to be provided later.

Regent Davis stated his strong belief that this type of effort must be directly controlled by the chief executive and cannot be delegated to subordinates.

Regent Vos suggested student involvement in identifying cost efficiencies. He thought that as consumers of university services, they are in a position to see ways in which resources might better be used to their full capacity.

It was moved by Regent Gelatt and seconded by Regent Steil that the following resolution be adopted by the Board:

Resolution 5689: That the Final Report and Technical Report of the Board of Regents Supplies and Expense Task Force, including all of the recommendations, be adopted. The Task Force recommends:

the formation of a management philosophy that supports the establishment of user teams at each UW institution to identify and institute improvements in specified areas; and

a number of other management measures and measures regarding specific Supplies and Expense categories to generate cost-savings and quality improvements.

President Lyon noted that the idea for the study had been initiated by Regent Schilling during his presidency of the Board. The Task Force, appointed by Regent Lyon in July, had moved expeditiously to address substantial issues and completed its report within six months. He thanked all participants from the UW System, the Legislature, the Department of Administration, the private sector, the Board's Executive Assistant and staff.

Put to the vote, Resolution 5689 was adopted unanimously.

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#### REPORT OF THE EDUCATION COMMITTEE

Regent Davis, Vice Chair, presented the Committee's report.

##### Consent Agenda Items

Regent Davis presented Resolutions 5690-5697, which had been unanimously approved by the Education Committee, as consent agenda items, for action by the Board of Regents.

Upon motion by Regent Davis, seconded by Regent Weinstein, the following resolutions were unanimously adopted by the Board of Regents:

*UW-Stout*

Five-Year Review: B.S. in Applied Technology, UW-Stout R 5690, p.15

Resolution 5690: That, upon recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the B.S. in Applied Technology be continued, with the understanding that it will be included within that institution's normal academic evaluation process.

The Committee considered this an excellent review in terms of program

success

*Leave of Absence*

Extension of Leave of Absence Beyond the Initial Two Years *for*

Resolution 5691: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the leave of absence for Barbara Nichols, be extended through the~~  
1991 calendar year, R 5691, p.15 *UW-Madison, thru*

The Committee advised that there will be no further extensions.

*Authorizations to Recruit -*

Authorization to Recruit: Dean of Liberal Arts, College of Nursing, UW-Oshkosh, R 5692, p.15

Resolution 5692: That, upon recommendation of the Chancellor of the University of Wisconsin-Oshkosh and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, College of Nursing, University of Wisconsin-Oshkosh.

Authorization to Recruit: Dean, UW Center-Sheboygan County, R 5693, p.15

Resolution 5693: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, University of Wisconsin Center-Sheboygan County.

Authorization to Recruit: Chancellor, University of Wisconsin Centers, R 5694, p.15

Resolution 5694: That, upon 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 Centers.

*System - Officers -*

Set Salary of Vice President for Academic Affairs, UW System

Resolution 5695: ~~That, upon recommendation of the President of the University of Wisconsin System and the Regent Selection Committee~~ Stephen R. Portch ~~is~~ appointed *System* Vice President for Academic Affairs ~~of the University of Wisconsin System~~, effective May 1, 1991, at an annual salary of \$101,020, R 5695, p.15

This salary is consistent with the Executive Salary structure.

*(xref Portch, Stephen R. - (same - except eliminate his name & begin w/ "Appointed System...")*

Authorization to Recruit Professor, Department of Economics, College of Letters and Science, UW-Madison, R 5696, p. 16

Resolution 5696: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Professor Department of Economics, College of Letters & Science, University of Wisconsin-Madison, at a recommended salary range which exceeds the Executive Salary Group 6 maximum.

Wisconsin Distinguished Professor of Forestry, College of Natural Resources, UW-Stevens Point

Resolution 5697: That, upon recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, Robert L. Govett be appointed Wisconsin Distinguished Professor of Forestry, College of Natural Resources, University of Wisconsin-Stevens Point, effective July 1, 1991. R 5697, p. 16

Report on Authorized Salary Ranges and Hiring Salaries, p. 16

Vice President Beaver reported to the Committee on authorized salary ranges and hiring salaries, as requested at the December meeting. Covering the last three-year period, the report showed that three out of every four offers accepted were below the maximum amount authorized.

New Program Authorization M.A. in Mass Communications, UW-Milwaukee, p. 16

Regent Davis reported presentation to the Committee for initial review a new program authorization: M.A. in Mass Communications, UW-Milwaukee. The program will be returned to the agenda in March, with a request for approval to implement the program. Since essentially this was a name change, the Committee also asked for an investigation of procedures to preclude that type of change from automatically requiring Regent approval.

Announcement of Faculty Development Retraining and Renewal Awards for 1991-92, p. 16

The first round of faculty development retraining and renewal awards for 1991-92 was presented to the Committee.

Admissions -

Report on Admissions Criteria and Exceptions, p. 17

Regent Davis reported Committee receipt of the annual report on admissions criteria and exceptions, including institutions admitting more than five percent of its students below admissions standards. Regents considered the various listings of admission in the report to be confusing and requested different options for the way this information can be presented. Regent Weinstein asked for retention information on each of the different categories of the freshmen cohort of three years ago. It was agreed that by the March meeting System Administration will inform the Chair of the time and effort needed to generate that information.

Conflict of Interest -

Report on Conflict of Interest Policy, p. 17

In a report to the Committee on the conflict of interest policy, Executive Vice President Lyall stated the report's conclusion that UWS 8 is a sound policy and possible improvements have to do with its implementation.

(X ref Admin Code - (same))

Regent Weinstein asked System Administration to make recommendations to the Board with regard to the recent Legislative Audit Bureau (LAB) report on UW-Madison outside activity reporting; to advise the Board of the reasons faculty should not file the same report as the Regents; what the penalty is for false reporting or failure to report; and who supervises the supervisory review of the reports.

Regent Lyon stated his interpretation of the LAB report is that the intent of UWS 8 has not been implemented by those who are to report and by those who should be accountable for supervising such activities. Others cited comments from some in the business sector who say the UW System policy is too stringent and may impede the technology transfer process.

Regent Lyon asked System Administration to report to the Board within three or four months on: (1) steps taken to correct the implementation problems alluded to in the LAB review; (2) efforts made to enforce the intent of UWS 8 throughout the UW System; (3) recommendations of any changes believed necessary to strengthen the enforcement of UWS 8; and (4) to bring to the Board copies of the conflict of interest policies of UW-Madison peer institutions.

Undergraduate Education - Hearings set for Undergraduate Education topic, R 5698,

Discussion Paper on Undergraduate Education

pp 17-18

A discussion paper on undergraduate education was presented to the Committee, after which Regent President Lyon described plans for public hearings, the establishment of Regent working groups, and the schedule of the study.

Adoption by the Board of Resolution 5698, which was approved unanimously by the Committee, was moved by Regent Davis and seconded by Regent Weinstein.



Resolution 5698: That an in-depth study be undertaken of the state of undergraduate education in the University of Wisconsin System;  
that as part of the work program for this study a series of public hearings throughout the state will be held in the Spring of 1991 to hear views from students, faculty and staff from all University of Wisconsin System institutions and interested members of the general public regarding all aspects of undergraduate education;  
that ad hoc Regent committees will be created to function as Working Groups to examine the major issues of undergraduate education and identify areas for policy consideration;  
that it is expected the study will culminate in a package of policy recommendations to improve the quality of undergraduate education.

President Lyon stated that within the next three weeks he would be asking each Regent to serve on one of the Working Groups. The hearings will be held in April, and preliminary recommendations will be discussed in June. Final recommendations to System Administration for policy development will be made in September. The timetable calls for recommendations by President Shaw for any proposed policy changes to be brought to the Board in December. The study is intended to focus attention on undergraduate education and to provide a means of involving all interested people in the effort to make improvements in that area.

Put to the vote, Resolution 5698 was adopted unanimously.

✓ Assessment -  
→ Recommendations on Assessment of Verbal and Quantitative Proficiency Skills, R 5699, pp 18-19

The Committee heard a thorough presentation by President Shaw on the subject of assessment, which was followed by statements from ten faculty and students, all of whom indicated opposition to standardized tests.

After lengthy discussion, the Committee unanimously approved a resolution, endorsing an approach responsive to the concerns which had been articulated: (1) implementing assessment provisions of the "Academic Quality Program"; (2) publishing a "Consumer Guide" to provide comparative information on UW System institutions to students and their parents; and (3) conducting a pilot feasibility study of use of ACT's Collegiate Assessment of Academic Proficiency to measure minimum performance in basic skills systemwide. The pilot study only would be a sample and would not be applied to the entire student body. The System President endorsed this approach.

It was moved by Regent Davis and seconded by Regent Schilling that the following resolution be adopted by the Board of Regents:

Resolution 5699: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents endorses an approach which consists of  
 1) implementing the "Academic Quality Program" (AQP) to obtain assessment information useful for improving teaching and learning, 2) publishing a "Consumer Guide" to provide comparative information on UW System institutions to students and their parents, and 3) by the Spring of 1992, the UW System, using the joint UWS/DPI ACT College Readiness Study's 1989 data base, will complete a pilot feasibility study of the use of ACT's Collegiate Assessment of Academic Proficiency to measure minimum performance in basic academic areas systemwide. The President of the UW System will report the findings to the Board of Regents in September 1992.

Regent Krutsch commented that much of the impetus for assessment seemed to result from lack of a coherent core curriculum, and that the Board should take a leadership role in identifying areas important for undergraduate students to know. It seemed to her this issue should be addressed before the assessment program goes forward.

Put to the vote, Resolution 5699 was adopted, with Regent Vos abstaining.

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#### REPORT OF THE BUSINESS AND FINANCE COMMITTEE

✓ Regent Gelatt, Chair, gave the report

*Regent Committee - of Bus. & Finance Committee*  
Establishment of Subcommittee for Endowment Structure Review, p. 19

The Chair established a subcommittee to review the endowment structure and investment manager performance and to develop a request for proposals. The existing contracts are for three years with a one-year option to continue. This option expires in October of 1992.

✓ *Regent Committee - Bus & Fin. Comm - (same)*  
Consent Agenda Items

Regent Gelatt presented Resolutions 5700-5702, which had been unanimously approved by the Committee, as consent agenda items for action by the Board of Regents. It was noted that Regent Steil abstained from voting on Resolution 5700.

Regent Schilling requested that Resolution 5702 be removed from the consent agenda. As an important reaffirmation of policy, he felt it should have a separate unanimous vote.

Upon motion by Regent Gelatt, seconded by Regent Vos, Resolutions 5700 and 5701 were adopted by the Board, with Regents Davis and Steil abstaining from the vote on Resolution 5700.

Approval of Gifts, Grants and Contracts

Resolution 5700: 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.

✓ ~~Report of the 1989-90 Ben R. Lawton Undergraduate Minority Retention Grant~~ - 1989-90 Report, R 5701, p. 20

Resolution 5701: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the report of the 1989-90 Ben R. Lawton Undergraduate Minority Retention Grant program activity for transmittal to the Joint Committee on Finance as directed by section 36.34(1)(b), of the Wisconsin Statutes.

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Audit Subcommittee Meeting

The Audit Subcommittee met with members of the Physical Planning and Development Committee and other members of the Business and Finance Committee.

✓ Educational Communications Board - Acceptance by Regents of LAB Audit, R 5702, pp 20-21

LAB Audit of the Educational Communications Board

Commenting on the recent Legislative Audit Bureau (LAB) audit of the Educational Communications Board, Vice President Bornstein indicated to the Committee that although the UW System agrees with many of the findings and recommendations of that report, they are opposed to the suggestion that responsibility for the state's public broadcasting be placed under one agency. A resolution was approved reaffirming the position taken by the Board when the same idea was put forward six years previously.

✓ Free Audits - (same)  
Adoption by the Board of Regents of the following resolution was moved by Regent Schilling and seconded by Regent Gelatt:

Resolution 5702: Whereas Legislative Audit Bureau (LAB) Report 91-2 advances valid and appropriate recommendations for improvement of cooperative public broadcasting efforts between the Wisconsin Educational Communications Board (ECB) and the University of Wisconsin-Extension, the University of Wisconsin System pledges cooperation and good faith effort in working with the ECB and other involved agencies toward further improvement of public broadcasting services through effective inter-agency planning and coordination.

✓ Legislative Audit Bureau  
(same)

Whereas the University of Wisconsin System questions the LAB assertion that designating a single agency to be responsible for the State's public broadcasting efforts is necessary or appropriate for full accountability, the Board of Regents does not support assigning sole responsibility for the operation of Wisconsin Public Television and Wisconsin Public Radio to the Educational Communications Board.

Therefore, be it resolved that, consistent with its record and mission of public service by extending the resources of the university through the electronic media, the University of Wisconsin System stands ready to participate fully in discussions designed to identify acceptable alternatives for achieving the goals of increased coordination and cooperation for state funded public broadcasting and related facilities within and outside the University of Wisconsin System.

Regent Davis commented that the content of the LAB report did not lead him to the conclusion that sole responsibility should be assigned to the Educational Communications Board.

Regent Weinstein commented that he found disturbing the suggestion that dissemination of information should be controlled by one source.

Put to the vote, Resolution 5702 was adopted unanimously.

*Legislative Audit Bureau*  
LAB Report on Building Maintenance and Construction Supervision, p. 21

In discussion of the Legislative Audit Bureau report on building maintenance and construction supervision, it was pointed out that limited resources have resulted in necessary priority setting by the chancellors, the Board and the Legislature, leaving maintenance unfunded. The UW System supports the recommendations for additional delegation by the Department of Administration and additional funding for the UW's building program. However, there is disagreement with the recommendations that positions be reallocated from other activities and that separate internal budgets for maintenance and physical plant operations be established.

*Audits* - *Audit Status Report*, p. 21

Audit Director Brunkow provided a status report on audits in progress along with findings from a number of recently completed audits. He indicated that a contract has been entered into with the Legislative Audit Bureau to perform the federally required OMB A-133 audits. The UW System will pay \$435,000 for the audits which will cover the period from July 1, 1989 to June 30, 1991. The Subcommittee asked that the executive summaries of all System audits be provided to the Audit Subcommittee.

Competition with the Private Sector

Annual Update on Implementation of the Competition Policy, p. 22

The Committee received the annual update on implementation of the policy on competition with the private sector. The report indicated that six of the institutional competition review committees had met to discuss various competitive issues. Decisions ranged from stopping sales of non-educational toys at the UW-Eau Claire bookstore to continuing to offer computerized data bases by the library at UW-Madison.

Budget - Report on

GPR Budget Freeze, p. 22

Regent Gelatt summarized a report to the Committee on the GPR budget freeze and the UW System's spending plan submitted to the Department of Administration. That plan, which allows some management flexibility while meeting DOA's overall objectives, was approved by Secretary Klauser in January.

The institutions had been given a target amount to be saved. It is estimated the \$7 million of savings will come from salary savings of \$3.3 million, associated fringe benefits savings of just under \$1 million; reduction of S&E budgets, including out-of-state travel of \$.7 million; and reduction in capital equipment budgets of \$2.1 million. The Committee was assured that the first priority is to preserve the educational mission.

Radio & Television

Annual Report on Non-Commercial Educational Broadcast Activities of UW System Radio and Television Stations, p. 22

Vice President Bornstein presented to the Committee the annual report on non-commercial educational broadcast activities of UW System radio and television stations. He discussed the balancing of needs by the broadcast stations in determining their programming--educational benefits to students being the common objective. The radio stations provide: a non-commercial educational program service to their listeners; student training and experience in support of academic programs; and outreach information to the public regarding university programs and activities. WHA-TV provides continuing education, including discussion of public policy alternatives and cultural programming. Vice President Bornstein stated that the broadcast stations offer a diversity and quality in their services.

Quarterly Financial Reports

Regent Gelatt reported presentation to the Committee of the quarterly financial reports for the period ending December 31, 1990. Anticipated collections in program revenue funds are being reviewed for adequate spending authority levels to meet increased program demand. First semester academic fee projections indicate collections in excess of budget of about \$4.5 million, or 1.5 percent. In accordance with Regent policy, any excess collections will be applied to reduce future academic fee increases.

*✓ Regent - Meetings - Agenda for Regent meetings to include only Gifts, Grants and Contracts Mailing summary of gifts + grants, for mailing economy, Reg. 3/91, p. 23*

Vice President Poellnitz reported that, beginning with the March Regent agenda mailing, the gifts, grants and contracts report will be mailed under separate cover, with a copy of the summary included in the agenda materials. Fewer copies of the full report will be mailed in order to reduce the cost of printing and distributing this material.

*✓ Tax Sheltered Annuity Report - Update to Regents, p. 23*

Professor James Egan, Chair of the Tax Sheltered Annuity Review Committee, gave the Committee an update on the criteria changes which were adopted by the Board in 1988. One problem had surfaced regarding contributions made to unapproved products. New contributions of this type had ceased, but the question remained as to what should be done with the employee balances that were transferred in the past. The Committee deferred the issue to the March meeting, after the review committee has obtained legal advice.

*✓ Teaching Assistants Association Petition - Request that...*

~~Regent Weinstein requested that a petition from the Teaching Assistants Association on waiver of tuition be put on the agenda of the Business and Finance Committee, p. 23~~

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Regent Gundersen, Chair, gave the report.

Consent Agenda Items

Regent Gundersen presented Resolutions 5703-5709, which had been unanimously approved by the Committee as consent agenda items for action by the Board in a single unit.

At the request of Regent Davis, Resolution 5709 was removed from the consent agenda.

Upon motion by Regent Gundersen, seconded by Regent Krutsch, Resolutions 5703-5708 were adopted unanimously.

✓ UW Center - Waukesha County  
UW Waukesha County: Approval of Plan to Construct an Addition and Remodeling, R 5703, p. 24

Resolution 5703: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, the plan for Waukesha County to construct and fund an Addition and Remodeling project at the UW Center - Waukesha County campus in Waukesha at an estimated cost of \$785,000 be approved.

✓ Bldgs + Land  
UW Madison: Authority to Renew Lease for the University of Wisconsin Hospital and Clinics Satellite Clinic, R 5704, p. 24

Resolution 5704: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to renew the lease of approximately 5,503 square feet of space which expired on January 31, 1991 on space used for the University of Wisconsin Hospital and Clinics Satellite Clinic, located at 6602 University Avenue, Middleton, Wisconsin. The lease has been extended for one month, through February 28, 1991, at an unchanged monthly rental rate of \$5,999.31 (\$14.43/SF) to allow for completion of lease negotiations.

Lessor: Solar Partnership  
 6602 University Avenue  
 Middleton, Wisconsin 53562

The initial lease term will be for an 11-month period beginning March 1, 1991 through January 31, 1992, at a monthly rental cost of \$6,751.03 (\$14.72/SF). The new lease will also provide for two, one-year renewal option periods from February 1, 1992 and February 1, 1993, respectively. The rental rates for the 11-month renewal period and each of the one-year renewal options will reflect a 2% increase over the previous rate as indicated in the following schedule:

<u>Lease Period</u>	<u>Term</u>	<u>Annual Cost</u>	<u>Cost/SF</u>
March 1, 1991 - January 31, 1992	11 months	\$74,261.33	\$14.72/SF
February 1, 1992 - January 31, 1993	12 months	\$82,632.61	\$15.02/SF
February 1, 1993 - January 31, 1994	12 months	\$84,285.26	\$15.32/SF

All other provisions of the base lease contract will be unchanged. The lessor will be responsible for the cost of all taxes, utilities and services except electricity. Rental payments will continue to be provided from UW Hospital and Clinic's operating funds.

UW-Milwaukee - Bldg Fund -

UW-Milwaukee: Approval of Design Report and Authority to Construct a Student Union Exterior Site Repair, R 5705, p. 25

Resolution 5705: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to construct a Student Union Exterior Site Repair project, at an estimated total project cost of \$618,400 using 1989-91 Program Revenue Borrowing (\$330,900 Parking Utility and \$287,500 Union Maintenance).

UW-Oshkosh - Bldg Fund -

UW-Oshkosh: Approval of Design Concept and Authority to Construct Albee Hall Physical Education Addition, R 5706, p. 25

Resolution 5706: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, the Design Concept be approved and authority granted to construct the Albee Hall Physical Education Addition project for an estimated project cost of \$2,420,000, including \$2,120,000 of existing General Fund Supported Borrowing, \$200,000 of General Fund Supported Borrowing - Residual and \$100,000 of General Fund Supported Borrowing - Minor Projects.

UW-River Falls - Bldg Fund -

UW-River Falls: Approval of Design Report and Authority to Construct a South Hall Total Facilities Performance Project, R 5707, p. 25

Resolution 5707: That, upon the recommendation of the UW-River Falls Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to construct the 1989-91 South Hall Total Facilities Performance project for a total project cost of \$2,659,000 General Fund Supported Borrowing (\$1,645,000 Maintenance; \$243,000 Health, Safety and Environment; \$521,000 Removal of Architectural Barriers; and \$250,000 Minor Projects)

Approval of Minor Projects

Resolution 5708: That, upon the recommendation of the UW-Green Bay, UW-Madison, UW-Milwaukee and UW-Oshkosh Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to construct them, at the costs and from the funding sources indicated. These funding sources are summarized as follow:

Program Revenue	\$364,000
Gift Funds	361,000
State Insurance Funds	164,500
Total	\$889,500



✓ UW-Green Bay Budget - Approval

UW-Green Bay: Parking Lot and Roadway Reconstruction, ~~\$226,000 (\$120,000 Program Revenue Supported Borrowing and \$116,000 Gifts)~~ → R 5708, p. 26

✓ Budget - Approval

UW-Madison: Southeast Recreational Facility 10-Meter Diving Platform and Structural Alterations, ~~\$245,000 Gift Funds~~ → R 5708, p. 26

✓ UW-Milwaukee - Budget - Approval

UW-Milwaukee: Student Union Five Elevator Repair and Upgrade, ~~\$244,000 Program Revenue funds~~ → R 5708, p. 26

✓ UW-Oshkosh - Budget - Approval

UW-Oshkosh: Kolf Sports Center Lower Gym Floor Replacement, ~~\$164,500, State Insurance funds~~ → R 5708, p. 26

✓ Regent - Bylaws -

Amendment of Regent Bylaws: Duties of the Physical Planning and Development Committee, R 5709, pp 26-27

Regent Davis asked if the proposed amendments represented any change in the Committee's duties.

Regent Gundersen explained that the amendments primarily were intended to set forth the Committee's duties in a more orderly form. Items were added to state specifically the Committee's responsibility for physical safety and removal of architectural barriers. Reports on items within the Committee's areas of responsibility are to be presented on a monthly basis. At the previous day's meeting, for example, there was a report on removal of barriers to people with disabilities. The amendments also removed the figure of \$30,000 for delegated projects.

Regent Flores asked if the Committee had any control over the design and location of buildings constructed by outside groups and later donated to the university.

Vice President Brown replied that, when such facilities are built on university land, the land transaction would have to be approved by the Board, which also would trigger a review of specifications. If the facility were not built on university property, there would be no formal role for university input in the building process.

Put to the vote, Resolution 5709 was adopted unanimously.

Resolution 5709: That the Duties of the Physical Planning and Development Committee as presently stated in Section 4. of the Bylaws of the Board of Regents of the University of Wisconsin System be rescinded and the following duties and responsibilities be adopted for submission to the Board for approval:

Section 4. The Physical Planning and Development Committee shall have charge of consideration of all matters related to the capital building program, as outlined below:

ACTIVITIES RELATED TO NEW CONSTRUCTION AND IMPROVEMENTS PROJECTS

- o Promulgate capital budget development policies
- o Authorize advance planning
- o Approve project budgets
- o Approve design reports
- o Establish budgets and funding sources
- o Authorize bidding and construction
- o Plan and acquire telecommunications systems, with participation by the Education Committee, where appropriate
- o Determine the viability of projects involving gifts-in-kind

ACTIVITIES RELATED TO SITE DEVELOPMENT

- o Approve campus master plans
- o Establish campus boundaries
- o Site new buildings and improvements
- o Approve facilities and site namings
- o Determine disposition of decommissioned facilities
- o Approve campus transportation plans
- o Authorize real estate transactions (acquisitions, sales, exchanges, leases, zoning, relocation, condemnation, easements, land use permits, assessable improvements)

ACTIVITIES RELATED TO HEALTH, SAFETY AND ENVIRONMENT ISSUES

- o Implement the Wisconsin Environmental Policy Act, Environmental Development Agency policies, and pertinent state codes and regulations
- o Enhance physical safety
- o Promote removal of architectural barriers
- o Administer the flood plain zoning regulations

The Chair of the Physical Planning and Development Committee may create one or more subcommittees to consider any matter properly before the Physical Planning and Development Committee and shall appoint the subcommittee members and the Chair from among those members of the Board serving on the Physical Planning and Development Committee.

✓  
UW - Milwaukee - Bldg. X - Land -

~~UW Milwaukee: Approval of Design Report and Authority to Construct~~  
Academic Facility for School of Architecture and Urban Planning, R 5710, pp 27 -  
29

Regent Krutsch presented a resolution which had been amended in Committee upon motion by Regent Dreyfus, who expressed reluctance to take final action to authorize construction of a new \$18 million facility in view of concern about the infrastructure needs of the System. Emphasizing that he did not question the need for this particular project, he said he would have the same view of any other requests for final approval of major new construction. The Committee accepted the proposed amendment which would allow for completion of the design and taking of bids, but which would require the request to be brought back to the Board for authority to construct.

It was moved by Regent Krutsch and seconded by Regent Doughty Luckhardt that the following resolution be adopted by the Board of Regents:

That, upon the recommendation of the UW-Milwaukee Interim Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to complete the design and bid the 1989-91 Academic Facility for the School of Architecture and Urban Planning project, returning it to the Board for approval to construct at an estimated total project cost of \$18,000,000, using 1989-91 General Fund Supported Borrowing.

Regent Krutsch indicated that she had voted for the amendment in order to allow Regent Dreyfus' concerns to be considered by the full Board. He had felt that, in the climate of the LAB audit which implies that the UW System had been remiss about building maintenance, this is not the time to approve \$18 million to build a new facility for a program that is already housed elsewhere, although inadequately. Withholding final approval until after the design and bid process is completed will not delay the project if the Board later decides to proceed. By this summer, there should be a better idea of the state of the economy and the impact of the war in the Persian Gulf. He thought there was much to be gained by showing that the Board is serious about repairing existing buildings before constructing new ones.

Stating his disagreement with the amended resolution, Regent Gundersen commented that the effect would be to add one more step to an already overlong and complex bureaucratic process. He did not think the Board should make a judgment based on the economy of the moment, but should look instead at the long-term importance of the facility, to excellence of the School of Architecture and Urban Planning, and to UW-Milwaukee as a whole. The project had received Building Commission approval in 1989, and money already had been spent on design and architects. He thought the resolution should be amended to approve construction at this time.

Regent Weinstein agreed with Regent Gundersen and stated his intention to vote against the resolution.

Regent Vos stated support for the resolution and urged careful review of the project.

Regent Nicholas agreed with Regents Gundersen and Weinstein that decisions like this should not be made on the basis of short-term conditions. In addition, delays almost always result in cost increases. He also pointed out that such action would be precedent-setting in terms of how capital budget projects are handled.

Regent Schilling stated that he would offer a motion to authorize construction to proceed, following action on the resolution which was on the floor.

The question was put, and the resolution was defeated on a voice vote.

Upon motion by Regent Schilling, seconded by Regent Flores, Resolution 5710 was adopted, with Regents Doughty Luckhardt and Vos voting "No."

Resolution 5710: That, upon the recommendation of the UW-Milwaukee Interim Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to complete the design and bid the 1989-91 Academic Facility for the School of Architecture and Urban Planning project, and to construct at an estimated total project cost of \$18,000,000, using 1989-91 General Fund Supported Borrowing.

✓ UW-Parkside - Bldg + Land -

UW-Parkside Approval of Student Housing Acquisition, R 5711, pp 29-31

Continuing the report of the Physical Planning and Development Committee, Regent Gundersen summarized review of requested authority to accept conveyance of title for student housing facilities and approximately 8.3 acres of land from the UW-Parkside Benevolent Foundation, subject to inclusion of \$6 million of program-revenue-supported borrowing authority in the 1991-93 Capital Budget. The university will utilize state bonding authority to satisfy \$5.4 million of outstanding debt for construction of the facility and to undertake \$600,000 in necessary facility repairs.

The 1991-93 Capital Budget approved by the Board included the request for \$6 million program-revenue-supported borrowing authority. The information presented in December outlined several alternatives to ensure that affordable housing continues to be available for UW-Parkside students. The best alternative appeared to be for the state to assume ownership of the facilities and refinance the debt through self-amortizing state general obligation bonds. This alternative assumed that the interest rate could be reduced from the existing 9.1 percent to about 7 percent. With the resulting annual savings, it was felt that the operation would become financially viable.

Since the December meeting, System Administration staff, in cooperation with Chancellor Kaplan and her staff, had conducted a thorough review of the financial and programmatic issues involved in the potential acquisition of the Parkside Housing Complex by the state. The conclusion of this review was that state acquisition of the housing complex, and the associated refinancing of the debt structure, will create a viable operation that will be financially sound and will allow the strong demand for student housing to be met by UW-Parkside. There was extensive discussion by the Committee as to the wisdom of this course of action. However, the proximity of the development to the core of the campus and the potential adverse impact of having its use and management be outside university control led to the conclusion that state ownership was the most prudent course to take. After discussion, the Committee adopted Resolution 5711, with Regent Doughty Luckhardt voting "No."

It was moved by Regent Gundersen and seconded by Regent Vos that the following resolution be adopted by the Board of Regents:

Resolution 5711: That, upon the recommendation of the UW-Parkside Chancellor and the President of the University of Wisconsin System, authority be granted to accept conveyance of the title for student housing facilities and approximately 8.3 acres of land from the UW-Parkside Benevolent Foundation, subject to the inclusion of \$6 million Program Revenue Supported Borrowing authority in the 1991-93 Capital Budget, when enacted. The University will utilize the state bonding authority to satisfy the outstanding debt for construction of the facility (\$5.4 million) and to undertake necessary facility repairs (\$600,000).

Regent Doughty Luckhardt stated that she was uncomfortable with the \$6 million expenditure and felt other parties might have responsibility for some of the burden.

Regent Vos stated his full support for the project, which would reduce the interest costs and not expend GPR dollars or add programs.

Regent Weinstein asked what would happen if revenue projections were not realized.

Chancellor Kaplan expressed confidence that numbers projected through 1995 will result in a surplus to be used in paying off the bond. Projections were not done beyond 1995, but there was no reason to believe that the numbers would change appreciably. The facility always had operated at capacity and had a waiting list.

Vice President Brown added that there had been situations on other campuses where the dorms had not been fully occupied. Systemwide actions had been taken to rectify those problems.

President Shaw stated that the UW System would be accepting the liability if financial projections were not realized.

Regent Gelatt commented that the UW System essentially would be indemnifying those who took on this project. The market feedback mechanism is that those who make bad economic judgments suffer some consequences. If the Board did not have advance control over projects, he did not believe it to be good policy to bail out those who undertake them.

Regent Schilling noted that the consequence of the university not coming to the rescue would be that the bonds would go into default and the trustee then would own the building. The university would have to negotiate with the trustee and might not be the high bidder. The process would be complex because of the involvement of both a bond trustee and bond holders. The bond holders would be the losers in any default.

In response to a question by Regent Doughty Luckhardt, Chancellor Kaplan explained that neither the county nor the Benevolent Foundation has any equity interest. She added that the facility was reviewed in 1985 by the Board of Regents, with the understanding that after 30 years the project would revert to the state.

Regent Flores expressed concern about foundations and other groups undertaking projects outside of the normal building process controls. He felt a way should be found to prevent situations in which such groups construct buildings near university land without Board control, with the Board then being asked to rescue them from bad financial decisions.

Regent Davis said he would be satisfied, from an economic standpoint, with taking over the property, since it is a \$7.5 million asset in good condition and with a solid cash flow. While he agreed that it should not be the Board's policy to bail out failed projects, he thought economically attractive opportunities should be taken.

President Shaw commented that the project had not been financially viable from the beginning, and the Board had not received good advice at that time. From a policy standpoint, he felt the university has a responsibility when it makes an arrangement with a foundation or other group. In this case, the project is a liability, but not to take action on it would damage the university's good name.

Regent Nicholas agreed, on the basis that the project is viable and accepting title maintains the university's integrity. He considered that reputation to be more important than the relatively few dollars that might be spent in this situation.

Regent Weinstein said he would vote against the resolution because he was not convinced there had been an attempt to negotiate the best deal for the taxpayers. Instead, the bond holders were being held harmless for their own errors.

Put to the vote, the resolution was adopted, with Regents Doughty Luckhardt, Flores, Gelatt, and Weinstein voting in opposition.

*Bldgs & Land*  
→ Approval of the WISTAR Program, R 5712, pp 31-34

Regent Gundersen presented Resolution 5712, which had been unanimously approved by the Physical Planning and Development Committee. At the December meeting, there had been a special presentation describing the program by Regent Emeritus David Beckwith, Chair of the UW-Madison Chancellor's Council. The decision had been made to defer the matter to the February meeting, to allow time for Board officers and System Administration staff to confer with the Governor and members of his staff to determine the level of support he would lend to the proposal. Regents Lyon, Nicholas, Gelatt and Gundersen met with the Governor and also with Robert Brandherm, Administrator of the Division of Facilities Management, regarding conditions that would be required for endorsement of such a program for the System. These discussions resulted in the recommendation presented at this meeting.

The resolution requested approval of a program to improve the quality and quantity of facilities to advance state technology. An additional emphasis is promotion of public/private partnership which the Governor's budget message identified as WISTAR and which was added to the second page of the resolution as a revision. WISTAR would incorporate the UW-Madison's Facilities for Advancement of State Technology program. Consistent with the Board's position in December that the program may have application at other System universities, the resolution clearly states that this program is to be expanded to include projects and facilities at other universities in the System for research and applied technology programs as they are identified.

Those involved in the negotiations related to this endeavor felt that the program embodied in the proposed resolution will prove very advantageous to the System in the long-term and to UW-Madison as it advances the projects identified for the FAST program. Chancellor Shalala considers the resolution consistent with the goals of the Chancellor's Council which developed the FAST initiative.

Adoption by the Board of Regents of Resolution 5712 was moved by Regent Gundersen and seconded by Regent Nicholas.

Resolution 5712: Whereas, Wisconsin enters the last decade of the 20th century having assumed a stronger, more diverse economic character and, in many respects, is considered to be the new economic powerhouse of the Great Lakes region; and

Whereas, this position rests on traditional Wisconsin strengths in business and industry as well as new efforts to capitalize on the state's investment in high-technology; and

Whereas, a key element of the effort to reinforce Wisconsin's economic resurgence and maintain its high quality of life has been the state's outstanding support of higher education; and

Whereas, as the University of Wisconsin System continues to be a significant influence over Wisconsin's economic and social well-being, and with its \$285 million-a-year research enterprise, UW-Madison is an important and most diverse high-technology endeavor; and

Whereas, the majority of the money attracted to University of Wisconsin System programs of research is federal or private and contributes substantially to the vigor of the state's economy; and

Whereas, taking well-accepted economic impact multipliers into account, University of Wisconsin System programs of research infuse more than a billion dollars a year into the state's economy whereby, in its programs of scientific and engineering research alone, it employs more than 7,000 individuals, making it unequivocally the state's largest high-technology employer; and

Whereas, by the year 2000 it is anticipated that new research dollars brought into the state would equal the state's investment in the new and renovated research and technological facilities; and

Whereas, the public research universities of the nation, including those in the University of Wisconsin System, are facing a crisis in quality and quantity of research space; and

Whereas, the Board of Regents wishes to express its desire to maintain the ability of the System to attract federal and private research funds which enable the state to engage in high technology endeavors which expand the economy, promote public/private partnerships, and influence the ability to compete in an increasingly complex world; and

Whereas, in light of these many concerns, and in view of the great potential inherent in a healthy scientific research enterprise;

Now Therefore Be It Resolved by the Board of Regents of the University of Wisconsin System to adopt a university-state partnership program, i.e., WISTAR, which would incorporate the UW-Madison new Facilities for Advance of State Technology (FAST) program, under which the state would use \$150 million of its General Fund supported bonding authority to help finance a special \$225 million research facility initiative, with the remaining \$75 million to come from gifts, grants and sources other than state general purpose revenues. This program is to be expanded to include projects and facilities at other universities in the System for research and applied technology programs, as they are identified; and

Be It Further Resolved by the Board of Regents of the University of Wisconsin System to request that the necessary statutory language to implement the program be forwarded for consideration by the State Building Commission and Wisconsin Legislature.

Regent Schilling noted that one concern had been whether every dollar gained for the FAST program would be lost from priorities identified in the Capital Budget. He asked if discussions involved any assurance by the administration that these dollars would be viewed as supplemental. He expressed the hope that the result would not be two Capital Budget programs--one developed through methodical, long-term planning; and the other, a special program developed outside of that process.



Regent President Lyon replied that the program should be compatible with the Capital Budget request and the ten-year plan. It had been extended from a five-year to an eight-year program, with some opportunity to accelerate as private funding becomes available, and also opportunity for other campuses to become involved if they meet the same requirements for private matching funds. He felt comfortable that other building projects would not be jeopardized.

President Lyon thanked Chancellor Shalala, her staff, the Committee under the leadership of David Beckwith, and Robert Bush who served on that Committee. The Regents involved believed the agreement worked out with the Governor and other state officials to be one that is fair to all parties.

In reply to a question by Regent Vos, Regent Lyon indicated that private funds raised from projects at other institutions would be in addition to the \$75 million specified for the UW-Madison program.

Responding to a question by Regent Nicholas, Regent Gundersen said it will be mandatory that the required private funding be in hand before projects are initiated.

Regent Nicholas expressed appreciation to Governor Thompson for his support and commitment to this program and to all the others involved in working out the agreement.

Put to the vote, Resolution 5712 was adopted unanimously.

~~Report on Handicapped Accessibility Programs~~

— Report on programs, p. 34

The Committee heard a report on handicapped accessibility programs in the UW System.

#### ADDITIONAL RESOLUTIONS

Support for those Serving in the Persian Gulf War, R 5713, pp 34-35

Presenting Resolution 5713, Regent Vos said the intent was to support the students and staff who were serving in the war, but not to endorse any policy, since the university should be a place where all views are discussed. Currently, there were 24 students from UW-Stevens Point in the Gulf area; 30 from UW-Platteville; a number of students from the UW Centers; 26 students from UW-Eau Claire, as well as one faculty and one staff member; 15 students and one academic staff member from UW-Whitewater; 47 students and one faculty member from UW-Oshkosh; 6 students from UW-Superior; 12 from UW-Parkside; 30 students from UW-LaCrosse; 25 students from UW-Stout; over 100 students and 36 faculty and staff from UW-Madison; 7 students from UW-River Falls; 97 students and some staff from UW-Milwaukee; and 8 students and one faculty member from UW-Green Bay.

(xref Persian Gulf Conflict - [same])

Upon motion by Regent Vos, seconded by Regent Schilling, the following resolution was adopted by the Board of Regents:

Resolution 5713: Whereas, there are approximately 380 University of Wisconsin System students and a number of faculty and staff who have been called to duty in the Persian Gulf War; and

Whereas, these faculty, students and staff are undertaking great risks and sacrifices in the service of our country;

Therefore, be it resolved that the Board of Regents states strong support and gratitude for the valor and dedication of all those in the University of Wisconsin System who are serving in the war effort; and further states the commitment to doing everything possible to ease their transition when they return to the university.

In response to a question by Regent Schilling, President Shaw said the reinstatement process for returning students would be done as quickly as possible. If a student had to leave in the middle of a semester, opportunities would be provided for make-up work. If it were near the end of the semester, professors might give early and make other provisions to help the student complete the semester examinations.

- - -

At 12:00 noon, the following resolution, moved by Regent Nicholas, was unanimously adopted on a roll call vote, with Regents Davis, Doughty Luckhardt, Flores, Gelatt, Gundersen, Hassett, Krutsch, Lyon, Nicholas, Schilling, Steil and Weinstein voting "Aye" (12), and no Regents voting "No."

Resolution 5714: That the Board of Regents recess into closed session to consider personnel matters, including appointment of Dean, UWC-Rock County, and annual evaluations, as permitted by s. 19.85(1)(c), *Wis. Stats.*; for honorary degree nominations at UW-Madison and UW-Milwaukee, and naming of a baseball field at UW-Superior after a person, as permitted by s. 19.85(1)(f), *Wis. Stats.*; and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

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CLOSED SESSION ACTION

The Board arose from closed session at 1:30 p.m. and made the following announcement:

Appointment of Dean, UW Center-Rock County

Resolution 5715: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, Jane Crisler be appointed Dean of the University of Wisconsin Center-Rock County, and Associate Professor of History with tenure, University of Wisconsin Centers, effective April 8, 1991, at an annual salary of \$55,000.

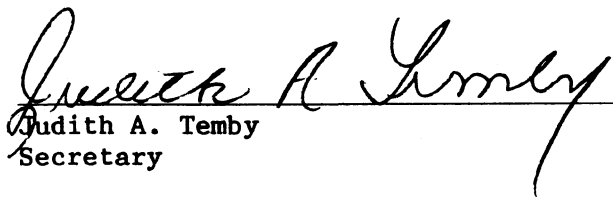
✓  
UW Centers - Staff -

UWC -

✓  
for UWC - Rock County - (see -)

↓ R 5715, p. 36

The meeting was adjourned at 1:30 p.m.

  
Judith A. Temby  
Secretary

March 1, 1991

0178X

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MADISON

## EXTENSION AND PUBLIC SERVICE

1. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS  
DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91  
AT A \$284,653 LEVEL  
AWARD # 8699002E00.01,02,03,04,05  
MSN AG&LSC ENVIR RSRCS CTR (133-L827) 72,022.00
2. WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE  
MADISON, WI  
DHI OUTREACH SPECIALIST  
MSN AG&LSC DAIRY SCIENCE (133-Q629) 3,843.00
3. UNITED NATIONS DEVELOPMENT PROGRAM  
NEW YORK, NY  
UNDP/UNDRO DISASTER MANAGEMENT TRAINING PROGRAM -  
PHASE O FOR THE PERIOD 07-01-90 THRU 01-15-91  
MSN ENGR ENGR PRFSNL DVLP (133-R115) 58,834.00
4. POTTER AND SON, INC.  
BANCROFT, WI  
WEATHER STATION PROJECT  
MSN AG&LSC HORTICULTURE (133-R601) 5,000.00
5. WISCONSIN POWER & ELECTRIC COMPANY  
MADISON, WI  
SMALL BUSINESS ACCESS LINE  
MSN BUS BUSINESS OUTRCH SM BUS DVL (133-R703) 5,000.00
6. ICI AMERICAS, INC.  
WILMINGTON, DE  
SUPPORT WEED CONTROL PROGRAM  
MSN AG&LSC AGRONOMY (133-7714) 1,000.00

## GIFT-IN-KIND

1. LINDA CLAUSER  
MADISON, WI  
WOMEN'S CLOTHING AND ACCESSORIES  
MSN L&S THEATRE & DRAMA
2. ANNE KAUFMAN SCHNEIDER  
NEW YORK, NY  
MISCELLANEOUS PAPERS OF GEORGE S. KAUFMAN  
MSN L&S COMMUN ARTS FLM&THEA R
3. AMOS VOGEL  
NEW YORK, NY  
FILM AND THEATRICAL MEMORABILIA  
MSN L&S COMMUN ARTS FLM&THEA R
4. THOMAS C. OSBORN  
MADISON, WI  
A GIFT OF AN AUTOMOBILE  
MSN AG&LSC AGRONOMY

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

5. E.I. DUPONT DE NEMOURES & CO.  
WILMINGTON, DE  
A 1987 CHEVROLET PICKUP TRUCK  
MSN AG&LSC AGRONOMY
6. DONALD J. VOEGELI  
MADISON, WI  
TAPE RECORDER, TAPEDECK, AND AMPLIFIER SPEAKERS  
MSN P PLT ELECTRIC SUBSTA
7. TARGET THERAPEUTICS  
SAN JOSE, CA  
ELECTRO EMBOLIC POWER SUPPLY  
MSN HS-MED RADIOLOGY                      DIAGNOSTIC
8. TARGET THERAPEUTICS  
SAN JOSE, CA  
HIGH VELOCITY PULSED DOPPLER VELOCIMETER-DOPPLER  
MASTER  
MSN HS-MED RADIOLOGY                      DIAGNOSTIC
9. HEWLETT PACKARD COMPANY  
PALO ALTO, CA  
MDS SOFTWARE  
MSN ENGR    ELEC & COM ENGR    ELEC&COMP
10. APPLE COMPUTER, INC.  
CUPERTINO, CA  
TWO MACINTOSH II COMPUTER SYSTEMS AND FOUR MAC  
PORTABLE COMPUTER SYSTEMS  
MSN GRAD    WAISMAN CENTER
11. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES  
MADISON, WI  
MISCELLANEOUS OFFICE EQUIPMENT  
MSN HS-MED PEDIATRICS
12. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
COMPUTER AND MONITOR  
MSN HS-MED SURGERY
13. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES  
MADISON, WI  
MAC CLASSIC COMPUTER (HD40/2MB)  
MSN HS-MED PEDIATRICS
14. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK  
MSN HS-MED SURGERY
15. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK AND CREDENZA  
MSN HS-MED SURGERY

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

16. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
OAK CABINETS  
MSN HS-MED SURGERY
17. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK AND CREDENZA  
MSN HS-MED SURGERY
18. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
PHOTOCOPIER  
MSN HS-MED SURGERY
19. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK  
MSN HS-MED SURGERY
20. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK, CREDENZA, BOOK CASE, AND TABLE  
MSN HS-MED SURGERY
21. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
VCR AND MONITOR  
MSN HS-MED SURGERY
22. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK, CREDENZA, DESK ATTACHMENTS, AND TYPING  
RETURN  
MSN HS-MED SURGERY

INSTRUCTION

1. ST ELIZABETH HOSPITAL  
APPLETON, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
2. ST LUKE'S HOSPITAL  
CEDAR RAPIDS, IA  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
3. NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION  
ALBANY, NY  
STUDENT INTERNSHIP AGREEMENT  
MSN ENV ST INSTRUCTNL PROG INSTR PROG

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

4. MEMORIAL HOSPITAL OF OCONOMOWOC  
OCONOMOWOC, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
  
5. CARONDELET HEALTH CARE  
TUCSON, AZ  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
  
6. ST JOSEPH'S HOSPITAL  
MILWAUKEE, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
  
7. MERCY HEALTH CENTER  
DUBUQUE, IA  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
  
8. HAWAII PHYSICAL THERAPY  
HONOLULU, HI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
  
9. UW MEDICAL ALUMNI ASSOCIATION  
MADISON, WI  
CLASS OF 1947--VISITING PROFESSORSHIP  
MSN HS-MED ( TRUST ) 405.00
  
10. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH VAR  
COOPERATIVE INTERNSHIP AGREEMENT  
FOR THE PERIOD 04-23-90 THROUGH 01-18-91  
AT A TOTAL COST OF \$7,016.00  
AWARD # AGR DTD 05-03-90, MOD. 1  
MSN ENGR CIVIL & ENV ENGR ( 144-BN92 ) 2,025.00
  
11. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH VAR  
COOPERATIVE INTERNSHIP AGREEMENT: DATA MANAGEMENT  
SURVEY ENGINEERING ANALYSIS RELATED TO HYDROLOGY  
AND HYDRAULICS  
FOR THE PERIOD 05-21-90 THROUGH 01-18-91  
AT A TOTAL COST OF \$5,632.50  
AWARD # COOP AGREEMENT #90-11, MOD. 1  
MSN ENGR CIVIL & ENV ENGR ( 144-BP90 ) 1,012.50



GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

12.	WI DEPT OF NATURAL RESOURCES MADISON, WI PRIME CONTRACTOR WITH VAR COOPERATIVE INTERNSHIP AGREEMENT: DATA MANAGEMENT SURVEY ENGINEERING ANALYSIS FOR THE PERIOD 05-07-90 THROUGH 01-18-91 AT A TOTAL COST OF \$4,567.50 AWARD # COOP AGREEMENT #90-11, MOD. 1 MSN ENGR CIVIL & ENV ENGR (144-BP91)	1,837.50
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GM FACULTY PROFESSIONAL DEVELOPMENT GRANT MSN ENGR OPERATIONS (133-K197)	2,800.00
14.	WISCONSIN NEWSPAPER COMMITTEE NEWSPAPER IN EDUCATION MILWAUKEE, WI PRESS IN THE SCHOOL CURRICULUM WORKSHOP FOR THE PERIOD 06-18-90 THRU 06-28-90 MSN EDUC CURRIC & INSTR (133-Q523)	396.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT AWARD FUND MSN L&S FRENCH & ITALIAN (133-Q573)	4,500.00
16.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DNR GIS PROGRAM SUPPORT COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 11-19-90 THRU 06-30-91 AWARD # 90-11 FOLGERT MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-R648)	4,350.00
17.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DNR HABITAT RESTORATION AREA PROGRAM SUPPORT COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-07-91 THRU 05-24-91 AWARD # 90-11 KIM MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-R660)	3,200.00
18.	KOTZ (JOHN C) ONEONTA, NY DEVELOPMENT OF VIDEOTAPES OF CHEMICAL DEMONSTRATIONS MSN L&S CHEMISTRY (133-R721)	25,000.00
19.	MASTER BREWERS ASSOCIATION MADISON, WI SHORT COURSE IN BREWING AND MALTING SCIENCE MSN AG&LSC FOOD SCIENCE (133-8831)	4,625.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

1. KRAUS REPRINT & PERIODICALS  
MILLWOOD, NY  
PROC SALE DONATED BOOKS  
MSN HS-ADM LIBRARY ( TRUST ) 372.72
2. UW MEDICAL ALUMNI ASSOCIATION  
MADISON, WI  
MEDICAL SCHOOL CLASS OF 1939-FIFTIETH ANNIVERSARY  
TRUST  
MSN HS-ADM LIBRARY ( TRUST ) 2,960.00
3. WISCONSIN LIBRARY ASSOCIATION  
MADISON, WI  
SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S  
BOOK CENTER  
MSN L&S LIB&INF ST (133-D098) 1,000.00
4. MULTIPLE DONORS  
PURCHASE OF LIBRARY MATERIALS AND SUPPLIES  
MSN LIBR GEN OPERATIONS LIB ACQSTN (133-F543) 335.00
5. MULTIPLE DONORS  
FRIENDS OF THE UNIVERSITY LIBRARY FUND  
MSN LIBR ADMINISTRATION (133-0822) 30.00

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MSN ATH SWIMMING 1,596.00
2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MSN ATH GENERAL OPERATNS ADMIN 444.00
3. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MSN ATH TENNIS 220.00
4. CHR. HANSEN'S LABORATORY, INC.  
MILWAUKEE, WI  
MSN ATH GENERAL OPERATNS ADMIN 300.00
5. BIG RED CONTINGENCY ACCOUNT  
MADISON, WI  
MSN ATH GENERAL OPERATNS ADMIN 36,841.91
6. THE TOWERS  
MADISON, WI  
MSN ATH GENERAL OPERATNS ADMIN 3,500.00
7. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MSN ATH SOCCER 600.00

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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH GENERAL OPERATNS TICKET SAL	3,047.08
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH BASKETBALL	3,890.83
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH GENERAL OPERATNS ADMIN	1,822.51
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH HOCKEY	3,735.30
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH TENNIS	240.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH TRACK	1,217.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN ATH SWIMMING	5,670.00
15.	KELAB, INC MADISON, WI HILLDALE FUND MSN G E A UNIVERSITY ADMIN CHANCELLOR ( TRUST )	310,000.00
16.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR ( TRUST )	10,272.32
17.	PUGET SOUND NATIONAL BANK GRAU, CELIA N. TRUST TACOMA, WI GRAU, CELIA NEWMAN--STUDENT ASSISTANCE MSN L&S CLASSICS ( TRUST )	3,901.70
18.	COUNCIL FOR CHEMICAL RESEARCH BETHLEHEM, PA CHEMICAL ENGINEERING DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR ( TRUST )	3,053.00
19.	XEROX FOUNDATION STAMFORD, CT COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI ( TRUST )	10,000.00

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## MISCELLANEOUS

20. UPJOHN COMPANY  
KALAMAZOO, MI  
MEDICAL MICROBIOLOGY--CHAIRMAN'S DISCRETIONARY  
FUND  
MSN HS-MED MED MICROBIOLOGY ( TRUST ) 1,000.00
21. CHRISTIE'S  
NEW YORK, NY  
ELVEHJEM MUSEUM--ART ACQUISITIONS  
MSN L&S ELVJM MUSEUM ART ( TRUST ) 14,946.16
22. MELLON, ANDREW W. FOUNDATION  
NEW YORK, NY  
MELLON FOUNDATION FELLOWSHIP AWARD. ONE AND THREE  
YEAR FELLOWSHIP SUPPORTS TO ENCOURAGE GRADUATE  
STUDENTS IN ECONOMICS TO DEVELOP EXPERTISE IN AREA  
STUDIES.  
MSN L&S ECONOMICS ( TRUST ) 125,000.00
23. UNIVERSITY OF WISCONSIN FOUNDATION  
WILLIAMSON, ROBERT M.  
MADISON, WI  
BARSCHALL, H. H.--LECTURE FUND IN THE DEPARTMENT  
OF PHYSICS  
MSN L&S PHYSICS ( TRUST ) 100.00
24. SMITH BARNEY HARRIS UPHAM  
MASTEN, HAROLD R. ESTATE  
MADISON, WI  
PROCEEDS FROM THE SALE OF MISC. SECURITIES -  
MASTEN, MABEL G. M.D.--MEMORIAL FUND  
MSN HS-MED ( TRUST ) 270,463.19
25. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN VOCATIONAL EDUCATOR MAGAZINE  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # P.O. PAA01756  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BW16) 30,975.00
26. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ECONOMIC ANALYSIS OF TRADE AND INDUSTRY  
OCCUPATIONS AND INDUSTRIES  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 20-920-150-291  
MSN L&S ECONOMICS (144-BZ10) 13,392.00
27. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
WISCONSIN CLEARINGHOUSE FOR ALCOHOL AND OTHER  
DRUG INFORMATION  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # ORDER #AG-85-601-1  
MSN G E A WIS CLEARINGHOU (144-BZ02) 97,900.00

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## MISCELLANEOUS

- |     |  |           |
|-----|--|-----------|
| 28. | LAC DU FLAMBEAU BAND OF LAKE SUPERIOR<br>CHIPPEWA INDIANS<br>LAC DU FLAMBEAU, WI<br>PRIME CONTRACTOR WITH INTER<br>EVALUATION OF FAMILY CIRCLES PARENTING PROGRAM<br>FOR THE PERIOD 11-01-90 THROUGH 10-31-91<br>AWARD # AGR DTD 12/5/90<br>MSN HS-ADM ADMINISTRATION HLTH POLCY (144-BZ12)                                | 8,987.00  |
| 29. | NASA, AMES RESEARCH CENTER<br>MOFFETT FIELD, CA<br>OPERATION AND MAINTENANCE OF A SQUIRREL MONKEY<br>COLONY TO BREED NASA FLIGHT QUALITY<br>MALE SQUIRREL MONKEYS<br>FOR THE PERIOD 12-13-88 THROUGH 06-12-91<br>AT A TOTAL COST OF \$516,200.00<br>AWARD # NAS2-12939, MOD. 9<br>MSN L&S PSYCHOLOGY PRIMATE LB (144-AT26) | 50,000.00 |
| 30. | NATIONAL ENDOWMENT FOR THE HUMANITIES<br>WASHINGTON, DC<br>PUBLICATION SUPPORT FOR "CHAUCEUR AND THE SUBJECT<br>OF HISTORY" BY LEE PATTERSON<br>FOR THE PERIOD 10-01-90 THROUGH 04-30-92<br>AWARD # RP-21342-90<br>MSN GRAD U W PRESS (144-BZ07)   | 7,000.00  |
| 31. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>MEDICAL SCHOOL DEVELOPMENT FUND<br>MSN HS-MED (133-A117)  | 10,000.00 |
| 32. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY<br>MEDICINE AND PRACTICE<br>MSN HS-MED FAM MED & PRACT (133-A523)   | 53,000.00 |
| 33. | UNIVERSITY PEDIATRIC ASSOCIATES<br>MADISON, WI<br>DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY<br>FUND<br>MSN HS-MED PEDIATRICS (133-A528)  | 61,663.24 |
| 34. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>FRIENDS OF THE ELVEHJEM ART CENTER<br>MSN L&S ELVJM MUSEUM ART (133-B163)   | 14,026.64 |
| 35. | UNIVERSITY ONCOLOGY ASSOCIATES<br>MADISON, WI<br>CLERICAL PERSONNEL SUPPORT<br>MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796)   | 50,000.00 |
| 36. | THE UNIVERSITY CLUB<br>MADISON, WI<br>DEFRAY PORTION OF SALARY OF UNIVERSITY CLUB<br>FACILITIES COORDINATOR<br>MSN G E A SECY OF THE FAC (133-D503)  | 2,821.96  |

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## MISCELLANEOUS

37.	GENERAL DEPARTMENTAL OFFICE EXPENSES MSN HS-MED ANESTHESIOLOGY	(133-D507)	
	28,947.00 UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI		
	370.00 MULTIPLE DONORS		
			29,317.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN ODEL P SV-ARTS	(133-D560)	6,203.17
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	8,000.00
40.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	13,800.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S OFFICE ADMINISTRATIVE ACCOUNT MSN ENGR OPERATIONS	(133-E099)	2,500.00
42.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT CLERICAL SALARIES IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY	(133-E492)	44,279.00
43.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	3,670.44
44.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-E649)	15,000.00
45.	WISCONSIN CORN GROWERS ASSOCIATION MADISON, WI AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY	(133-E980)	3,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	3,000.00

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47.	MULTIPLE DONORS SUPPORT ACTIVITIES OF PULMONARY MEDICINE MSN HS-MED MEDICINE                      PULMON MED      (133-F698)	5,725.00
48.	FRIENDS OF UNIVERSITY HOSPITAL AND CLINICS MADISON, WI PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION      ADMIN                      (133-G047)	8,175.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S      ELVJM MUSEUM ART                      (133-G348)	17,310.00
50.	MULTIPLE DONORS DISCRETIONARY FUND FOR USE OS PHYSIOLOGISTS IN BOTANY MSN L&S      BOTANY                      (133-G608)	1,350.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S      METEOROLOGY                      (133-G869)	1,500.00
52.	DISCRETIONARY GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S      CHEMISTRY                      (133-G952)	
	3,578.00      COUNCIL FOR CHEMICAL RESEARCH, INC. WASHINGTON, DC	
	500.00      ABBOTT LABORATORIES ABBOTT PARK, IL	
	250.00      MULTIPLE DONORS	
		4,328.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADMINISTRATIVE EXPENSES FOR CONDUCT OF NATURAL HISTORY MUSEUMS COUNCIL BUSINESS AND PROJECTS MSN L&S      ZOOLOGY                      (133-H873)	8,000.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DU PONT YOUNG FACULTY AWARD MSN ENGR      CHEMICAL ENGR                      (133-H990)	12,439.00
55.	J. PAUL PETER MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS      SCH OF BUSINESS                      (133-J188)	500.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR      CAREER P&P                      (133-J393)	15,000.00

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57.	ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, THE NETHERLANDS CARBOHYDRATE RESEARCH EDITORIAL EXPENSES MSN AG&LSC BIOCHEMISTRY	(133-J457)	600.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BABCOCK HORTICULTURAL GARDENS MSN AG&LSC HORTICULTURE	(133-J754)	20,000.00
59.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	1,500.00
60.	BARNES (LEWIS) MADISON, WI CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	1,500.00
61.	SEWELL (WILLIAM H) MADISON, WI SEWELL PUBLICATIONS FUND MSN L&S SOCIOLOGY	(133-J983)	200.00
62.	BRUKER INSTRUMENTS, INC. BILLERICA, MA DISCRETIONARY GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-K362)	4,790.00
63.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEPARTMENTAL SUPPORT INCLUDING FACULTY SALARIES, SUPPORT STAFF, SUPPLIES AND EQUIPMENT MSN HS-MED ANESTHESIOLOGY	(133-K533)	43,379.00
64.	MULTIPLE DONORS REHABILITATION CENTER DISCRETIONARY FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-K543)	25.00
65.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	666.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-K748)	3,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	4,000.00
68.	LONGRES (JOHN F.) MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK	(133-L147)	300.00



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69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	2,500.00
70.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	28,078.27
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MYERS & UYEHARA ENGINE FUND MSN ENGR ENGR EXPER STA I COMBUSTN	(133-L437)	1,000.00
72.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	1,773.00
73.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	8,800.00
74.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	7,000.00
75.	DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-M652)	
	1,550.00 SLESINGER (DORIS P) MADISON, WI		
	150.00 MULTIPLE DONORS		
			1,700.00
76.	PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	
	1,820.00 UNIVERSITY PSYCHIATRY GROUP MADISON, WI		
	200.00 MULTIPLE DONORS		
			2,020.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK	(133-M732)	500.00

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78.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY (133-M860)	11,324.95
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDITORIAL EQUIPMENT AND EXPENSES FOR PRODUCTION OF "JOURNAL OF AESTHETICS AND ART CRITICISM" MSN L&S PHILOSOPHY (133-N037)	1,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ECONOMICS CENTENNIAL COMMITTEE MSN L&S ECONOMICS (133-N683)	3,000.00
81.	MARION LABORATORIES INC. KANSAS CITY, MO PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY (133-N697)	5,000.00
82.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS (133-N911)	2,138.50
83.	MULTIPLE DONORS JANET TEDESCO MARSHALL FIGHT FOR LIFE FUND MSN HS-HSP ADMINISTRATION ADMIN (133-P061)	400.00
84.	MULTIPLE DONORS LIVER TRANSPLANT FUND MSN HS-HSP ADMINISTRATION ADMIN (133-P776)	325.00
85.	BERLEX LABORATORIES, INC. WAYNE, NJ RADIOLOGY VISITING PROFESSOR PROGRAM MSN HS-MED RADIOLOGY DIAGNOSTIC (133-P782)	2,500.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S ELVJM MUSEUM ART (133-P918)	4,069.20
87.	HONEYWELL INC. MINNEAPOLIS, MN DISCRETIONARY FUND FOR SILICON MICROSTRUCTURE SENSOR RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q520)	25,000.00
88.	ASSOCIATION OF COLLEGIATE SCHOOLS OF PLANNING CAMBRIDGE, MA EDITING OF VOLUME 7 OF ACSP GRADUATE GUIDE MSN L&S URBAN & REG PLAN (133-Q528)	2,500.00

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89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR EXCHANGE AGREEMENT WITH MOSCOW STATE UNIVERSITY MSN G E A INTL STU & PROGS	(133-Q958)	18,400.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT DISCRETIONARY FUND MSN L&S HISTORY	(133-R042)	360.00
91.	MULTIPLE DONORS MARGARET RILEY FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-R562)	452.00
92.	SMITHKLINE BEECHAM PHILADELPHIA, PA FEDERAL PHARMACIST TRAINING CONFERENCE MSN HS-PHR PHARMACY	(133-R585)	50,000.00
93.	ADVANCED MEDICAL RESEARCH MADISON, WI MEVALONATE METABOLISM RESEARCH DISCRETIONARY ACCOUNT MSN AG&LSC NUTRITIONAL SCI	(133-R602)	1,283.00
94.	KIBBUTZ LANGDON FOUNDATION, INC. MADISON, WI KIBBUTZ LANGDON FOUNDATION DISBURSEMENT FUND MSN L&S HISTORY	(133-R622)	12,500.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SALARIES MSN HS-MED	(133-R695)	2,000,000.00
96.	NEWBERGER (MICHAEL AND SUSAN) FOUNDATION PARKVILLE, MO NEWBERGER FUND MSN L&S HISTORY	(133-R708)	500.00
97.	MULTIPLE DONORS SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC	(133-O199)	370.08
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR	(133-4314)	2,000.00
99.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS	(133-4575)	2,000.00

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100.	UNION CARBIDE CORPORATION DANBURY, CT DISCRETIONARY GRANT FOR CHEMICAL ENGINEERING MSN ENGR    CHEMICAL ENGR                    (133-5929)	10,000.00
101.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS    SCH OF BUSINESS                    (133-5984)	820.00
102.	MULTIPLE DONORS SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY    RAD THERAP    (133-6225)	10.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR    OPERATIONS                    (133-6370)	10,000.00
104.	MUELLER (THERESA CATHERINE) SCHOLARSHIP TRUST MADISON, WI AWARD TO STUDENT (S) AS WINNER (S) IN CONTEST FOR EXCELLENCE IN WRITING SHORT STORIES, ONE-ACT PLAYS OR BOTH AS DETERMINED BY UNIVERSITY OF WISCONSIN ENGLISH DEPARTMENT FACULTY MSN L&S    ENGLISH                    (133-7449)	1,134.23
105.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN GRAD    ARBORETUM                    (133-7854)	250.00
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF COMMUNICATION ARTS CHAIRMAN'S DISCRETIONARY GRANT MSN L&S    COMMUN ARTS                    (133-8261)	6,300.00
107.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC MSN HS-MED ANESTHESIOLOGY                    (133-8682)	111,613.00
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NUTRITIONAL SCIENCES GENERAL PURPOSE FUND MSN AG&LSC NUTRITIONAL SCI                    (133-9610)	2,400.00

## PHYSICAL PLANT

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNIVERSITY OF WISCONSIN GOLF COURSE PLANNING MSN G SERV PLANNING & CONST PLAN&CONST    (133-K552)	17,830.49
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

1. TEXAS (UNIVERSITY OF)  
SOUTHWESTERN MEDICAL CENTER AT DALLAS  
DALLAS, TX  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED SURGERY                      GEN SURG
2. AGRACETUS, INC.  
MIDDLETON, WI  
MATERIAL TRANSFER AGREEMENT  
MSN L&S      BOTANY
3. AMERICAN TYPE CULTURE COLLECTION  
ROCKVILLE, MD  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED HUMAN ONCOLOGY      CLIN ONCOL
4. SCRIPPS CLINIC AND RESEARCH FOUNDATION  
LA JOLLA, CA  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED ONCOLOGY
5. CALIFORNIA (UNIVERSITY OF) LOS ANGELES  
LOS ANGELES, CA  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED ONCOLOGY
6. ORGANISMO INTERNACIONAL REGIONAL DE SANIDAD  
AGROPECUARIA  
SAN SALVADOR, EL SALVADOR  
INTER-INSTITUTIONAL COOPERATIVE AGREEMENT  
MSN VET M    ADM-DEAN'S OFFIC DEAN'S OFF
7. BIOTECHNOLOGY RESEARCH AND DEVELOPMENT CORPORATION  
PEORIA, IL  
MATERIAL TRANSFER AGREEMENT  
MSN AG&LSC BIOCHEMISTRY
8. EARNINGS ON MISC. INVESTMENTS  
PHANEUF, DUANE--MEDICAL RESEARCH  
MSN HS-MED    ( TRUST )                      35.60
9. UW MEDICAL ALUMNI ASSOCIATION  
MADISON, WI  
ANATOMY DEPARTMENT RESEARCH FUND  
MSN HS-MED ANATOMY    ( TRUST )                      25.00
10. AGRACETUS  
MIDDLETON, WI  
MAMMARY CANCER RESEARCH  
MSN HS-MED HUMAN ONCOLOGY      RAD BIOL      ( TRUST )                      5,000.00
11. MULTIPLE DONORS  
WISCONSIN CLINICAL CANCER CENTER--RESEARCH  
MSN HS-MED CANCER CTR    ( TRUST )                      1,250.00

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12. AGRICULTURE, DEPT OF  
PEORIA, IL  
SUPPORT OF AGRICULTURAL RESEARCH OF MUTUAL  
INTEREST  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # 58-5114-7-2003  
MSN AG&LSC ADMIN-DEAN & DIR (144-BW81) 712,700.00
13. AGRICULTURE, DEPT OF  
PHILADELPHIA, PA  
EVALUATION OF BRASSICA OLERACEA GERMPLASM USING  
RFLP'S  
FOR THE PERIOD 09-01-90 THROUGH 08-31-92  
AWARD # 58-3615-0-23  
MSN AG&LSC AGRONOMY (144-BY69) 16,000.00
14. AGRIC, FOREST SERVICE  
MADISON, WI  
TESTING AND IMPROVING CHANGES IN PULP AND PAPER  
CAPACITY PREDICTED BY THE PELPS METHODOLOGY  
FOR THE PERIOD 12-04-90 THROUGH 10-31-91  
AWARD # FP-91-1484  
MSN AG&LSC N RSRCS-FORESTRY (144-BZ04) 16,465.00
15. AGRIC, FOREST SERVICE  
ST PAUL, MN  
DEVELOPING TECHNIQUES FOR PROMOTING EARLY  
FLOWERING IN JACK PINE  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # AGR 23-88-05  
MSN AG&LSC N RSRCS-FORESTRY (144-BY71) 30,000.00
16. AGENCY FOR INTERNATIONAL DEVELOPMENT  
MIAMI, FL  
STUDY OF URBAN LAND TENURE PROBLEMS AND  
POLICIES IN HONDURAS  
FOR THE PERIOD 11-13-90 THROUGH 12-28-90  
AWARD # 522-0324-0-00-1019-00  
MSN AG&LSC LAND TENURE CTR (144-BY65) 24,326.00
17. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
KANSAS CITY, MO  
EXPANSION OF COOPERATIVE RESEARCH USING ADDITIONAL  
MCIDAS INTERACTIVE METEOROLOGICAL WORKSTATION  
FOR THE PERIOD 09-29-89 THROUGH 04-30-91  
AT A TOTAL COST OF \$57,750.00  
AWARD # 50-WCNW-9-06091, MOD. 2  
MSN GRAD SPACE SCI&ENG CT (144-BH73) 17,150.00
18. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
A GOES ARCHIVE-RETRIEVAL SYSTEM  
FOR THE PERIOD 09-21-84 THROUGH 12-31-90  
AT A TOTAL COST OF \$2,300,058.96  
AWARD # NA-84-SAC-00019, MOD. 18  
MSN GRAD SPACE SCI&ENG CT (144-W029) 17,660.00

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19. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ALCOHOL AND OTHER DRUG ABUSE PREVENTION RESOURCE  
CENTER  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
AWARD # AG-075-513-1  
MSN G E A WIS CLEARINGHOUS (144-BY34) 320,000.00
20. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
FOLLOW-UP STUDY OF GED RECIPIENTS IN WISCONSIN  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 20-109-146-131  
MSN EDUC CONTIN & VOC ED (144-BY68) 19,866.00
21. KENOSHA COUNTY DEPARTMENT OF SOCIAL SERVICES  
KENOSHA, WI  
PRIME CONTRACTOR WITH DHHS OS  
KENOSHA COUNTY PROJECT  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AT A TOTAL COST OF \$30,120.00  
AWARD # PC 10-RR (WEJT), MOD. 1  
MSN L&S LAFOLLET PUBL AF (144-BK81) 15,120.00
22. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
DESIGN OF EVALUATION MEASURES FOR CASSP PILOTS  
FOR THE PERIOD 01-02-89 THROUGH 12-31-90  
AWARD # P.O. FDJE 5956  
MSN L&S SOCIOLOGY (144-BZ18) 12,000.00
23. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) RADIATION IN VITRO - MAMMARY NEOPLASIA  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$706,007.00  
AWARD # 5 R37 CA13881-19, MOD. 3  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AR63) 240,625.00
- 2) CHOLESTEROL METABOLISM AND MITOCHONDRIAL  
CYTOCHROME P450  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$376,473.00  
AWARD # 5 R01 DK18585-16, MOD. 3  
MSN HS-MED PHARMACOLOGY (144-AR77) 127,699.00
- 3) THE MECHANISM OF SITE-SPECIFIC RECOMBINATION  
IN YEAST  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$435,572.00  
AWARD # 5 R01 GM37835-05, MOD. 3  
MSN AG&LSC BIOCHEMISTRY (144-AR88) 150,141.00

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- 4) REGULATION OF GLUCONEOGENESIS IN DIABETES  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$194,575.00  
AWARD # 5 RO1 DK20678-13, MOD. 3  
MSN GRAD ENZYME INSTITUTE (144-AS10) 58,592.00
  
- 5) SYNAPTIC ORGANIZATION IN THE SUPERIOR COLLICULUS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$268,379.00  
AWARD # 5 RO1 EYO4478-09, MOD. 3  
MSN VET M CMPARTV BIOSCI'S (144-AS20) 93,711.00
  
- 6) MEDIAL THALAMIC MECHANISMS OF NOCICEPTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$200,651.00  
AWARD # 5 RO1 NS26850-03, MOD. 2  
MSN VET M CMPARTV BIOSCI'S (144-AS21) 63,755.00
  
- 7) CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME  
STRUCTURE  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$461,042.00  
AWARD # 5 RO1 AI17331-11, MOD. 2  
MSN AG&LSC VETERINARY SCI (144-AS25) 153,445.00
  
- 8) PROCOLLAGEN: SECRETION, ASSEMBLY AND  
CELL RECEPTORS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$493,192.00  
AWARD # 5 RO1 AR38174-05, MOD. 3  
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AS27) 176,861.00
  
- 9) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$515,905.00  
AWARD # 5 RO1 EYO1331-16, MOD. 3  
MSN HS-MED OPHTHALMOLOGY (144-AS28) 182,580.00
  
- 10) MECHANISM AND CONTROL OF MICROTUBULE ASSEMBLY  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$778,931.00  
AWARD # 5 R37 GM25062-13, MOD. 3  
MSN GRAD MOLECULAR BIOL (144-AS44) 260,802.00
  
- 11) STRUCTURE, ORGANIZATION AND EXPRESSION OF SNRNA  
GENES  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$995,842.00  
AWARD # 5 RO1 GM30220-09, MOD. 3  
MSN HS-MED PHYSIOLOG CHEM (144-AS47) 340,110.00
  
- 12) NUTRITIONAL FACTORS IN  
AGE RELATED OCULAR DISORDERS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$432,325.00  
AWARD # 5 RO1 EYO8012-03, MOD. 2  
MSN HS-MED OPHTHALMOLOGY (144-AS56) 135,918.00



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- 13) MUTATIONAL ANALYSIS OF E. COLI CORE RNA POLYMERASE  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$645,040.00  
AWARD # 5 RO1 AI19635-09, MOD. 2  
MSN AG&LSC BACTERIOLOGY (144-AS60) 223,067.00
  
- 14) RADIATION DOSE CALCULATION USING CONVOLUTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$248,688.00  
AWARD # 5 R29 CA48902-03, MOD. 3  
MSN HS-MED MEDICAL PHYSICS (144-AS70) 84,048.00
  
- 15) EXTENDED HEART PRESERVATION WITH U.W. SOLUTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$287,200.00  
AWARD # 5 R29 HL41845-03, MOD. 3  
MSN HS-MED SURGERY THORACIC S (144-AS81) 101,267.00
  
- 16) BOTULINUM NEUROTOXINS: STRUCTURE AND  
STRUCTURE-FUNCTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$822,644.00  
AWARD # 5 RO1 NS17742-09, MOD. 2  
MSN AG&LSC FOOD MICRO&TOXIC (144-AS85) 298,747.00
  
- 17) INHIBITION OF ORNITHINE DECARBOXYLASE  
BY RETINOIC ACID  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$408,908.00  
AWARD # 5 RO1 CA42585-05, MOD. 3  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AS86) 139,533.00
  
- 18) NEUROPATHOLOGY DUE TO ONCOGENE FROM SV40 VIRUS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$279,711.00  
AWARD # 5 RO1 NS22475-06, MOD. 2  
MSN VET M PATHOBIOLGCL SCI (144-AS88) 97,442.00
  
- 19) BIOCATALYTIC SYSTEMS IN ORGANIC SYNTHESIS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$400,076.00  
AWARD # 5 RO1 GM33149-11, MOD. 3  
MSN HS-PHR PHARMACY (144-AS92) 133,722.00
  
- 20) IMMUNOBIOLOGY OF AFRICAN TRYPA NOSOMIASIS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$752,009.00  
AWARD # 5 RO1 AI22441-07, MOD. 2  
MSN AG&LSC VETERINARY SCI (144-AS93) 260,871.00
  
- 21) ION EFFECTS ON INTERACTIONS OF RNA POLYMERASE  
AND DNA  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$851,917.00  
AWARD # 5 RO1 GM23467-15, MOD. 2  
MSN L&S CHEMISTRY (144-AT14) 294,925.00

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- 22) CARCINOGEN-TRANSFORMED HUMAN CELLS:  
GENETIC TRAITS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$507,052.00  
AWARD # 5 R37 CA42024-07, MOD. 3  
MSN HS-MED ONCOLOGY (144-AT27) 168,395.00
  
- 23) BIOLOGICAL AND MOLECULAR STUDIES  
OF A-MULV TUMORIGENESIS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$373,365.00  
AWARD # 5 R01 CA41302-06, MOD. 3  
MSN HS-MED ONCOLOGY (144-AT30) 131,132.00
  
- 24) IMMUNOBIOLOGY OF SCHISTOSOME-MOLLUSC INTERACTIONS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$287,014.00  
AWARD # 5 R01 AI15503-14, MOD. 2  
MSN VET M PATHOBIOLOGCL SCI (144-AT65) 105,304.00
  
- 25) INTESTINAL FUNCTION IN A HIBERNATOR:  
ADAPTIVE CHANGES  
FOR THE PERIOD 04-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$256,832.00  
AWARD # 5 R29 DK39668-05, MOD. 2  
MSN VET M CMPARTV BIOSCI'S (144-AX87) 106,754.00
  
- 26) SPEECH MOVEMENT RESEARCH WITH AN X-RAY MICROBEAM  
FOR THE PERIOD 09-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$1,735,913.00  
AWARD # 3 P50 DC00162-10S2, MOD. 3  
MSN GRAD WAISMAN CENTER (144-BE69) 425,245.00
  
- 27) BIOSYNTHESIS OF IRON-MOLYBDENUM  
COFACTOR OF NITROGENASE  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$290,800.00  
AWARD # 5 R01 GM35332-05, MOD. 2  
MSN AG&LSC BIOCHEMISTRY (144-BJ45) 138,794.00
  
- 28) NMR AND MONTE CARLO STUDIES OF CATION-DNA  
INTERACTIONS  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$341,877.00  
AWARD # 5 R01 GM34351-07, MOD. 1  
MSN L&S CHEMISTRY (144-BJ59) 156,569.00
  
- 29) TEMPLATE SWITCHING DURING REVERSE TRANSCRIPTION  
FOR THE PERIOD 12-15-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$242,646.00  
AWARD # 1 R01 CA49741-02, MOD. 1  
MSN HS-MED ONCOLOGY (144-BJ64) 121,352.00
  
- 30) STRUCTURAL ANALYSIS OF LIPOPOLYSACCHARIDES AND  
LIPID A  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$255,162.00  
AWARD # 5 R01 GM36054-06, MOD. 2  
MSN AG&LSC BACTERIOLOGY (144-BJ72) 124,593.00

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- 31) A PILOT STUDY OF CANCER PAIN  
FOR THE PERIOD 12-10-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$672,638.00  
AWARD # 5 R01 CA26582-11, MOD. 2  
MSN HS-MED NEUROLOGY (144-BJ74) 333,688.00
  
- 32) SPECTRAL TEMPORAL FACTORS IN PERCEPTION OF FLUENT  
SPEECH  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$204,005.00  
AWARD # 5 R29 DCO0719-02, MOD. 1  
MSN L&S PSYCHOLOGY (144-BJ77) 96,338.00
  
- 33) THE DROSOPHILA PARA LOCUS: GENETIC AND  
MOLECULAR STUDIES  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$198,595.00  
AWARD # 5 R01 GM43100-02, MOD. 1  
MSN AG&LSC GENETICS (144-BK38) 94,743.00
  
- 34) PHYSIOLOGICAL STUDIES ON A PARASITE NEMATODE  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$360,476.00  
AWARD # 5 R01 AI15429-13, MOD. 1  
MSN L&S ZOOLOGY (144-BK39) 180,307.00
  
- 35) ROLE OF PHOSPHOLIPASE A2 ACTIVATION IN INSULIN  
RELEASE  
FOR THE PERIOD 09-16-90 THROUGH 06-30-91  
AWARD # 7 R01 DK37312-06  
MSN HS-MED MEDICINE ENDOCRINOL (144-BW41) 144,900.00
  
- 36) DENTAL TREATMENT AND RECURRENT HERPES LABIALIS  
FOR THE PERIOD 09-30-90 THROUGH 09-29-91  
AWARD # 1 R03 DE09370-01  
MSN HS-MED PREVENTIVE MED (144-BX60) 20,729.00
  
- 37) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: OPHTHALMOLOGY  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
AWARD # 5 F32 EY06254-02  
MSN HS-MED OPHTHALMOLOGY (144-BY13) 31,750.00
  
- 38) REGULATION OF CILIARY MOTION BY CYCLIC  
NUCLEOTIDES  
FOR THE PERIOD 12-15-90 THROUGH 11-30-91  
AWARD # 2 R01 GM34906-06  
MSN AG&LSC BIOCHEMISTRY (144-BY47) 128,337.00
  
- 39) INTEGRATED MICROSCOPY RESOURCE FOR BIOMEDICAL  
RESEARCH  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # 5 P41 RRO0570-21  
MSN GRAD MOLECULAR BIOL (144-BY73) 589,607.00

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- 40) CHILDREN'S CANCER STUDY GROUP  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # 5 U10 CA05436-25  
MSN HS-MED PEDIATRICS (144-BY79) 92,887.00
- 41) CARDIOVIRAL POLY(C) TRACTS AND  
VIRUS PATHOGENESIS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 1 RO1 AI30566-01  
MSN AG&LSC VETERINARY SCI (144-BY80) 184,037.00
- 42) BEHAVIOR OF P FACTORS:  
MOVABLE ELEMENTS IN DROSOPHILA  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # 2 RO1 GM30948-09  
MSN HS-MED GENETICS (144-BY91) 261,725.00
- 43) KIDNEY TRANSPLANT AND DONOR-SPECIFIC TRANSFUSIONS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 DK31774-09  
MSN HS-MED SURGERY GEN SURG (144-BY94) 228,600.00
- 44) LABORATORY STUDIES OF PAIN CONTROL METHODS  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # 2 RO1 NS22677-04A2  
MSN HS-MED NEUROLOGY (144-BY96) 233,383.00
- 45) SPECTROSCOPIC STUDIES OF ENZYME-SUBSTRATE  
COMPLEXES  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 GM35752-06  
MSN GRAD ENZYME INSTITUTE (144-BZ05) 172,484.00
- 46) CONTROL PROCESSES IN MAMMALIAN CELLS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 DK10334-26  
MSN GRAD ENZYME INSTITUTE (144-BZ08) 108,464.00
- 47) PHYSIOLOGICAL CHARACTERISTICS OF OROFACIAL  
BRADYKINESIA  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # 1 RO3 DC01028-01  
MSN HS-MED NEUROLOGY (144-BZ11) 34,326.00
- 48) TRANSPLANTATION OF ENDOCRINE TISSUES  
FOR THE PERIOD 02-01-90 THROUGH 01-31-91  
AWARD # 2 RO1 DK35446-06A1  
MSN HS-MED SURGERY GEN SURG (144-BZ13) 159,922.00
- 49) REGULATION OF THE HEAT SHOCK RESPONSE IN E. COLI  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 GM36278-06  
MSN AG&LSC BACTERIOLOGY (144-BZ14) 218,028.00
- 50) MATURATION OF LIVER FOR THE METABOLISM  
OF BILIRUBIN  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 DK21668-13A2  
MSN HS-MED PEDIATRICS (144-BZ16) 162,359.00

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- 51) CYTOTOXIC NITROGEN HETEROCYCLES  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 CA17918-17  
MSN L&S CHEMISTRY (144-BZ33) 279,385.00
24. DOD, AIR FORCE  
BOLLING AFB, DC  
COMPUTATION AND THEORY IN LARGE-SCALE  
OPTIMIZATION  
FOR THE PERIOD 11-15-90 THROUGH 11-14-91  
AWARD # AFOSR-91-0089  
MSN ENGR INDUSTRIAL ENGR (144-BU67) 49,737.00
25. DOD, AIR FORCE  
HANSCOM AFB, MA  
DEVELOPMENT OF ALGORITHMS TO MEASURE  
ATMOSPHERIC QUANTITIES FROM AIRCRAFT BORNE AND  
GROUND BASED LIDAR  
FOR THE PERIOD 04-21-88 THROUGH 07-31-91  
AT A TOTAL COST OF \$298,863.00  
AWARD # F19628-87-K-0056, MOD. 4  
MSN GRAD SPACE SCI&ENG CT (144-AG84) 28,863.00
26. MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
LINCOLN LABORATORY  
LEXINGTON, MA  
PRIME CONTRACTOR WITH DOD AF  
CONSTRUCT AN AUTOMATED SYSTEM TO SUPPORT ASR-9  
SITE ADAPTATION, EVALUATION AND OPTIMIZATION  
FOR THE PERIOD 10-10-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$763,789.15  
AWARD # P.O. BX-3444, MOD. 6  
MSN GRAD SPACE SCI&ENG CT (144-BJ54) 46,065.15
27. SOUTHEASTERN CENTER FOR ELECTRICAL ENGINEERING  
EDUCATION (SCEEE)  
ST CLOUD, FL  
PRIME CONTRACTOR WITH DOD AF  
LABORATORY GRADUATE FELLOWSHIP PROGRAM  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
AT A TOTAL COST OF \$30,282.00  
AWARD # PO #SSAN 479-76-1032, MOD. 1  
MSN ENGR MAT SCI & ENGR (144-BU02) 18,282.00
28. DOD, ARMY  
FREDERICK, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ARMY MEDICAL IMAGING SYSTEM  
FOR THE PERIOD 10-15-87 THROUGH 12-31-91  
AT A TOTAL COST OF \$829,039.00  
AWARD # DAMD17-88-C-8058, MOD. 4  
MSN HS-MED MEDICAL PHYSICS (144-AB69) 95,000.00
- 2) EFFECTS OF HIGH ALTITUDE HYPOXIA ON LUNG AND  
CHEST WALL FUNCTION DURING EXERCISE AND SLEEP  
FOR THE PERIOD 06-30-88 THROUGH 09-29-91  
AT A TOTAL COST OF \$443,863.00  
AWARD # DAMD17-88-C-8053, MOD. 4  
MSN HS-MED PREVENTIVE MED (144-AK82) 104,513.00

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- |     |  |                       |            |
|-----|--|-----------------------|------------|
| 3)  | ABILITY OF BLOOD WITH ALTERED OXYGEN AFFINITY AND HEMOGLOBIN SOLUTIONS TO DELIVER OXYGEN FOR THE PERIOD 11-15-88 THROUGH 12-14-91 AT A TOTAL COST OF \$508,399.00 AWARD # DAMD17-89-Z-9004, MOD. 5 MSN HS-MED MEDICINE               | HEMATOLOGY (144-AR98) | 171,556.00 |
| 29. | DOD, NAVY ARLINGTON, VA IN SUPPORT OF THE FOLLOWING:   |                       |            |
| 1)  | ELECTRON SPECTROSCOPY STUDIES OF METAL-SEMICONDUCTOR INTERFACES AND HIGH TEMPERATURE SUPERCONDUCTORS FOR THE PERIOD 10-01-88 THROUGH 09-30-91 AT A TOTAL COST OF \$238,418.00 AWARD # NOO014-89-J-1079, MOD. 2 MSN L&S PHYSICS       | (144-AQ89)            | 83,928.00  |
| 2)  | SCANNING TUNNELING MICROSCOPY/SPECTROSCOPY STUDIES OF NANOSTRUCTURES IN GAAS FOR THE PERIOD 12-01-89 THROUGH 11-30-91 AT A TOTAL COST OF \$130,290.00 AWARD # NOO014-90-J-1306, MOD. 1 MSN ENGR MAT SCI & ENGR                       | (144-BJ87)            | 76,190.00  |
| 30. | ENERGY, DEPT OF ARGONNE, IL IN SUPPORT OF THE FOLLOWING:   |                       |            |
| 1)  | RADIOGENIC NEOPLASIA IN THYROID AND MAMMARY CLONOGENS FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AT A TOTAL COST OF \$269,122.00 AWARD # DE-FG02-87ER60507, MOD. 7 MSN HS-MED HUMAN ONCOLOGY RAD BIOL                                  | (144-BJ94)            | 2,580.00   |
| 2)  | EXPERIMENTAL INVESTIGATIONS OF ICRF EFFECTS FOR THE PERIOD 11-15-90 THROUGH 11-14-91 AWARD # DE-FG02-88ER53264, MOD. 9 MSN ENGR NUC ENGR&E PHYSIC  | (144-BX88)            | 165,000.00 |
| 3)  | EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS FOR THE PERIOD 04-01-60 THROUGH 11-30-90 AT A TOTAL COST OF \$70,899,756.00 AWARD # DE-AC02-76ERO0881, MOD. 50 MSN L&S PHYSICS  | (144-E164)            | 267,880.00 |
| 31. | WESTINGHOUSE ELECTRIC CORPORATION MADISON, PA PRIME CONTRACTOR WITH DOE CONDENSATION HEAT TRANSFER TESTS FOR THE PERIOD 05-01-90 THROUGH 12-31-90 AT A TOTAL COST OF \$28,400.00 AWARD # MAO2823H, MOD. 1 MSN ENGR NUC ENGR&E PHYSIC | (144-BP57)            | 3,400.00   |

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32. ALCOA SEPARATIONS TECHNOLOGY DIVISION  
WARRENDALE, PA  
PRIME CONTRACTOR WITH DOE  
HIGH TEMPERATURE CATALYTIC MEMBRANE REACTOR  
FOR THE PERIOD 11-16-89 THROUGH 10-31-90  
AWARD # AGR DTD 12-17-90, MOD. 3  
MSN ENGR ENGR EXPER STA WSEL (144-BJ16) 203,418.00
33. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH EPA  
UNDERGROUND TANK TECHNOLOGY UPDATE (UTTU)  
NEWSLETTER  
FOR THE PERIOD 01-01-91 THROUGH 12-31-92  
AWARD # NRA 91432  
MSN ENGR ENGR PRFSNL DVL P (144-BZ34) 44,000.00
34. INTERNATIONAL BUSINESS MACHINES CORPORATION  
ARMONK, NY  
IBM RISC SYSTEM/6000 HIGHER EDUCATION  
SOFTWARE DEVELOPER/S AGREEMENT  
MSN L&S CHEMISTRY
35. WI DEPT OF INDUSTRY LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
ICDM PRODUCT REVISION AND TRAINING DEVELOPMENT  
PROJECT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # PO #ILAO1534  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BS59) 173,682.00
36. CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 01-01-84 THROUGH 11-30-90  
AT A TOTAL COST OF \$540,000.00  
AWARD # 65B-580912, MOD. 33  
MSN L&S SPACE ASTRON LAB (144-U151) 20,000.00
37. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
PRELIMINARY PILOT DATA FOR SLS-1 EXPERIMENTAL  
PROTOCOL BIOCHEMICAL MORPHOLOGICAL AND  
BIOMECHANICAL PROPERTIES OF RAT BONES  
FOR THE PERIOD 06-01-89 THROUGH 09-30-91  
AT A TOTAL COST OF \$88,000.00  
AWARD # NCC 2-619, MOD. 2  
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BB53) 50,000.00
38. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:

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- 1) THE MEASUREMENT OF ATOMIC TRANSITION PROBABILITIES  
OF METAL ATOMS AND IONS OF ASTROPHYSICAL INTEREST  
FOR THE PERIOD 06-01-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$108,000.00  
AWARD # NAG 5-1048, MOD. 3  
MSN L&S      PHYSICS      (144-AG85)      25,000.00
- 2) LASER ALTIMETRY AND RANGING OVER THE WEST  
ANTARCTIC ICE SHEET  
FOR THE PERIOD 11-01-89 THROUGH 12-14-90  
AT A TOTAL COST OF \$38,000.00  
AWARD # NAS5-33015, MOD. 3  
MSN L&S      GEOL & GEOPHYSCS GEO&POL R      (144-BJ31)      15,000.00
- 3) INVESTIGATION OF THE LASER ATMOSPHERE  
WIND SOUNDER (LAWS) FACILITY INSTRUMENT  
FOR THE PERIOD 01-29-90 THROUGH 06-30-91  
AT A TOTAL COST OF \$77,500.00  
AWARD # NAS5-30752, MOD. 2  
MSN GRAD      SPACE SCI&ENG CT      (144-BLO5)      37,500.00
- 4) INVESTIGATION OF DATA FROM THE ATMOSPHERIC  
INFRARED SOUNDER (AIRS) FACILITY INSTRUMENT  
ON EARTH OBSERVING SYSTEM (EOS)  
FOR THE PERIOD 01-29-90 THROUGH 07-31-91  
AT A TOTAL COST OF \$77,500.00  
AWARD # NAS5-30770, MOD. 2  
MSN GRAD      SPACE SCI&ENG CT      (144-BLO9)      52,500.00
- 5) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING  
A HIGH SPEED PHOTOMETER  
FOR THE PERIOD 03-02-78 THROUGH 12-31-90  
AT A TOTAL COST OF \$11,707,203.70  
AWARD # NAS5-24487, MOD. 69  
MSN GRAD      SPACE SCI&ENG CT      (144-L324)      185,000.00
- 6) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER  
FOR THE PERIOD 03-10-80 THROUGH 02-15-91  
AT A TOTAL COST OF \$7,719,701.00  
AWARD # NAS5-26078, MOD. 34  
MSN GRAD      SPACE SCI&ENG CT      (144-P296)      346,574.00
- 7) SCIENCE VERIFICATION CALIBRATION, AND  
GUARANTEED TIME OBSERVATIONS OF THE HIGH  
RESOLUTION SPECTROGRAPH OF THE HUBBLE  
SPACE TELESCOPE  
FOR THE PERIOD 09-16-86 THROUGH 03-31-91  
AT A TOTAL COST OF \$565,671.00  
AWARD # NAS5-29368, MOD. 15  
MSN L&S      SPACE ASTRON LAB      (144-Y657)      64,000.00
39. NASA, HEADQUARTERS  
WALLOPS ISLAND, VA  
A SPATIAL HETERODYNE SPECTROMETER FOR  
INVESTIGATION OF INTERSTELLAR FAR ULTRAVIOLET  
EMISSION LINES  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # NAG5-674  
MSN L&S      PHYSICS      (144-BY95)      49,999.00



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40. NASA, HEADQUARTERS  
WASHINGTON, DC  
FABRY-PEROT GROUND-BASED OBSERVATIONS OF  
COMETS AND THE JUPITER PLASMA TORUS  
FOR THE PERIOD 01-15-88 THROUGH 01-14-92  
AT A TOTAL COST OF \$321,757.00  
AWARD # NAGW-695, MOD. 9  
MSN L&S PHYSICS (144-AC79) 30,000.00
41. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
THE DICTIONARY OF AMERICAN REGIONAL ENGLISH  
FOR THE PERIOD 07-01-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$641,200.00  
AWARD # RT-20830-89, MOD. 3  
MSN L&S ENGLISH (144-AK03) 195,600.00
42. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
DOCUMENTS OF FREEDOM  
FOR THE PERIOD 12-01-90 THROUGH 04-30-91  
AWARD # FY90-059(L)  
MSN OUTRCH LIBERAL STUDIES (144-BY98) 1,500.00
43. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
THE COURAGE TO WRITE, PHASE 2: WOMEN NOVELISTS  
OF 19TH-CENTURY AMERICA  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
AWARD # FY91-002(L)  
MSN OUTRCH LIBERAL STUDIES (144-BZ17) 14,388.00
44. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) A STUDY OF TISSUE-, ONTOGENETIC- AND  
ENVIRONMENTAL SPECIFICITY OF GIBBERELLIN  
BIOSYNTHESIS MUTANTS IN PISUM SATIVUM  
FOR THE PERIOD 05-01-88 THROUGH 10-31-91  
AT A TOTAL COST OF \$292,040.00  
AWARD # DCB-8718540, MOD. 4  
MSN AG&LSC AGRONOMY (144-AG29) 49,000.00
  - 2) SEASONAL HEAT BUDGET AND THERMAL STRUCTURE  
OF THE TROPICAL OCEANS  
FOR THE PERIOD 05-01-88 THROUGH 10-31-91  
AT A TOTAL COST OF \$264,484.00  
AWARD # OCE-8722704, MOD. 3  
MSN L&S METEOROLOGY (144-AH11) 90,000.00
  - 3) BEHAVIORAL OF MINERAL MATTER DURING COMBUSTION  
AND GASIFICATION OF WOOD  
FOR THE PERIOD 06-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$89,998.00  
AWARD # CTS-8805868, MOD. 3  
MSN ENGR MECHANICAL ENGR MECH ENGR (144-AH91) 20,144.00

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- 4) MICROWAVE SPECTROSCOPY OF MOLECULAR IONS IN  
DISCHARGE AND MAGNETICALLY CONFINED  
AFTERGLOW PLASMAS  
FOR THE PERIOD 11-15-88 THROUGH 10-31-91  
AT A TOTAL COST OF \$573,760.00  
AWARD # CHE-8814067, MOD. 3  
MSN L&S CHEMISTRY (144-AN76) 144,000.00
  
- 5) THEORY OF SUPERCONDUCTIVITY IN CORRELATED  
ELECTRON SYSTEMS  
FOR THE PERIOD 09-15-88 THROUGH 02-28-92  
AT A TOTAL COST OF \$101,300.00  
AWARD # DMR-8813852, MOD. 2  
MSN L&S PHYSICS (144-AQ35) 34,000.00
  
- 6) ENGINEERING RESEARCH CENTER FOR  
PLASMA-AIDED MANUFACTURING  
FOR THE PERIOD 10-01-88 THROUGH 09-30-91  
AT A TOTAL COST OF \$5,856,000.00  
AWARD # ECD-8721545, MOD. 4  
MSN ENGR ENGR EXPR STA PLASMA ERC (144-AQ47) 159,000.00
  
- 7) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
PLANT ECOPHYSIOLOGY OF TEMPERATE AND TROPICAL  
FOREST SYSTEMS  
FOR THE PERIOD 11-01-88 THROUGH 04-30-92  
AT A TOTAL COST OF \$150,000.00  
AWARD # BSR-8857129, MOD. 2  
MSN AG&LSC N RSRCS-FORESTRY (144-AQ96) 62,500.00
  
- 8) BIOCHEMICAL AND MOLECULAR ANALYSIS OF MUTATIONS  
CAUSED BY TRANSPOSABLE ELEMENT INSERTIONS IN THE  
BZ LOCUS OF MAIZE  
FOR THE PERIOD 10-15-88 THROUGH 09-30-91  
AT A TOTAL COST OF \$232,698.00  
AWARD # DMB-8811036, MOD. 3  
MSN AG&LSC GENETICS (144-AR73) 12,315.00
  
- 9) DIAGENESIS OF CAROTENOID AND CHLOROPHYLL  
PIGMENTS IN LAKE SEDIMENTS  
FOR THE PERIOD 12-15-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$220,463.00  
AWARD # EAR-8816561, MOD. 3  
MSN ENGR ENGR EXPR STA WSEL (144-AS22) 76,592.00
  
- 10) THE MEASUREMENT OF ATOMIC TRANSITION PROBABILITIES  
OF METAL ATOMS AND IONS OF ASTROPHYSICAL INTEREST  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$165,390.00  
AWARD # AST-8821051, MOD. 2  
MSN L&S PHYSICS (144-AS51) 57,500.00
  
- 11) PHASE EQUILIBRIA, THERMODYNAMICS AND RELATED  
STUDIES OF TERNARY AND HIGHER ALLOY SYSTEMS  
FOR THE PERIOD 01-15-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$445,146.00  
AWARD # DMR-8819758, MOD. 3  
MSN ENGR MAT SCI & ENGR (144-AS95) 110,700.00

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- 12) THEORY OF PHYSICALLY ADSORBED LAYERS  
FOR THE PERIOD 01-15-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$122,180.00  
AWARD # DMR-8817761, MOD. 2  
MSN L&S PHYSICS (144-AT34) 41,000.00
- 13) SYNCHROTRON RADIATION CENTER  
FOR THE PERIOD 05-01-89 THROUGH 03-31-92  
AT A TOTAL COST OF \$8,045,100.00  
AWARD # DMR-8821625, MOD. 2  
MSN GRAD SYNCHR RAD CTR SRC ADMIN (144-AU17) 3,400,000.00
- 14) TRANSITION TO AGRICULTURE IN  
SOUTHERN SCANDINAVIA  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$121,668.00  
AWARD # BNS-8902421, MOD. 1  
MSN L&S ANTHROPOLOGY (144-BA55) 68,613.00
- 15) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
FIELD RESEARCH ON WOOLLY SPIDER MONKEYS  
(BRACHYTELES ARACHNOIDES)  
FOR THE PERIOD 08-01-89 THROUGH 07-31-91  
AT A TOTAL COST OF \$53,070.00  
AWARD # BNS-8958298, MOD. 1  
MSN L&S ANTHROPOLOGY (144-BD35) 25,000.00
- 16) COLLABORATIVE RESEARCH:  
MODELLING LIFE TRANSITIONS  
FOR THE PERIOD 09-15-89 THROUGH 08-31-92  
AT A TOTAL COST OF \$81,999.00  
AWARD # SES-8911648, MOD. 1  
MSN L&S SOCIOLOGY (144-BD98) 41,000.00
- 17) HIGH-PERFORMANCE LINEAR INDUCTION MOTOR-BASED  
MATERIAL MOVER  
FOR THE PERIOD 10-01-89 THROUGH 09-30-91  
AT A TOTAL COST OF \$276,828.00  
AWARD # DDM-8912361, MOD. 3  
MSN ENGR ENGR EXPER STA MFG SY ENG (144-BG59) 5,040.00
- 18) SPECTROSCOPIC STUDIES OF PARTIAL OXIDATION  
CATALYSTS DURING THEIR GENESIS & USE  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$180,000.00  
AWARD # CTS-8912635, MOD. 1  
MSN ENGR CHEMICAL ENGR (144-BK28) 90,000.00
- 19) ROSSBY WAVES ENTERING THE EQUATORIAL MIDDLE  
ATMOSPHERE  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$119,628.00  
AWARD # ATM 8918574, MOD. 1  
MSN L&S METEOROLOGY (144-BK91) 70,000.00

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- 20) INVERSE SCATTERING THEORY (REDUCTION DUE TO PI  
TRANSFER TO YALE)  
FOR THE PERIOD 05-15-90 THROUGH 09-01-90  
AT A TOTAL COST OF \$12,192.00  
AWARD # DMS-9000054, MOD. 1  
MSN L&S MATHEMATICS (144-BR79) 19,200.00-
- 21) CONTROL AND PERFORMANCE OF CENTRALIZED HEATING  
AND COOLING SYSTEMS  
FOR THE PERIOD 11-15-90 THROUGH 10-31-92  
AWARD # MSM-8921586  
MSN ENGR ENGR EXPER STA SOLAR ENRG (144-BS55) 70,000.00
- 22) TRANSFERRING THE IPS-2 PERFORMANCE TOOLS INTO THE  
SUPERCOMPUTER ENVIRONMENT  
FOR THE PERIOD 09-15-90 THROUGH 02-29-92  
AWARD # ASC-9015462  
MSN L&S COMPUTER SCI (144-BU61) 57,201.00
- 23) DISSERTATION RESEARCH: COMPLEMENTARY APPROACHES TO  
SUBSISTENCE STUDIES IN NORTHWEST INDIA  
FOR THE PERIOD 01-01-91 THROUGH 06-30-92  
AWARD # BNS-9024580  
MSN L&S ANTHROPOLOGY (144-BY64) 11,920.00
- 24) ESTIMATING IN SITU STRESS MAGNITUDES AT GREAT  
DEPTHS FROM BOREHOLE BREAKOUTS - A LABORATORY  
STUDY  
FOR THE PERIOD 12-15-90 THROUGH 11-30-91  
AWARD # EAR-9004688  
MSN ENGR MAT SCI & ENGR (144-BY66) 78,830.00
- 25) POSTDOCTORAL FELLOWSHIP INSTITUTIONAL ALLOWANCE  
FOR THE PERIOD 07-27-90 THROUGH 07-26-92  
AWARD # CHK. DTD. 11-13-90  
MSN L&S BOTANY (144-BY67) 4,800.00
- 26) ATTENUATION AND MELT MIGRATION  
IN SILICATE PARTIAL MELTS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # EAR-9005226  
MSN ENGR MAT SCI & ENGR (144-BY72) 77,000.00
- 27) U.S. - BRAZIL COOPERATIVE RESEARCH ON  
ELECTROMAGNETIC PROCESSES IN HEAVY-ION PHYSICS  
FOR THE PERIOD 11-15-90 THROUGH 10-31-93  
AWARD # INT-9001308  
MSN L&S PHYSICS (144-BY86) 13,860.00
- 28) UPGRADE OF COMPUTATIONAL FACILITIES FOR  
GEOPHYSICAL RESEARCH  
FOR THE PERIOD 01-01-91 THROUGH 12-31-92  
AWARD # EAR-9019555  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-BY90) 41,500.00

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- 29) LTER: COMPARATIVE STUDIES OF A SUITE OF LAKES  
IN WISCONSIN  
FOR THE PERIOD 01-01-91 THROUGH 10-31-91  
AWARD # BSR-9011660  
MSN L&S LIMNOLOGY CTR (144-BZ01) 395,850.00
- 30) RECEPTORS FOR BOVINE PLACENTAL PROLACTIN-RELATED  
HORMONES  
FOR THE PERIOD 04-01-91 THROUGH 03-31-92  
AWARD # DCB-9018633  
MSN VET M CMPARTV BIOSCI'S (144-BZ39) 80,000.00
- 31) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
NUTRITIONAL PHYSIOLOGY AND ECOLOGY  
FOR THE PERIOD 07-15-85 THROUGH 06-30-91  
AT A TOTAL COST OF \$282,763.00  
AWARD # BSR-8452089, MOD. 8  
MSN AG&LSC N R-WILDLIF ECOL (144-W894) 8,702.00
- 32) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
COMPUTER AND INFORMATION SCIENCE  
FOR THE PERIOD 06-15-87 THROUGH 11-30-91  
AT A TOTAL COST OF \$249,500.00  
AWARD # IRI-8657323, MOD. 4  
MSN L&S COMPUTER SCI (144-Z345) 62,500.00
- 33) PRESIDENTIAL YOUNG INVESTIGATOR AWARD: SOUTH  
ASIAN ARCHAEOLOGY AND ARCHAEOLOGICAL STUDIES  
FOR THE PERIOD 08-01-87 THROUGH 01-31-92  
AT A TOTAL COST OF \$103,500.00  
AWARD # BNS-8657304, MOD. 4  
MSN L&S ANTHROPOLOGY (144-Z419) 25,000.00
- 34) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
NUCLEAR MAGNETIC RESONANCE INVESTIGATION  
OF ADSORBED SPECIES  
FOR THE PERIOD 08-01-87 THROUGH 01-31-92  
AT A TOTAL COST OF \$214,500.00  
AWARD # CBT-8657496, MOD. 6  
MSN ENGR CHEMICAL ENGR (144-Z854) 25,000.00
45. UNIVERSITY CORPORATION FOR ATMOSPHERIC  
RESEARCH  
BOULDER, CO  
PRIME CONTRACTOR WITH NSF  
UNIDATA BROADCAST  
FOR THE PERIOD 03-01-88 THROUGH 09-30-91  
AT A TOTAL COST OF \$652,084.00  
AWARD # ATM-8709659, MOD. 7  
MSN GRAD SPACE SCI&ENG CT (144-AM43) 206,172.00
46. UNIVERSITY OF MAINE SYSTEM  
ORONO, ME  
PRIME CONTRACTOR WITH NSF  
INTEGRATION OF SYSTEM RELIABILITY IN THE  
STRUCTURAL DESIGN PROCESS SYSTEM RELIABILITY-  
BASED DESIGN ON TRANSMISSION STRUCTURES  
FOR THE PERIOD 07-01-89 THROUGH 12-31-90  
AWARD # 5-5-34414  
MSN ENGR CIVIL & ENV ENGR (144-BZ38) 14,706.00

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47.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WIYN TELESCOPE PROJECT MSN GRAD ADMINISTRATION	(135-0069)	104,411.00
48.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	1,982.50
49.	PRINCETON ONE FUND, INC. PRINCETON, WI HEART RESEARCH MSN HS-MED	(133-A252)	1,100.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	125,359.25
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	25,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REHABILITATION MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED REHABIL MEDICINE	(133-A535)	10,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPR STA SUPERCONDT	(133-A797)	200,000.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S DISCRETIONARY ACCOUNT MSN HS-MED PSYCHIATRY	(133-C465)	3,603.00
55.	LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS	(133-D016)	
	10.00 MULTIPLE DONORS 2,040.00 ONE OF A KIND CONTEST CINCINNATI, OH		2,050.00
56.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI EVALUATE THE EFFECT OF FIELD-SCALE LAND APPLICATION OF LIQUID SLUDGE ON CROPS, SOILS AND GROUND WATER ON THE WALWORTH COUNTY FARM FOR THE PERIOD 07-01-79 THRU 12-31-93 AT A 654,500 LEVEL MSN AG&LSC SOIL SCIENCE	(133-D209)	172,500.00

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57.	MAHYCO AMERICAN, INC. ELK GROVE VILLAGE, IL SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY	(133-D429)	2,000.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	58,642.83
59.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	700.00 RHONE-POULENC RORER CENTRAL RESEARCH HORSHAM, PA		
	1,500.00 ABBOTT LABORATORIES NORTH CHICAGO, IL		
	700.00 RHONE-POULENC RORER PHARMACEUTICAL FORT WASHINGTON, PA		
	6,250.00 SANDOZ RESEARCH INSTITUTE MADISON, WI		
			9,150.00
60.	MERITER HEALTH SERVICES, INC. MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	5,428.47
61.	FEIGE (EDGAR) MADISON, WI RESEARCH CONSULTATION MSN L&S ECONOMICS	(133-D797)	700.00
62.	ICI AMERICAS, INC. WILMINGTON, DE EPIDEMIOLOGY AND CONTROL OF VEGETABLE CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-E035)	5,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-E273)	100,000.00
64.	SOLCO BASLE LTD. SWITZERLAND UROLOGY RESEARCH MSN HS-MED SURGERY UROLOGY	(133-E358)	19,000.00
65.	MULTIPLE DONORS HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-E770)	225.00

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66.	PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	
	2,000.00	WISCONSIN STATE JOURNAL MADISON, WI	
	5,000.00	MIDWEST-ELECTRO-TECH CORPORATION HILLSBORO, WI	
			7,000.00
67.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	1,250.00
68.	FOUNDATION FOR INTERNATIONAL SCIENTIFIC CORP. MADISON, WI PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-F298)	12,500.00
69.	INSTITUTE OF FOOD TECHNOLOGIES CHICAGO, IL GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	1,250.00
70.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLOG SCI	(133-F663)	1,050.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF SALARY AND FRINGE BENEFITS FOR RESEARCH FELLOW AWARD # 58-851 MSN HS-MED ANESTHESIOLOGY	(133-F750)	8,057.00
72.	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)	10,972.06
73.	GENERAL MILLS, INC. MINNEAPOLIS, MN FOOD RELATED RESEARCH IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F937)	3,000.00
74.	MR. & MRS. ROBERT M. BURTON GLENDALE, OH PLASMA RESEARCH MSN L&S PHYSICS	(133-F966)	500.00



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75.	MULTIPLE DONORS PEDIATRIC ICU FUND MSN HS-MED PEDIATRICS	(133-F979)	600.00
76.	MERCK, SHARP AND DOHME WEST POINT, PA DISCRETIONARY FUND FOR DIABETES RESEARCH MSN HS-MED MEDICINE                      ENDOCRINOL	(133-G024)	1,000.00
77.	PROCTER & GAMBLE COMPANY CINCINNATI, OH FIBER AND GASTROINTESTINAL RESEARCH DISCRETIONARY ACCOUNT MSN AG&LSC NUTRITIONAL SCI	(133-G365)	3,300.00
78.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	1,562.01
79.	BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	
	2,750.00      NOBA, INC. TIFFIN, OH		
	11,825.00     21ST CENTURY GENETICS SHAWANO, WI		
			14,575.00
80.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	5,894.94
81.	DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S      HEBREW & SEM STU	(133-G920)	
	2,500.00      MR. AND MRS. NATHAN BERKOWITZ MILWAUKEE, WI		
	500.00        UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			3,000.00
82.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	473.29
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMOCO FOUNDATION FELLOWSHIP MSN AG&LSC BIOCHEMISTRY	(133-H475)	10,700.00

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84.	MULTIPLE DONORS PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	168.07
85.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	2,556.00
86.	INFECTION CONTROL EDUCATION FUND MSN HS-MED MEDICINE                      INFECT DIS	(133-H965)	
	500.00      ROCHE LABORATORIES NUTLEY, NJ		
	500.00      MILES PHARMACEUTICALS VERONA, WI		
			1,000.00
87.	BRISTOL-MYERS EVANSVILLE, IN NUTRITIONAL BENEFITS OF CYSTIC FIBROSIS NEONATAL SCREENING MSN HS-MED PEDIATRICS	(133-J083)	6,050.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR      ENGR MECHANICS	(133-J102)	38,000.00
89.	WISCONSIN TURFGRASS ASSOCIATION BROOKFIELD, WI TURFGRASS RESEARCH MSN AG&LSC SOIL SCIENCE	(133-J306)	2,700.00
90.	MULTIPLE DONORS ERGONOMICS RESEARCH LABORATORY MSN ENGR      INDUSTRIAL ENGR	(133-J403)	200.00
91.	MULTIPLE DONORS LANDSCAPE DESIGN MSN AG&LSC NR-LANDSCAP ARCH	(133-J448)	400.00
92.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J601)	1,165.52
93.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN FLUOXETINE DOSE ESCALATION IN MDD "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-J878)	33,695.04
94.	CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	
	1,728.00      TORONTO (UNIVERSITY OF) TORONTO, ONTARIO, CANADA		
	1,132.50      MULTIPLE DONORS		
	1,078.42      MULTIPLE DONORS		
			3,938.92

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95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAIER FACULTY DEVELOPMENT AWARD MSN L&S JOURN & MASS COM	(133-K638)	5,000.00
96.	ROCKWELL INTERNATIONAL CORPORATION THOUSAND OAKS, CA MATCHING FUNDS FOR PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ENGR MECHANICS	(133-K845)	20,000.00
97.	CENEX LAND O'LAKES FORT DODGE, IA INVESTIGATIONS OF BEEF CATTLE NUTRITION MSN AG&LSC MEAT& ANIMAL SCI	(133-K952)	750.00
98.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-K955)	11,700.00
99.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER "CLIN" MSN HS-MED CANCER CTR	(133-L005)	30,000.00
100.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C "CLIN" AWARD # CLIN MSN HS-MED PREVENTIVE MED	(133-L044)	30,168.00
101.	THE JOHN R. CAMERON MEDICAL PHYSICS FOUNDATION, INC. MIDDLETON, WI DIAGNOSTIC ULTRASOUND RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-L335)	9,440.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS	(133-L386)	13,000.00
103.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAVE) FOLLOWING MYOCARDIAL INFARCTION: EFFECT OF CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE	CARDIOLOGY (133-L626)	4,400.00

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104.	SAKATA SEED AMERICA, INC. MORGAN HILL, CA PLANT BREEDING MSN AG&LSC HORTICULTURE	(133-L903)	4,800.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRIC CARDIOLOGY MSN HS-MED PEDIATRICS	(133-M276)	11,500.00
106.	SAINT GOBAIN RECHERCHE FRANCE CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR	(133-M322)	9,976.00
107.	IRON CASTING RESEARCH INSTITUTE INC. COLUMBUS, OH DUCTILE IRON SOLIDIFICATION RESEARCH MSN ENGR MAT SCI & ENGR	(133-M344)	15,000.00
108.	PURINA MILLS, INC. ST. LOUIS, MO QUANTITATIVE ASPECTS OF LYSINE METABOLISM IN THE PIG MSN AG&LSC MEAT& ANIMAL SCI	(133-M347)	2,000.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT SMALL RESEARCH PROJECTS IN DEPARTMENT OF FAMILY MEDICINE AND PRACTICE MSN HS-MED FAM MED & PRACT	(133-M398)	12,991.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PYI MATCHING FUNDS MSN ENGR MAT SCI & ENGR	(133-M715)	27,000.00
111.	WARWICK FOUNDATION KENILWORTH, IL GENERAL ENTOMOLOGICAL RESEARCH MSN AG&LSC ENTOMOLOGY	(133-M728)	2,000.00
112.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL VASCULAR MICROCORROSION CASTING "CLIN" MSN AG&LSC VETERINARY SCI	(133-M738)	4,500.85
113.	MULTIPLE DONORS FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY	(133-M749)	211.50
114.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI QUANTITATIVE SENSORY LAB OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-NO15)	1,105.99

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115.	INDUSTRY APPLICATIONS SOCIETY NEW YORK, NY EXPENSES RELATED TO STATIC POWER CONVERTER COMMITTEE MSN ENGR ELEC & COM ENGR ELEC&COMP (133-NO44)	2,000.00
116.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATHAN SMITH FELLOWSHIP IN ADOLESCENT/SPORTS MEDICINE MSN HS-MED PEDIATRICS (133-NO73)	6,114.86
117.	STOLLER CHEMICAL COMPANY HOUSTON, TX FRUIT & VEGETABLE RESEARCH MSN AG&LSC HORTICULTURE (133-N102)	2,400.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OF RESEARCH SCIENTIST IN INSTITUTE FOR ENZYME RESEARCH MSN GRAD ENZYME INSTITUTE (133-N121)	5,000.00
119.	AMERICAN COLLEGE OF PHYSICIAN EXECUTIVES TAMPA, FL NONRESIDENTIAL ADMINISTRATIVE MEDICINE PROGRAM MSN HS-MED PREVENTIVE MED (133-N129)	3,500.00
120.	WISCONSIN ARTS BOARD MADISON, WI WISCONSIN ARTS BOARD INTERNSHIP MSN L&S JOURN & MASS COM (133-N198)	3,158.00
121.	CONVERSION OF MADNMR MSN AG&LSC BIOCHEMISTRY (133-N208)	
	510.00 RUTGERS (STATE UNIVERSITY OF) NEW BRUNSWICK, NJ	
	25.50 MULTIPLE DONORS	
	17.00 MULTIPLE DONORS	
	85.00 MULTIPLE DONORS	
		637.50
122.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, PLACEBO-CONTROLLED EFFICACY AND SAFETY PROFILE OF SUPPLEMENTAL ONCE DAILY DOSING WITH VOLMAX TABLETS IN PATIENTS 12 YEARS OR OLDER WITH NOCTURNAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE ALLRGY&IMM (133-N262)	36,844.00
123.	ALPHA ONE BIOMEDICALS, INC. WASHINGTON, DC EFFECTS OF THYMOSIN ON IMMUNE RESPONSES TO INFLUENZA VACCINE MSN HS-MED MEDICINE HEMATOLOGY (133-N426)	20,000.00

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124.	TEXAS INSTRUMENTS, INC. DALLAS, TX MODELING OF NOISE CHARACTERISTICS OF WIDEBAND DISTRIBUTED GA AS FET AMPLIFIERS MSN ENGR ELEC & COM ENGR ELEC&COMP (133-N565)	15,000.00
125.	AMERICAN RED CROSS DANE COUNTY CHAPTER MADISON, WI GENETICS OF INSULIN-DEPENDENT DIABETES MSN HS-MED MEDICINE ENDOCRINOL (133-N600)	12,208.90
126.	AMERICAN HEART ASSOCIATION DALLAS, TX ESTABLISHED INVESTIGATORSHIP AWARD FOR THE PERIOD 07-01-90 THRU 06-30-91 AWARD # 890119 MSN L&S CHEMISTRY (133-N613)	44,835.00
127.	U.S. CANCER PAIN RELIEF COMMITTEE MADISON, WI PAIN RESEARCH GROUP-TO ESTABLISH A POLICY STUDIES DIVISION MSN HS-MED NEUROLOGY (133-N688)	25,000.00
128.	MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY MADISON, WI MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY EXPENSES MSN L&S HEBREW & SEM STU (133-N727)	130.00
129.	HEALTH MANAGEMENT ALUMNI ASSOCIATION MADISON, WI HEALTH MANAGEMENT ALUMNI DEVELOPMENT ACCOUNT MSN HS-MED PREVENTIVE MED (133-N733)	1,000.00
130.	MULTIPLE DONORS FIELD APPLICATION OF NUTRITIONAL & MANAGEMENT TECHNOLOGIES TO DAIRY PRODUCTION PRACTICES MSN AG&LSC DAIRY SCIENCE (133-N776)	225.00
131.	DOW CHEMICAL COMPANY MIDLAND, MI CHARACTERIZATION TECHNIQUES FOR THE DIELECTRIC PROPERTIES OF POLYMERIC FILMS FOR THE PERIOD 12-19-88 THRU 11-30-91 AWARD # 881475 MSN ENGR ELEC & COM ENGR ELEC&COMP (133-N797)	38,000.00
132.	CANCER RESEARCH FOUNDATION OF AMERICA ALEXANDRIA, VA WISCONSIN CANCER PAIN INITIATIVE MSN HS-MED PHARMACOLOGY (133-N832)	2,000.00
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHINESE LANGUAGE COMPUTER MSN L&S E ASIAN LANG&LIT (133-N895)	100.00

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134.	ADRIA LABORATORIES COLUMBUS, OH EFFICACY AND SAFTY TRIAL OF TOREMIFEN VS. TAMOXIFEN IN POST MENOPAUSAL WOMEN WITH METASTATIC BREAST CANCER "CLIN" AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-N961)	11,742.00
135.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY (133-N990)	1,731.87
136.	LEDERLE LABORATORIES PEARL RIVER, NY PARALLEL GROUP STUDY COMPARING BISOPROLOL TO ATENOLOL IN THE TREATMENT OF PATIENT WITH MILD TO MODERATE HYPERTENSION "CLIN" AWARD # CLIN MSN HS-MED MEDICINE CARDIOLOGY (133-P025)	5,000.00
137.	MULTIPLE DONORS VEGETABLE & FRUIT RESEARCH MSN AG&LSC HORTICULTURE (133-P139)	96.00
138.	COUNCIL FOR TOBACCO RESEARCH-U.S.A., INC. NEW YORK, NY METABOLISM OF LOW DENSITY LIPOPROTEIN FROM PIGS WITH LIPOPROTEIN MUTATIONS FOR THE PERIOD 07-01-89 THRU 06-30-90 AWARD # 2077R2 MSN AG&LSC BIOCHEMISTRY (133-P302)	20,000.00
139.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA COMMERCIAL BUILDING LATENT LOAD REMOVAL SYSTEMS FOR THE PERIOD 01-01-89 THRU 03-31-91 AWARD # RP2891-03 MSN ENGR ENGR EXPER STA SOLAR ENRG (133-P324)	20,000.00
140.	MULTIPLE DONORS PEDIATRIC ONCOLOGY RESEARCH MSN HS-MED PEDIATRICS (133-P355)	25.00
141.	ACUFAX MICROSURGICAL, INC. NORWOOD, MA ORTHOPEDIC RESEARCH MSN HS-MED SURGERY ORTHO SURG (133-P432)	1,710.62
142.	SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY MSN AG&LSC BIOCHEMISTRY (133-P554)	
	90.00 RUTGERS (STATE UNIVERSITY OF) NEW BRUNSWICK, NJ	
	4.50 MULTIPLE DONORS	
	3.00 MULTIPLE DONORS	
	15.00 MULTIPLE DONORS	

112.50

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143. XOMA CORPORATION  
BERKELEY, CA  
XOMEN E5 IN PORCINE MODELS OF ENDOTOXEMIA AND  
BACTEREMIA "CLIN"  
AWARD # CLIN  
MSN HS-MED MEDICINE PULMON MED (133-P580) 18,407.00
144. WISCONSIN STATE CRANBERRY GROWERS ASSOCIATION  
WISCONSIN RAPIDS, WI  
FRUIT RESEARCH  
MSN AG&LSC HORTICULTURE (133-P585) 528.00
145. GENENTECH, INC.  
SOUTH SAN FRANCISCO, CA  
TREATMENT OF CHILDREN DEMONSTRATING SUBNORMAL  
GROWTH WITH HGH (PROTROPIN) "CLIN"  
AWARD # CLIN  
MSN HS-MED PEDIATRICS (133-P612) 600.00
146. LILLY RESEARCH LABORATORIES  
INDIANAPOLIS, IN  
PHASE II SULFONYLUREA/LILLY B9W MC JGAJ "CLIN"  
AWARD # CLIN  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-P659) 1,914.00
147. AMERICAN CHEMICAL SOCIETY  
PETROLEUM RESEARCH FUND  
WASHINGTON, DC  
GEOCHEMICAL APPLICATIONS OF SITE SELECTIVE  
LASER SPECTROSCOPY FOR THE PERIOD 07-01-89 THRU  
08-31-91  
AWARD # ACS-PRF 22003-AC5  
MSN L&S CHEMISTRY (133-P660) 4,500.00
148. APPLIED BIOTECHNOLOGY, INC.  
CAMBRIDGE, MA  
TUBERCULOSIS CHALLENGE EXPERIMENT  
MSN HS-MED MED MICROBIOLOGY (133-P794) 1,800.00
149. ELECTRIC POWER RESEARCH INSTITUTE  
PALO ALTO, CA  
EFFECT OF BUFFERING CAPACITY OF SUBSOILS ON  
MOBILITY OF METALS ORIGINATED FROM COAL  
LEACHATE FOR THE PERIOD OF 08-23-89 THROUGH  
12-31-91  
AWARD # RP2485-18  
MSN ENGR CIVIL & ENV ENGR (133-P797) 16,362.00
150. MARION LABORATORIES, INC.  
KANSAS CITY, MO  
DOSE RESPONSE EVALUATION OF DILTIAZEM QD SUSTAINED  
RELEASE VERSUS PLACEBO IN PATIENTS WITH CHRONIC  
STABLE ANGINA PECTORIS "CLIN"  
AWARD # CLIN  
MSN HS-MED MEDICINE CARDIOLOGY (133-P848) 25,350.00



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151.	MCDONALD'S CORPORATION OAK BROOK, IL COLONIZATION OF POULTRY BY BACTERIAL PATHOGENS MSN AG&LSC FOOD MICRO&TOXIC (133-P892)	60,000.00
152.	MULTIPLE DONORS RESEARCHING THE WASTE TIRE DISPOSAL DILEMMA MSN AG&LSC AG ENGINEERING (133-P960)	150.00
153.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF OTOLARYNGOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY OTOLARYN (133-P969)	10,000.00
154.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PREVENTING INJURIES FROM MARITAL VIOLENCE MSN HS-MED PSYCHIATRY (133-P978)	4,597.00
155.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI DEVELOPMENT OF TECHNIQUES FOR MORE RAPID AND LESS EXPENSIVE SCREENING OF CATTLE FOR A MOLECULAR MARKER RELATED TO YIELD TRAITS MSN AG&LSC DAIRY SCIENCE (133-P999)	2,000.00
156.	ADVANCED MEDICAL RESEARCH MADISON, WI SUPPRESSION OF CHOLESTEROL BIOSYNTHESIS BY NATURAL PRODUCTS MSN AG&LSC AGRONOMY (133-Q008)	1,500.00
157.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC PHASE 11 TRIAL OF ACRIVASTINE AND VINBLASTINE IN RENAL CELL CARCINOMA MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-Q102)	20,400.00
158.	EASTMAN KODAK COMPANY ROCHESTER, NY PROCESSING SPENT PHOTOFINISHING LIQUIDS USING A PLASMA TORCH FOR THE PERIOD 12-01-89 THRU 11-30-91 MSN ENGR MECHANICAL ENGR MECH ENGR (133-Q109)	35,000.00
159.	EASTMAN KODAK COMPANY ROCHESTER, NY A LABORATORY STUDY ON THE POSTDEPOSITIONAL MOBILITY OF SILVER AT THE SEDIMENT/WATER INTERFACE FOR THE PERIOD 12-01-89 THRU 11-30-91 MSN ENGR ENGR EXPER STA WSEL (133-Q119)	35,000.00
160.	ALDRICH CHEMICAL COMPANY, INC. MILWAUKEE, WI DISCRETIONARY GRANT FOR CHEMICAL RESEARCH MSN L&S CHEMISTRY (133-Q164)	13,000.00

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161.	CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE CHICAGO, IL MITOCHONDRIAL STUDIES ON DIABETIC RATS MSN HS-MED NEUROLOGY	(133-Q189)	7,500.00
162.	MULTIPLE DONORS INNOVATIVE FORAGE HARVESTING SYSTEMS RESEARCH MSN AG&LSC AG ENGINEERING	(133-Q199)	150.00
163.	PITTSBURGH (UNIVERSITY OF) PITTSBURGH, PA PRIMATE MODELS OF DEPRESSION--WISCONSIN COMPONENT: PROJECT CORE, BEHAVIORAL, AND NEUROBIOLOGICAL STUDIES/YEAR 02 FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 5-34209 MSN HS-PSY PSYCHIATRIC INST	(133-Q213)	41,313.00
164.	ICI AMERICAS INC. WILMINGTON, DE EFFECT OF 6 WEEKS THERAPY WITH ORAL ICI 204,219 ON BRONCHIAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE ALLRGY&IMM	(133-Q229)	21,770.90
165.	SOUTHEASTERN POULTRY & EGG ASSOCIATION DECATUR, GA ANIMAL PROTEIN BYPRODUCTS AND LIQUID FEED SUPPLEMENTS FOR HIGH PRODUCING COWS MSN AG&LSC DAIRY SCIENCE	(133-Q259)	7,500.00
166.	B. L. COBIA, INC. WINTER GARDEN, FL RESEARCH INTO INVESTIGATIONS ON THE GENETIC MAKEUP OF ZYGOCACTUS AND RHIPSALIDOPSIS MSN AG&LSC HORTICULTURE	(133-Q293)	960.00
167.	INSTITUTE OF INDUSTRIAL ENGINEERS ATLANTA, NORCROSS, GA QUALITY IMPROVEMENT SUPPORT SYSTEM (QISS) MSN ENGR ENGR EXPER STA HLTH SYS'S	(133-Q426)	750.00
168.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ SANDIMMUNE 2% OPHTHALMIC OINTMENT "HIGH RISK" CORNEAL TRANSPLANT STUDY "CLIN" AWARD # CLIN MSN HS-MED OPHTHALMOLOGY	(133-Q466)	15,500.00
169.	UPJOHN COMPANY KALAMAZOO, MI DOUBLE-BLIND FLEXIBLE DOSE COMPARISON OF THE EFFICACY AND SAFETY OF DERACYN SR TABLETS, DERACYN TABLETS, AND PLACEBO IN DEPRESSED OUTPATIENTS "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-Q480)	20,728.00

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170.	SUPPORT EDUCATION IN THE FIELD OF RHEUMATOLOGY			
	MSN HS-MED MEDICINE	RHEUMATOL	(133-Q496)	
	150.00	MULTIPLE DONORS		
	1,191.54	SYNTEX LABORATORIES, INC.		
		PALO ALTO, CA		
				1,341.54
171.	SUPPORT OF INFECTIOUS DISEASE PROGRAMS			
	MSN HS-MED MEDICINE	INFECT DIS	(133-Q497)	
	1,000.00	INTERNATIONAL MEDICAL EXPERIENCE EXCHANGE		
		U.S.A., INC.		
		ALPHARETTA, GA		
	1,750.00	HOFFMANN-LAROCHE INC.		
		NUTLEY, NJ		
	500.00	AMERICAN SOCIETY FOR MICROBIOLOGY		
		WASHINGTON, D.C.		
	700.00	ROCHE LABORATORIES		
		NUTLEY, NJ		
				3,950.00
172.	WISCONSIN POWER AND LIGHT COMPANY			
	MADISON, WI			
	DISTRIBUTION AND MIGRATION PATHS OF VOLATILE			
	ORGANIC CONTAMINANTS IN THE VICINITY OF RIPON			
	LANDFILL			
	MSN L&S	GEOL & GEOPHYSICS	(133-Q498)	8,357.50
173.	AMGEN			
	THOUSAND OAKS, CA			
	A DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF			
	RECOMBINANT HUMAN ERYTHROPOIETIN IN PERITONEAL			
	DIALYSIS PATIENTS			
	AWARD # CLIN			
	MSN HS-MED MEDICINE	NEPHROLOGY	(133-Q500)	44,206.00
174.	EUROPEAN ATOMIC ENERGY COMMUNITY			
	ISPRA, ITALY			
	DEVELOPMENT OF A COMPUTER CODE FOR THE ANALYSIS			
	OF FUEL COOLANT INTERACTIONS			
	AWARD # 3879-89-12 EP ISP USA			
	MSN ENGR	NUC ENGR&E PHYSC	(133-Q502)	24,414.05
175.	MARION MERRELL DOW INC.			
	KANSAS CITY, MO			
	GASTROENTEROLOGY DEVELOPMENT FUND			
	MSN HS-MED MEDICINE	GASTROENT	(133-Q565)	2,000.00
176.	COLORADO (UNIVERSITY OF)			
	DENVER, CO			
	CEREBRAL AND AUTONOMIC PSYCHOPHYSIOLOGY OF			
	INHIBITION TO THE UNFAMILIAR IN CHILDREN:			
	A FOLLOW UP FOR THE PERIOD 03-01-90			
	THRU 02-28-92			
	MSN L&S	PSYCHOLOGY	(133-Q570)	68,303.00

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| 177. | <p>BAUSCH AND LOMB<br/>ROCHESTER, NY<br/>THE SAFETY AND EFFICACY EVALUATION OF BL-1410-<br/>STL2 ARTIFICIAL TEAR LUBRICANT WHEN USED AS A<br/>TREATMENT FOR PRIMARY DRY EYE CONDITIONS "CLIN"<br/>AWARD # CLIN<br/>MSN HS-MED OPHTHALMOLOGY</p>  | <p>(133-Q599) 12,025.20</p>                |
| 178. | <p>LILLY RESEARCH LABORATORIES<br/>INDIANAPOLIS, IN<br/>FLUOXETINE/PLACEBO TRIAL IN GERIATRIC PATIENTS<br/>WITH MDD<br/>AWARD # CLIN<br/>MSN HS-PSY PSYCHIATRIC INST</p>   | <p>(133-Q601) 21,352.80</p>                |
| 179. | <p>WYETH-AYERST<br/>RADNOR, PA<br/>TOLRESTAT RETINOPATHY STUDY: 81-084/085;<br/>84-196/197 "CLIN"<br/>AWARD # CLIN<br/>MSN HS-MED MEDICINE</p>   | <p>ENDOCRINOL (133-Q603) 51,547.70</p>     |
| 180. | <p>TRAINING IN PULMONARY AND CRITICAL CARE MEDICINE<br/>MSN HS-MED MEDICINE</p>  | <p>PULMON MED (133-Q635)</p>               |
|      | <p>6,000.00 MERCK &amp; COMPANY<br/>RAHWAY, NJ<br/>4,800.00 GLAXO, INC.<br/>RESEARCH TRIANGLE PARK, NC</p>   | <p>10,800.00</p>                           |
| 181. | <p>GLAXO, INC.<br/>RESEARCH TRIANGLE PARK, NC<br/>TRAINING IN CARDIOLOGY<br/>MSN HS-MED MEDICINE</p>   | <p>CARDIOLOGY (133-Q636) 3,200.00</p>      |
| 182. | <p>WYETH-AYERST LABORATORIES<br/>PHILADELPHIA, PA<br/>A COMPARATIVE INPATIENT STUDY OF THE SAFETY AND<br/>EFFICACY OF THREE ORAL RECAINAM DOSES IN THE<br/>SUPPRESSION OF LIFE-THREATENING VENTRICULAR<br/>TACHYARRHYTHMIAS "CLIN"<br/>AWARD # CLIN 519B-305<br/>MSN HS-MED MEDICINE</p> | <p>CARDIOLOGY (133-Q653) 8,945.00</p>      |
| 183. | <p>BRISTOL-MYERS<br/>EVANSVILLE, IN<br/>INTRADERMAL CARBOPLATIN AND IFOSFAMIDE TOXICITY<br/>IN THE MOUSE<br/>AWARD # CLIN<br/>MSN HS-PHR PHARMACY</p>  | <p>(133-Q663) 4,000.00</p>                 |
| 184. | <p>JOHNSON (R.W.) PHARMACEUTICAL RESEARCH INSTITUTE<br/>SPRING HOUSE, PA<br/>NOBERASTINE: EFFICACY AND SAFETY VERSUS<br/>TERFENADINE AND PLACEBO IN GRASS RHINITIS<br/>AWARD # CLIN<br/>MSN HS-MED MEDICINE</p>  | <p>ALLRGY&amp;IMM (133-Q677) 10,511.00</p> |

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185.	CANOLA EVALUATION MSN AG&LSC AGRONOMY	(133-Q685)	
	600.00 KING AGRO		
	300.00 CHATHAM, ONTARIO CANADA		
	MULTIPLE DONORS		900.00
186.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC PATIENT EXPENSE ACCOUNT FOR "PHASE 1 STUDY OF BW A773HC1 IN A TWO-HOUR INFUSION REPEATED DAILY X 3" "CLIN" AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-Q717)	6,000.00
187.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ PILOT STUDY IN PATIENTS WITH MILD SYMPTOMS OF EARLY BENIGN PROSTATIC HYPERPLASIA "CLIN" AWARD # CLIN MSN HS-MED SURGERY UROLOGY	(133-Q770)	7,999.38
188.	UPJOHN COMPANY KALAMAZOO, MI PHARMACOKINETICS AND PHARMACODYNAMICS OF CEFPODOXIME FOLLOWING ADMINISTRATION OF CEFPODIXIME PROXETIL TABLETS TO PATIENTS ON CONTINUOUS AMBULATORY PERITONEAL DIALYSIS "CLIN" AWARD # CLIN MSN HS-PHR PHARMACY	(133-Q798)	20,861.00
189.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI DEPARTMENT SUPPLIES AND EXPENSES MSN HS-MED PSYCHIATRY	(133-Q848)	775.00
190.	HOWMEDICA RUTHERFORD, NJ VERMONT SPINAL FIXATION TRAUMA STUDY - CONTROL GROUP PROTOCOL SF-89-01C "CLIN" AWARD # CLIN MSN HS-MED SURGERY ORTHO SURG	(133-Q908)	1,776.00
191.	BAXTER HEALTHCARE CORPORATION DEERFIELD, IL AN INVESTIGATION OF GLYCEROL AS AN IRRIGATING FLUID IN TRANSURETHRAL SURGERY "CLIN" AWARD # CLIN MSN HS-MED SURGERY UROLOGY	(133-Q992)	20,000.00
192.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY MURRAY HILL, NJ A T & T COMPUTER COMMUNICATION SYSTEM RESEARCH AND DEVELOPMENT FOR THE PERIOD 05-15-90 THRU 05-14-91 AWARD # 106309 MSN L&S PHYSICS	(133-R007)	156,290.00

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193.	TRICLINICA COMMUNICATIONS, INC. NEW YORK, NY EXPERIMENTAL CANCER THERAPY MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-R033)	500.00
194.	STERLING DRUG, INC. MALVERN, PA A PHASE II STUDY TO DETERMINE THE EFFECT OF PROPHYLACTIC DOSING OF WIN 54954 ON THE NATURAL HISTORY OF EXPERIMENTALLY-INDUCED HUMAN RHINOVIRUS-16 RESPIRATORY INFECTION "CLIN" AWARD # CLIN MSN HS-MED PREVENTIVE MED (133-R046)	64,693.50
195.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPLIES AND EXPENSES FOR A START UP OF MRI RESEARCH PROJECT MSN HS-MED RADIOLOGY (133-R085)	3,000.00
196.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL RESEARCH AND DEVELOPMENT MSN HS-MED PSYCHIATRY (133-R090)	714.00
197.	UPJOHN COMPANY KALAMAZOO, MI EFFECT OF PIOGLITAZONE HCI ON INSULIN SENSITIVITY IN RHESUS MONKEYS "CLIN" AWARD # CLIN MSN GRAD PRIMATE RES CTR (133-R144)	14,450.00
198.	LOCKHEED ARTIFICIAL INTELLIGENCE CENTER PALO ALTO, CA PROTOTYPING A LOGIC-BASED DATA UNDERSTANDING SYSTEM MSN L&S COMPUTER SCI (133-R277)	58,761.00
199.	JANSSEN RESEARCH FOUNDATION PISCATAWAY, NJ PROTOCOL FOR THE DETERMINATION OF THE SAFETY AND EFFICACY OF LEVOCABASTINE-D IN THE TREATMENT OF SEASONAL ALLERGIC RHINITIS: DOUBLE-BLIND COMPARISON WITH LEVOCABASTINE, OXYMETAZOLINE AND PLACEBO "CLIN" AWARD # CLIN MSN HS-MED MEDICINE ALLRGY&IMM (133-R308)	23,760.00
200.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-R358)	6,666.67

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201.	MULTIPLE DONORS CENTER FOR THE STUDY OF THE AMERICAN CONSTITUTION MSN L&S HISTORY	(133-R370)	1,550.00
202.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN FLUOXETINE VS. IMIPRAMINE IN PATIENTS WITH MDD AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-R380)	5,040.00
203.	KIRKPATRICK (BRIAN) MADISON, WI GENETIC MARKER ANALYSES OF GROWTH MSN AG&LSC MEAT& ANIMAL SCI	(133-R393)	1,000.00
204.	1991 PHARMACEUTICS GRADUATE STUDENT RESEARCH MEETING MSN HS-PHR PHARMACY	(133-R395)	
	1,300.00 SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ		
	500.00 PROCTER & GAMBLE COMPANY CINCINNATI, OH		
	600.00 PFIZER, INC. GROTON, CT		
	1,000.00 MERRELL DOW PHARMACEUTICALS CINCINNATI, OH		
	500.00 MCNEIL CONSUMER PRODUCTS COMPANY FORT WASHINGTON, PA		
	300.00 ALLERGAN, INC. IRVINE, CA		
	500.00 GENENTECH, INC. SAN FRANCISCO, CA		
	1,000.00 GLAXO, INC. RESEARCH TRIANGLE PARK, NC		
			5,700.00
205.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF THE SAFETY AND EFFICACY OF TWO NAPROXEN EC 500 MG TABLETS QD AND ONE NAPROXEN LLE 500 MG TABLET BID IN PATIENTS WITH RHEUMATOID ARTHRITIS AWARD # CLIN MSN HS-MED MEDICINE RHEUMATOL	(133-R459)	2,000.00
206.	DR. ATSUNOBU YODA MADISON, WI DIGITALIS BINDING WITH NAK-ATPASE PHOSPHOPROTEOLIPIDOSOMES MSN HS-MED PHARMACOLOGY	(133-R505)	1,000.00
207.	LEUKEMIA SOCIETY OF AMERICA, INC. NEW YORK, NY THROMBIN - AND INTEGRIN - STIMULATED TYROSINE PHOSPHORYLATION IN PLATELETS FOR THE PERIOD 10-01-90 THRU 09-30-92 MSN L&S ZOOLOGY	(133-R563)	64,800.00

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208.	PROCYTE CORPORATION KIRKLAND, WA EFFECT OF PC1031 ON HAIR GROWTH IN THE BALD SCALP OF THE STUMPTAILED MACAQUE MSN GRAD PRIMATE RES CTR	(133-R564)	150,072.00
209.	BRITISH COLUMBIA (UNIVERSITY OF) VANCOUVER, BC COMPLEX INTERACTIONS THROUGH FOOD AND PREDATION IN PLANKTON FOOD WEBS FOR THE PERIOD 09-01-90 THRU 06-30-91 MSN L&S LIMNOLOGY CTR	(133-R576)	6,843.45
210.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC RANDOMIZED TRIAL COMPARING INTRAVENOUS NAVELBINE WITH 5-FLUOROURACIL/LEUCOVORIN AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-R580)	4,000.00
211.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA JUNIOR FACULTY RESEARCH AWARD AWARD # JFRA-304 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-R583)	85,711.34
212.	ICI PHARMACEUTICALS GROUP WILMINGTON, DE GRADUATE STUDENT SUPPORT IN PHARMACEUTICS MSN HS-PHR PHARMACY	(133-R586)	4,000.00
213.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC A DOUBLE-BLINDED, RANDOMIZED, MULTICENTER STUDY OF THE SAFETY AND EFFICACY OF DOXACURIUM AND PANCURONIUM IN INTENSIVE CARE UNIT PATIENTS WHO REQUIRED NEUROMUSCULAR BLOCKING AGENTS TO FACILITATE MECHANICAL VENTILATION AWARD # CLIN MSN HS-MED ANESTHESIOLOGY	(133-R587)	6,702.00
214.	MCDONNELL DOUGLAS SPACE SYSTEM CO. HUNTINGTON BEACH, CA POTATO GROWTH MODEL TEST DEFINITION AWARD # 1935 MSN ENGR ENGR EXPER STA SPAC COMM	(133-R588)	46,659.00
215.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI MINK DISEASE RESEARCH FOR THE PERIOD 10-01-90 THRU 10-01-91 AWARD # AGA 5574 MSN AG&LSC VETERINARY SCI	(133-R589)	2,000.00



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216.	WISC DEPT OF NATURAL RESOURCES MADISON, WI INTERNSHIP AGREEMENT FOR THE PERIOD 10-01-90 THRU 12-21-90 MSN L&S PUBL POL&ADM RES (133-R591)	1,650.00
217.	WHIRLPOOL CORPORATION BENTON HARBOR, MI FEASIBILITY STUDY OF SYNCHRONOUS RELUCTANCE MOTOR DRIVES FOR WHIRLPOOL APPLICATIONS FOR THE PERIOD 10-01-90 THRU 12-31-90 MSN ENGR ELEC & COM ENGR ELEC&COMP (133-R592)	17,160.00
218.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA MOLECULAR INTERACTIONS IN ESTROGEN RECEPTOR FUNCTION FOR THE PERIOD 01-01-91 THRU 12-31-91 AWARD # BE-86A MSN HS-MED ONCOLOGY (133-R596)	100,000.00
219.	TAX EQUITY ALLIANCE FOR MASSACHUSETTS BOSTON, MA PERSISTENT POVERTY AND THE BURDEN OF TAXATION MSN L&S INST-RES ON POV (133-R598)	1,080.00
220.	AMGEN, INC. THOUSAND OAKS, CA NATIONAL COOPERATIVE R-HU ERYTHROPOIETIN STUDY IN PATIENTS WITH CHRONIC RENAL FAILURE "CLIN" AWARD # CLIN MSN HS-MED MEDICINE NEPHROLOGY (133-R599)	200.00
221.	NABISCO BRANDS, INC. EAST HANOVER, NJ MICROBIOLOGICAL STABILITY OF PROCESS CHEESE SPREAD MSN AG&LSC FOOD MICRO&TOXIC (133-R600)	50,000.00
222.	SEARLE CHICAGO, IL A COMPARISON OF THE EFFICACY AND DURATION OF ACTION OF BETAXOLOL VERSUS ATENOLOL IN PATIENTS WITH CHRONIC STABLE ANGINA AWARD # CLIN MSN HS-MED MEDICINE CARDIOLOGY (133-R603)	20,000.00
223.	MC KNIGHT ENDOWMENT FUND FOR NEUROSCIENCE MINNEAPOLIS, MN GENETIC AND MOLECULAR ANALYSIS OF SYNAPTIC TRANSMISSION IN DROSOPHILA FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN AG&LSC GENETICS (133-R605)	40,000.00
224.	WORLD HEALTH ORGANIZATION WASHINGTON, DC DIETARY ASPECTS FOR CARCINOGENESIS MSN AG&LSC FOOD MICRO&TOXIC (133-R606)	10,000.00

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225.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GATING DESIGN MSN ENGR MAT SCI & ENGR	(133-R607)	1,000.00
226.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO INFLUENCE OF DHEA ON BODY COMPOSITION AND LIVER METABOLISM IN FELINE HEPATIC LIPIDOSIS FOR THE PERIOD 10-01-90 THRU 09-30-91 MSN VET M MEDICAL SCIENCES	(133-R608)	18,530.00
227.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMERSON ELECTRIC SUPPORT OF PROFESSORSHIP ON QUALITY AND PRODUCTIVITY IMPROVEMENT MSN ENGR ENGR EXPER STA CQPI	(133-R609)	20,000.00
228.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC FELLOWSHIP FOR ADVANCED PREDOCTORAL TRAINING IN PHARMACEUTICS FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-PHR PHARMACY	(133-R610)	10,500.00
229.	MULTIPLE DONORS DISEASES AND CAUSES OF DEATH OF CRANES MSN VET M MEDICAL SCIENCES	(133-R611)	400.00
230.	INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA, AUSTRIA IAEA FELLOWSHIP PROGRAM FOR THE PERIOD 12-01-90 THRU 02-28-91 MSN VET M MEDICAL SCIENCES	(133-R612)	1,200.00
231.	HEINZ (H. JOHN) III CHARITABLE TRUST PITTSBURGH, PA MAPPING PREHISPANIC EJUTLA, OAXACA, MEXICO FOR THE PERIOD 04-01-91 THRU 08-31-91 MSN L&S ANTHROPOLOGY	(133-R613)	7,150.00
232.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PREVENTATIVE CARDIOLOGY STAFF DEVELOPMENT FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-R614)	3,000.00
233.	ABBOTT LABORATORIES ABBOTT PARK, IL DIGOXIN NXT EVALUATION "CLIN" MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-R616)	2,000.00
234.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA ANALYSIS OF MELT QUENCHING EXPERIMENTS FOR THE PERIOD 11-12-90 THRU 12-31-91 AWARD # RP3130-03 MSN ENGR NUC ENGR&E PHYSC	(133-R617)	65,270.00

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235.	UPJOHN COMPANY KALAMAZOO, MI CONTRIBUTIONS OF ACETOGENIC BACTERIA AND ACETOGENESIS TO RUMINAL H-2 UTILIZATION MSN AG&LSC MEAT& ANIMAL SCI	(133-R623)	15,000.00
236.	UNION PACIFIC RESOURCES FORT WORTH, TX WALSORTIAN BIOHERMS PROJECT MSN L&S GEOL & GEOPHYSICS	(133-R624)	7,500.00
237.	DAIRYLAND CHARITABLE FOUNDATION KENOSHA, WI ORTHOPEDIC ASSESSMENT OF THE GREYHOUND FOR THE PERIOD 12-05-90 THRU 12-05-91 MSN VET M SURGICAL SCI	(133-R625)	12,000.00
238.	ISHIDA (MASAMI) MADISON, WI BIOADHESIVE IN DRUG DELIVERY RESEARCH MSN HS-PHR PHARMACY	(133-R627)	2,500.00
239.	BAXTER HEALTHCARE CORPORATION UNIVERSITY HOSPITAL CONSORTIUM DEERFIELD, IL PHARMACY CHARACTERISTICS AND HOSPITAL MORTALITY RATES AWARD # CT-63 MSN HS-PHR PHARMACY	(133-R628)	27,060.00
240.	AMERICAN MEDICAL ASSOCIATION CHICAGO, IL BRONCHOALVEOLAR LAVAGE IN RADIATION ASSOCIATED PNEUMONITIS MSN HS-MED MEDICINE PULMON MED	(133-R629)	9,750.00
241.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED HIST OF MEDICINE HIST OF MD	(133-R630)	5,650.00
242.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED MEDICAL PHYSICS	(133-R631)	5,650.00
243.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED NEUROPHYSIOLOGY	(133-R632)	5,650.00
244.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-R633)	5,650.00

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245.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED PHARMACOLOGY	(133-R634)	5,650.00
246.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CREMER FELLOWSHIPS IN THE BASIC SCIENCES MSN HS-MED PHYSIOLOGY	(133-R635)	5,650.00
247.	WISCONSIN BEEF COUNCIL MADISON, WI RATE OF RIGOR ONSET IN BEEF: A GUIDE TO QUALITY ATTAINMENT AND A BASIS FOR QUALITY GRADING MSN AG&LSC MEAT& ANIMAL SCI	(133-R636)	15,000.00
248.	MULTIPLE DONORS DISCOVER SCIENCE PROGRAM MSN AG&LSC BIOCHEMISTRY	(133-R637)	50.00
249.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA SMALL RAS-LIKE GTP-BINDING PROTEINS IN PARAMECIUM: ROLE IN SECRETION FOR THE PERIOD 01-01-91 THRU 12-31-92 AWARD # CD-482 MSN AG&LSC BIOCHEMISTRY	(133-R639)	124,000.00
250.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA CREATION OF SEQUENCE-SPECIFIC RIBONUCLEASES FOR THE PERIOD 01-01-91 THRU 12-31-93 AWARD # JFRA-312 MSN AG&LSC BIOCHEMISTRY	(133-R640)	90,500.00
251.	FATS AND PROTEINS RESEARCH FOUNDATION FORT MYERS BEACH, FL OPTIMIZING FAT SUPPLEMENTATION TO DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-R641)	16,200.00
252.	MACARTHUR (JOHN D. AND CATHERINE T.) FOUNDATION CHICAGO, IL COMPARATIVE STUDY OF CLASS STRUCTURE AND CLASS CONSCIOUSNESS IN THE U.S. AND THE SOVIET UNION FOR THE PERIOD 01-01-91 THRU 08-31-91 MSN L&S SOCIOLOGY HAVENS CTR	(133-R643)	25,000.00
253.	INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS, NY PERFORMANCE EVALUATION OF THE WAIT-DEPTH LIMITED METHOD FOR THE PERIOD 12-03-90 THRU 02-28-91 AWARD # 20250046 MSN L&S COMPUTER SCI	(133-R645)	8,778.11

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## RESEARCH

254.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI ACTIVATION OF CARDIAC MUSCLE CONTRACTION BY CALCIUM AND ITS REGULATION BY CATECHOLAMINES FOR THE PERIOD 01-01-91 THRU 12-31-91 AWARD # 89-GA-67 MSN HS-MED PHYSIOLOGY (133-R647)	19,686.00
255.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DETERMINE WHETHER LITHIUM'S EFFECTS ON RAT NEOSTRIATAL ACETYLCHOLINE (ACH) RELEASE, DOPAMINE (DA) RELEASE AND THE PHOSPHOINOSITIDE (PI) SECOND MESSENGER SYSTEM CHANGE WITH AGE MSN HS-PHR PHARMACY (133-R651)	4,000.00
256.	DEAFNESS RESEARCH FOUNDATION NEW YORK, NY THE ROLE OF NMDA RECEPTORS IN AUDITORY TRANSMISSION FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED NEUROPHYSIOLOGY (133-R654)	14,999.00
257.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 11-19-90 THRU 06-30-91 AWARD # 90-11 CLEMENS MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-R656)	4,350.00
258.	CARGIL RESEARCH FARM ELK RIVER, MN USE OF ADDITIVES TO IMPROVE UTILIZATION OF PROTEIN IN ALFALFA SILAGE BY DAIRY COWS MSN AG&LSC DAIRY SCIENCE (133-R658)	9,000.00
259.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 11-19-90 THRU 06-30-91 AWARD # 90-11 SAUSEN MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-R659)	5,100.00
260.	INTERNATIONAL BUSINESS MACHINES CORPORATION SAN JOSE, CA CLIENT-SERVER DBMS ARCHITECTURES AWARD # IBM NO. 0634 MSN L&S COMPUTER SCI (133-R661)	20,000.00
261.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA JUNIOR FACULTY RESEARCH AWARD FOR THE PERIOD 01-01-91 THRU 12-31-95 AWARD # FRA - 378 MSN HS-MED ONCOLOGY (133-R669)	205,000.00

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

## RESEARCH

262.	ASAHI CHEMICAL INDUSTRY CO., LTD TOKYO, JAPAN RECOMBINANT HUMAN TUMOR NECROSIS FACTOR (PAC-4D) IN PATIENTS WITH PSORIASIS- A PHASE II STUDY MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-R670)	24,840.20
263.	WISC DEPT OF HEALTH AND SOCIAL SERVICES DIVISION OF HEALTH MADISON, WI PREVENTIVE MEDICINE COURSE PROJECTS FOR THE PERIOD 11-01-90 THRU 09-30-91 AWARD # FAA 31104 PO MSN HS-MED PREVENTIVE MED (133-R671)	500.00
264.	GLAXO INC. RESEARCH TRIANGLE PARK, NC CAE-515 A RANDOMIZED, INVESTIGATOR-BLINDED, MULTICENTER COMPARISON OF THE EFFICACY AND SAFETY OF CEFUROXIME AXETIL AND CEFIXIME IN THE TREATMENT OF PATIENTS WITH ACUTE BRONCHITIS AWARD # CLIN MSN HS-MED MEDICINE INFECT DIS (133-R674)	3,010.00
265.	SYDNEY (UNIVERSITY OF) SYDNEY, AUSTRALIA RESEARCH COSTS RELATING TO VISITING PROFESSOR MSN AG&LSC N R-WILDLIF ECOL (133-R676)	1,000.00
266.	AMERICAN COLLEGE OF SPORTS MEDICINE FOUNDATION INDIANAPOLIS, IN AGING EFFECTS ON MUSCLE GLUCOSE TRANSPORT AFTER EXERCISE MSN EDUC PHYS ED & DANCE BIODYN LAB (133-R679)	14,533.00
267.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMERGING CONSUMER ISSUES MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-R680)	1,500.00
268.	BERLEX LABORATORIES, INC. WAYNE, NJ PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY (133-R681)	10,000.00
269.	KRESS (CAROL J) DE PERE, WI LIPOSOME-ENCAPSULATED CHEMOTHERAPY STUDY MSN VET M MEDICAL SCIENCES (133-R682)	5,000.00
270.	PITTSBURGH (UNIVERSITY OF) PITTSBURGH, PA SOCIAL ZEITGEBERS AND ADAPTATION TO PARENTING FOR THE PERIOD 01-01-91 THRU 08-31-92 AWARD # 5-33359 MSN HS-PSY PSYCHIATRIC INST (133-R683)	83,885.00

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## RESEARCH

271.	HOSPITAL CORPORATION OF AMERICA NASHVILLE, TN STUDY OF TOTAL BURDEN OF ILLNESS FOR THE PERIOD 12-01-90 THRU 10-31-91 MSN ENGR ENGR EXPER STA HLTH SYS'S (133-R693)	54,417.00
272.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED (133-R694)	1,500,000.00
273.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED (133-R696)	75,000.00
274.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-R697)	75,000.00
275.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED (133-R698)	100,000.00
276.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED (133-R699)	25,000.00
277.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRIMARY CARE EXPENSES MSN HS-MED (133-R700)	600,000.00
278.	SANDOZ PHARMACEUTICALS EAST HANOVER, NJ A MULTICENTER PLACEBO-CONTROLLED DOUBLE-BLIND STUDY TO EVALUATE THE EFFICACY AND SAFETY OF SAN- DOSTATIN SMS 201-995 IN PATIENTS WITH ACQUIRED IMMUNODEFICIENCY-RELATED DIARRHEA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE RHEUMATOL (133-R701)	4,000.00
279.	SPENCER FOUNDATION CHICAGO, IL ECOLOGY OF AFTER SCHOOL CARE FOR THE PERIOD 01-01-91 THRU 12-31-93 MSN EDUC WIS CTR EDUC RES (133-R705)	313,800.00
280.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TECHNOLOGY ASSESSMENT FUND MSN ENGR INDUSTRIAL ENGR (133-R707)	7,500.00

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## RESEARCH

281.	MULTIPLE DONORS APPLICATION OF COMPUTER TECHNOLOGIES TO DAIRY PRACTICES MSN AG&LSC DAIRY SCIENCE	(133-R709)	200.00
282.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA NEW HORMONE - RESPONSIVE SYSTEM IN PROSTATE CANCER FOR THE PERIOD 01-01-91 THRU 12-31-92 AWARD # BE-78 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-R710)	203,000.00
283.	WISCONSIN PHYSICIANS SERVICE INSURANCE CORPORATION MADISON, WI RESEARCH ON THE ECONOMY AND THE WISCONSIN SEGMENTED BUSINESS CLIMATE MSN L&S ECONOMICS	(133-R712)	1,510.64
284.	INTERNATIONAL BUSINESS MACHINES CORPORATION ROCHESTER, MN GRAPHICAL ANALYSIS OF BEHAVIORAL DATA GENERATED BY DISCRETE EVENT SIMULATORS FOR THE PERIOD 01-01-91 THRU 12-31-91 AWARD # 14-90 MSN L&S COMPUTER SCI	(133-R713)	27,500.00
285.	DUPONT (E I) DENEMOURS AND COMPANY WILMINGTON, DE DIVISION OF POLICY STUDIES PROJECT SUPPORT MSN HS-MED NEUROLOGY	(133-R715)	4,850.00
286.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY DIETARY FACTORS IN SPORADIC ALS FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED NEUROLOGY	(133-R717)	10,000.00
287.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY CLASS SPECIFIC ANTI-NEUROFILAMENT ANTIBODIES AND ALS PROGRESSION FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED NEUROLOGY	(133-R718)	10,000.00
288.	GENERAL ELECTRIC MEDICAL SYSTEMS WAUKESHA, WI POST-DOCTORAL RESEARCH IN MAGNETIC RESONANCE IMAGING MSN HS-MED RADIOLOGY	(133-R722)	20,000.00
289.	NATIONAL KRAUT PACKERS ASSOCIATION, INC. ST. CHARLES, IL STUDY OF THE METHODS OF CONTROLLING CABBAGE DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-0209)	3,000.00



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## RESEARCH

290.	MULTIPLE DONORS			
	DERMATOLOGY RESEARCH			
	MSN HS-MED MEDICINE	DERMATOLGY	(133-4911)	600.00
291.	WEED CONTROL IN AGRONOMIC CROPS			
	MSN AG&LSC AGRONOMY		(133-5014)	
	1,650.00	DU PONT AGRICULTURAL PRODUCTS		
		WILMINGTON, DE		
	3,000.00	AMERICAN CYANAMID COMPANY		
		LAWRENCEVILLE, NJ		
	7,720.00	VALENT USA CORPORATION		
		SAN RAMON, CA		
				12,370.00
292.	UNIVERSITY OF WISCONSIN FOUNDATION			
	MADISON, WI			
	SUPPORT FOOD RESEARCH INSTITUTE			
	MSN AG&LSC FOOD MICRO&TOXIC		(133-5328)	250,000.00
293.	MULTIPLE DONORS			
	MEDICAL SCHOOL DEAN'S DISCRETIONARY FUND			
	MSN HS-MED		(133-5671)	100.00
294.	MULTIPLE DONORS			
	SUPPORT OF RESEARCH IN APLASTIC ANEMIA IN THE			
	DEPARTMENT OF PEDIATRICS			
	MSN HS-MED PEDIATRICS		(133-6732)	1,136.50
295.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL			
	MSN AG&LSC ENTOMOLOGY		(133-6855)	
	2,100.00	FERMENTA ASC CORPORATION		
		MENTOR, OH		
	1,500.00	DUPONT AGRICULTURAL PRODUCTS		
		WILMINGTON, DE		
				3,600.00
296.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED			
	CONTROL IN FRUIT AND VEGETABLE CROPS			
	MSN AG&LSC HORTICULTURE		(133-7179)	
	2,880.00	VALENT USA CORPORATION		
		FRESNO, CA		
	3,360.00	DUPONT (E.I.) DE NEMOURS AND COMPANY		
		WILMINGTON, DE		
	480.00	MONSANTO AGRICULTURAL PRODUCTS COMPANY		
		MILTON, WI		
	1,965.52	MULTIPLE DONORS		
	500.00	SOUTHERN MINNESOTA VEGETABLE GROWERS		
		HOLLANDALE, MN		
	1,020.00	DEAN KINCAID, INC.		
		PALMYRA, WI		
	2,760.00	WISCONSIN MUCK FARMERS ASSOCIATION		
		RANDOLPH, WI		
				12,965.52

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

297.	WISCONSIN CROP IMPROVEMENT MADISON, WI GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-8218)	15,000.00
298.	HALL (MAYBELLE S) WAUNAKEE, WI CYSTIC FIBROSIS RESEARCH MSN HS-MED PEDIATRICS (133-8586)	500.00
299.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND TRAINING PROGRAM MSN AG&LSC N R-WILDLIF ECOL (133-8598)	25,000.00
300.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL (133-8821)	7,500.00
301.	ICI AMERICAS, INC. WILMINGTON, DE HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY (133-9070)	1,000.00
302.	MULTIPLE DONORS WEED RESEARCH IN TURF, ORNAMENTALS AND TOBACCO MSN AG&LSC HORTICULTURE (133-9262)	480.00
303.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED CANCER CTR (133-9268)	9,222.50
304.	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

## STUDENT AID

1.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI GAVIN, ROBERT D.--LOAN FUND MSN HS-MED ( LOANS )	50.00
2.	PETERSON, JUDY MAZOMANIE, WI MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( LOANS )	25.00
3.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR ( TRUST )	10,272.32

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## STUDENT AID

4.	EARNINGS ON MISCELLANEOUS INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	( TRUST )	171.88
5.	ANGEVINE, DOROTHY E. MADISON, WI ANGEVINE, DR. MURRAY D.--MEMORIAL FUND MSN HS-MED	( TRUST )	1,000.00
6.	EARNINGS ON MISCELLANEOUS INVESTMENTS MSN L&S PSYCHOLOGY	( TRUST )	343.80
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MSN G SERV FELLOWS & SCHOLS	( TRUST )	335.97
8.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI WATER, DR. RALPH M.--SCHOLARSHIP MSN HS-MED	( TRUST )	300.00
9.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI RUSSO, DR. VINCENT--SCHOLARSHIP MSN HS-MED	( TRUST )	115.00
10.	NEWMAN, PAUL L. - NEWMAN'S OWN WESTPORT, CT NEWMAN, JEFFREY SCOTT--SCHOLARSHIPS MSN G SERV FELLOWS & SCHOLS	( TRUST )	10,000.00
11.	LOWENSTEIN, DR. & MRS. BERNARD ALBUQUERQUE, NM MSN G SERV FELLOWS & SCHOLS	( TRUST )	25.00
12.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI MORTENSEN, OTTO A.--SCHOLARSHIP MSN HS-MED	( TRUST )	80.00
13.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI WASSERBURGER, DR. RICHARD--STUDENT ASSISTANCE MSN HS-MED	( TRUST )	80.00
14.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI CLASS OF 1953--MEDICAL SCHOOL SCHOLARSHIP MSN HS-MED	( TRUST )	50.00
15.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI DICKIE, DR. HELEN--LOAN FUND MSN HS-MED	( TRUST )	850.00

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## STUDENT AID

- |     |  |            |              |
|-----|--|------------|--------------|
| 16. | UW MEDICAL ALUMNI ASSOCIATION<br>MADISON, WI<br>PETERSON, H. ISABELLE--SCHOLARSHIP FUND<br>MSN HS-MED  | ( TRUST )  | 304.00       |
| 17. | UW MEDICAL ALUMNI ASSOCIATION<br>MADISON, WI<br>WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND<br>MSN HS-MED   | ( TRUST )  | 1,792.00     |
| 18. | PROCEEDS FROM MISCELLANEOUS INVESTMENTS<br>MSN L&S PSYCHOLOGY  | ( TRUST )  | 390.45       |
| 19. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>PELL GRANT PROGRAM<br>FOR THE PERIOD 07-01-90 THROUGH 06-30-91<br>AT A TOTAL COST OF \$6,072,189.00<br>AWARD # P063P07121, MOD. 1<br>MSN G SERV FELLOWS & SCHOLS | (148-A091) | 2,121,749.00 |
| 20. | NATIONAL SCIENCE FOUNDATION<br>WASHINGTON, DC<br>IN SUPPORT OF THE FOLLOWING:  |            |              |
|     | 1) GRADUATE RESEARCH FELLOWSHIP PROGRAM-STIPENDS<br>FOR THE PERIOD 10-01-90 THROUGH 09-30-95<br>AWARD # RCD-9054834<br>MSN GRAD  | (144-BN84) | 744,150.00   |
|     | 2) GRADUATE RESEARCH FELLOWSHIP PROGRAM-<br>COST OF EDUCATION<br>FOR THE PERIOD 10-01-90 THROUGH 09-30-95<br>AWARD # RCD-9054834<br>MSN GRAD   | (144-BN85) | 354,000.00   |
| 21. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>JAMES OLAN REED FELLOWSHIP<br>MSN ENGR CIVIL & ENV ENGR   | (133-B477) | 7,000.00     |
| 22. | CARGILL INCORPORATED<br>MINNETONKA, MN<br>UNDERGRADUATE SCHOLARSHIPS IN MECHANICAL<br>ENGINEERING<br>MSN ENGR MECHANICAL ENGR MECH ENGR  | (133-C749) | 1,000.00     |
| 23. | CARGILL PROCESSING GROUP<br>MINNETONKA, MN<br>UNDERGRADUATE SCHOLARSHIPS IN CHEMICAL<br>ENGINEERING<br>MSN ENGR CHEMICAL ENGR  | (133-C750) | 1,000.00     |
| 24. | ROSSBACH (JACOB) SCHOLARSHIP FUND<br>MENOMONEE FALLS, WI<br>UNDERGRADUATE SCHOLARSHIP<br>MSN HS-PHR PHARMACY   | (133-F367) | 1,646.45     |

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

## STUDENT AID

25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING GENERAL ELECTRIC FOUNDATION MSN ENGR    CHEMICAL ENGR	(133-F608)	41,183.00
26.	GENERAL MILLS, INC. MINNEAPOLIS, MN CHEMICAL ENGINEERING SCHOLARSHIP FUND MSN ENGR    CHEMICAL ENGR	(133-F716)	3,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TREWARTHA HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S    ADM-STU ACAD AFF HONORS PRG	(133-H333)	7,000.00
28.	COLLEGE OF ENGINEERING FUND FOR POLYGON AWARDS MSN ENGR    OPERATIONS	(133-J169)	
	2,460.00    UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	900.00    POLYGON STUDENT ORGANIZATION MADISON, WI		
			3,360.00
29.	UNDERGRADUATE SCHOLARSHIP IN INDUSTRIAL ENGINEERING MSN ENGR    INDUSTRIAL ENGR	(133-J480)	
	2,000.00    ALOCA FOUNDATION PITTSBURGH, PA		
	2,000.00    DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI		
	800.00    ORE-IDA FOODS, INC. BOISE, ID		
			4,800.00
30.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR    CHEMICAL ENGR	(133-J629)	2,933.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S    ECONOMICS	(133-J797)	1,200.00
32.	FARMERS GROUP, INC. LOS ANGELES, CA FARMERS INSURANCE GROUP OF COMPANIES SCHOLARSHIP MSN BUS    SCH OF BUSINESS A SCI&R MG	(133-L061)	1,000.00

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE AND MARGARET MEEK BISHOP SCHOLARSHIP FUND MSN L&S ECONOMICS (133-L062)	90.00
34.	FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-L074)	
	100.00 MULTIPLE DONORS	
	400.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THEODORE D. TIEMANN MEMORIAL FUND MSN ENGR MAT SCI & ENGR (133-M327)	300.00
36.	WISCONSIN HIGHER EDUCATIONAL AIDS BOARD MADISON, WI MINORITY STUDENTS PROGRAM MSN LAW LAW SCHOOL (133-N637)	900.00
37.	LUBRIZOL FOUNDATION PEPPER PIKE, OH LUBRIZOL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-P891)	5,000.00
38.	EAST CENTRAL SELECT SIRES COOPERATIVE WAUPUN, WI EAST CENTRAL/SELECT SIRES COOPERATIVE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-Q298)	1,500.00
39.	COMMITTEE FOR INSTITUTIONAL COOPERATION CHAMPAIGN, IL CIC MINORITIES FELLOWSHIP PROGRAM MSN GRAD (133-R079)	166,100.00
40.	HERFF JONES, INC. SHAWNEE MISSION, KS HERFF JONES, INC. SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-R593)	913.00
41.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-MED ADMINISTRATION UNGR ST SE (133-R668)	400.00
42.	FOUNDRY EDUCATIONAL FOUNDATION CLEVELAND, OH SCHOLARSHIP PROGRAM IN METALS CASTING MSN ENGR MAT SCI & ENGR (133-O767)	5,000.00
43.	GREEN TREE GARDEN CLUB MEQUON, WI ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-O976)	1,000.00

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

44.	WISCONSIN ROAD BUILDERS ASSOCIATION MADISON, WI SCHOLARSHIP IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-4867)	500.00
45.	LAKE GENEVA GARDEN CLUB FOUNDATION, INC LAKE GENEVA, WI HELEN MCDONALD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-5665)	1,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-7137)	500.00
47.	CARGILL, INC. MEMPHIS, TN MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR MINORITIES ENGR MINOR PROG (133-8953)	500.00
TOTAL MADISON		33,444,604.50 =====

EXTENSION AND PUBLIC SERVICE	145,699.00
INSTRUCTION	50,151.00
LIBRARIES	4,697.72
MISCELLANEOUS	3,835,704.68
PHYSICAL PLANT	17,830.49
RESEARCH	25,885,111.74
STUDENT AID	3,505,409.87

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. SWEETBUSH TROPICAL PLANT RENTAL SERVICE  
MILWAUKEE, WI  
A GIFT OF SILK PLANTS FOR THE FINE ARTS  
THEATRE LOBBY DISPLAY  
MIL F ARTS THEATRE & DANCE THTR&DANCE

INSTRUCTION

1. MARQUETTE UNIVERSITY  
MILWAUKEE, WI  
91-209-NM  
PRIME CONTRACTOR WITH DHHS PHS  
MILWAUKEE GERIATRIC EDUCATION CENTER CONSORTIUM  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # 5 D31 AH65015-05  
MIL A H P GENERAL ADMIN (144-BY54) 25,466.00
2. TOWARDS THE PURCHASE OF ACID-FREE BOXES FOR  
STORAGE OF THE DOROTHY MEREDITH TEXTILE  
COLLECTION  
MIL F ARTS THEATRE & DANCE THTR&DANCE (133-D747)  
  
8,147.16 VARIOUS  
(PAUL E. NICHOLSON)  
ASHLAND, OREGON  
546.10 VARIOUS  
(WISCONSIN HANDWEAVERS, INC.)  
ASHLAND, OREGON  
  
8,693.26
3. VARIOUS  
ALLEN K. KOHL CHARITABLE FOUNDATION  
BEVERLY HILLS, CA  
GIFT TO COVER TWO COURSES IN SPRING SEMESTER 1991,  
INSTRUCTOR TOM AUGUST  
MIL L&S ENGLISH (133-F437) 5,000.00
4. WISCONSIN ELECTRICAL POWER CO.  
MILWAUKEE, WI  
A COMPUTER GRAPHICAL SIMULATION PACKAGE FOR POWER  
SYSTEM STUDY  
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-J673) 10,000.00
5. APPLE COMPUTERS INC.  
BROOKFIELD, WI  
GIFT FROM APPLE COMPUTERS INC. TO SUPPORT ADVANCED  
ACADEMIC MARKETING PROGRAM (COURSE 584-524)  
FOR THE PERIOD 09/01/90 THROUGH 02/28/91  
MIL L&S MASS COMMUNICATN (133-R575) 1,000.00
6. ACADEMY FOUNDATION  
BEVERLY HILLS, CA  
91-284-NM  
ACADEMY FOUNDATION'S SCHOLARSHIP AND GRANTS  
FOR THE PERIOD 09/01/90 THROUGH 05/31/91  
AWARD # CHECK #12577  
MIL F ARTS FILM (133-R672) 4,000.00



GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

7. WISCONSIN ECONOMIC EDUCATION COUNCIL  
MILWAUKEE, WI  
90-019-LK  
SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOP-  
MENT AND RELATED ACTIVITY  
MIL L&S ECONOMIC EDUC (133-4849) 2,125.00
8. UWM FOUNDATION  
(#516)  
MILWAUKEE, WI  
EVAN & MARION HELFAER PROFESSORSHIP IN THE UWM  
SCHOOL OF BUSINESS ADMINISTRATION  
MIL BUS AD SBA RESEARCH SBA RSRCH (133-9413) 28,807.00

## MISCELLANEOUS

1. SMITH BARNEY  
MAYER, HAROLD M.  
MILWAUKEE, WI  
PROC FROM SALE OF SECURITIES  
MIL L&S GEOGRAPHY ( TRUST ) 6,724.52
2. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION  
MADISON, WI  
90-499-NM  
PRIME CONTRACTOR WITH AGRIC  
SUMMER FOOD SERVICE PROGRAM - PRE-COLLEGE  
CENTER  
FOR THE PERIOD 06-25-90 THROUGH 08-03-90  
AWARD # 75-9473  
MIL AC AFF PRE-COLLEGE CTR (144-BQ30) 8,691.40
3. WISCONSIN ARTS BOARD  
MADISON, WI  
90-390-NM  
PRIME CONTRACTOR WITH NEA  
PAN WISCONSIN PROGRAM (1990-91)  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # FY91-0781  
MIL F ARTS METRO ARTS PROG GA 1990-91 (144-BN88) 9,504.00
4. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
91-057-NM  
PRIME CONTRACTOR WITH NEH  
HISPANIC HISTORY AND CULTURE CONFERENCE  
FOR THE PERIOD 11-01-90 THROUGH 05-31-91  
AWARD # FY90-053 (L)  
MIL AC AFF GENERAL (144-BY97) 7,350.00
5. UWM FOUNDATION (FM90-FRIENDS)  
KCAC (#297.0)  
MILWAUKEE, WI  
CHAIRMAN'S DISCRETIONARY ACCOUNT  
MIL L&S WUWM ADMIN-GEN (133-C622) 52,262.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

6. VARIOUS  
MILWAUKEE, WI  
SUPPORT UWM ORCHESTRA PROGRAM  
MIL F ARTS MUSIC (133-H688) 330.00
7. HIGHER EDUCATION CABLE CONSORTIUM  
MILWAUKEE, WI  
OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR  
HECC  
FOR THE MONTHS OF SEPTEMBER AND OCTOBER  
MIL ED COM PROJECTS SP P2-HECC (133-L344) 2,962.00
8. AMERICAN COLLEGE OF SPORTS MEDICINE  
INDIANAPOLIS, IN  
PRESIDENCY OF AMERICAN COLLEGE OF  
SPORTS MEDICINE  
AWARD # CHECK NO. 13901  
MIL A H P AH MAJOR (133-P772) 2,064.09
9. UWM FOUNDATION  
220.2  
MILWAUKEE, WI  
SUPPORT FOR UWM ATHLETICS MEN'S SOCCER PROGRAM  
MIL STU AF INTRCOL ATHL-MEN SOCCER (133-P945) 1,500.00
10. ENVIRONMENTAL DESIGN RESEARCH ASSOCIATION  
OKLAHOMA CITY, OK  
90-582-NM  
EDRA NEWSLETTER  
FOR THE PERIOD 01/01/91 THROUGH 12/31/91  
MIL ARC&UP ARCH&U P RES CTR (133-Q975) 4,000.00

## RESEARCH

1. JOHNSON CONTROLS  
STEVEN J. BOMBA  
MILWAUKEE, WI  
WISCONSIN DISTINGUISHED PROFESSORSHIP  
(182-B19-5900)  
MIL ENG&AS MATERIALS 25,000.00
2. AGRIC. FOREST SERVICE  
ESCANABA, MI  
91-030-NM  
INVESTIGATION OF HISTORIC LOGGING EFFECTS ON  
FLUVIAL GEOMORPHOLOGY AND FISERIES HABITAT  
HIAWATHA NATIONAL FOREST, MICHIGAN  
FOR THE PERIOD 11-13-90 THROUGH 01-31-92  
AWARD # 53-54B0-1-00479  
MIL L&S GEO (144-BZ15) 86,096.00
3. UTAH STATE UNIVERSITY  
LOGAN, UTAH  
91-225-NM  
PRIME CONTRACTOR WITH DED  
LONGITUDINAL FOLLOW-UP OF SMA-LAKE MCHENRY SUBJECT  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # 91-078  
MIL EDUC EDUC PSYCHOLOGY (144-BY53) 10,213.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

4. WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
90-419-NM  
PRIME CONTRACTOR WITH DHHS  
LOW INCOME ENERGY STUDY  
FOR THE PERIOD 03-01-90 THROUGH 12-31-90  
AWARD # P.O. FSJ86157 PO  
MIL S WELF SOC WELFARE ADMN SOC WEL AD (144-BM57) 24,098.10
5. DOD, NAVY  
ARLINGTON, VA  
THEORETICAL STUDY OF REACTING GAS JETS  
SUBMERGED IN LIQUID METALS  
FOR THE PERIOD 10-01-88 THROUGH 12-31-90  
AWARD # N00014-89-J-1267  
MIL ENG&AS MECHANICAL ENGR MECH ENGR (144-AT10) 22,457.00
6. BIO PHOTONICS  
GREENFIELD, WI  
90-463-NM  
PRIME CONTRACTOR WITH DOD NAVY  
ISOLATION OF METAL RESISTANT BACTERIA  
FOR THE PERIOD 10-01-90 THROUGH 05-30-92  
MIL GRAD GT LKS ST, CTR F (144-BZ03) 106,762.00
7. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) DETERMINATION OF SURFACE AND INTERFACE STRUCTURES  
BY LOCAL AND LONG-RANGE ORDER DIFFRACTION  
TECHNIQUES  
FOR THE PERIOD 11-15-88 THROUGH 04-30-92  
AWARD # DMR-8805938  
MIL GRAD LAB FOR SURF STU (144-AS06) 75,000.00
  - 2) THE MOLECULAR BASIS OF REGULATION OF GLOBIN  
SYNTHESIS IN AN INSECT  
FOR THE PERIOD 11-01-89 THROUGH 04-30-92  
AWARD # DCB-8904772-01  
MIL L&S BIOLOGICAL SCI (144-BG48) 40,500.00
8. GREDE FOUNDRIES, INC  
MILWAUKEE, WI  
DISCRETIONARY USE OF DR. VENUGOPALAN TO STUDY  
DUCTILE IRON MATERIAL PROPERTIES  
MIL ENG&AS MATERIALS (133-H689) 5,000.00
9. FLOW SYSTEMS INC.  
KENT, WA  
STIPEND FOR DISCRETIONARY RESEARCH PURPOSES  
MIL ENG&AS MECHANICAL ENGR MECH ENGR (133-K994) 2,000.00
10. ELECTRIC POWER RESEARCH INSTITUTE  
PALO ALTO, CA  
SOLIDIFICATION PROCESSING OF METAL MATRIX -  
FLYASH PARTICLE COMPOSITES  
FOR THE PERIOD 05/04/88 THROUGH 12/31/93  
AWARD # RP2422-18  
MIL ENG&AS MATERIALS (133-M885) 50,000.00

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

## RESEARCH

11. VARIOUS (NORDBERG INC)  
MILWAUKEE, WI  
COMPRESSION TESTS  
AWARD # CHECK #DO26683  
MIL ENG&AS CIVIL ENGINEER'G (133-N194) 1,620.00
12. UWM FOUNDATION  
(PRIME SPONSOR) MARSHALL & ILLSLEY FOUNDATION  
MILWAUKEE, WI  
MILWAUKEE PUBLIC SCHOOL SYSTEM HISTORY  
PROJECT  
MIL L&S HISTORY (133-N617) 10,000.00
13. VARIOUS DONORS  
ELF AQUITANE TECHNOLOGIES  
STANFORD, CONNECTICUT  
GIFT FOR LABORATORY RESEARCH EXPENSES  
MIL L&S CHEMISTRY (133-P153) 7,500.00
14. ASHCO, INC.  
WAUSAU, WI  
AN ARCHAEOLOGICAL SURVEY OF A PROPOSED LAND-  
FILL NEAR RHINELANDER, ONEIDA COUNTY, WISCONSIN  
MIL L&S ANTHROPOLOGY (133-P675) 1,342.00
15. MIDWEST RESEARCH TECHNOLOGIES  
P/C WISCONSIN DEPT. OF DEVELOPMENT  
MILWAUKEE, WI  
THIN FILM LANTHANUM HEXABORIDE CATHODES FOR  
ELECTRONIC DEVICES  
MIL L&S PHYSICS (133-P779) 786.00
16. IBM ALMADEN RESEARCH CENTER  
SAN JOSE, CA  
90-034-NM  
RESEARCH AND DEVELOPMENT IN PHOTOELECTRON  
MICROSCOPY  
FOR THE PERIOD 10/01/90 THROUGH 09/30/91  
AWARD # IBM NO. 0394  
MIL L&S PHYSICS (133-P959) 35,000.00
17. ELECTRIC POWER RESEARCH INSTITUTE  
PALO ALTO, CA  
90-047-NM  
LOW COST CONSTRUCTION MATERIALS TO IMPROVE  
CONSTRUCTION TECHNOLOGIES  
FOR THE PERIOD 11/13/89 THROUGH 12/31/90  
AWARD # RP3176-01 A-2  
MIL ENG&AS CIVIL ENGINEER'G (133-Q123) 27,000.00
18. MILWAUKEE JEWISH COMMUNITY FOUNDATION  
MILWAUKEE, WI  
GIFT TO SUPPORT HOLOCAUST STUDIES PROGRAM  
MIL L&S SOCIOLOGY (133-Q488) 4,000.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

19.	UWM FOUNDATION MILWAUKEE, WI M.I.S. DEVELOPMENT FUND MIL BUS AD SBA RESEARCH	SBA RSRCH	(133-Q524)	15,665.00
20.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONARY RESEARCH MIL GRAD GT LKS ST, CTR F		(133-Q781)	8,000.00
21.	UWM FOUNDATION MILWAUKEE, WI SHAW SCHOLAR - STEVEN FORST MIL L&S BIOLOGICAL SCI		(133-R105)	12,000.00
22.	DEPARTMENT OF CITY DEVELOPMENT MILWAUKEE, WI 90-517-BF TRACKING STATE SUBSIDIES FOR THE PERIOD 06/01/90 THROUGH 07/31/90 AWARD # PO#702605 MIL GRAD URBAN RESRCH CTR		(133-R577)	2,970.00
23.	WISCONSIN DEPARTMENT OF DEVELOPMENT MADISON, WI 91-120-NM DEVELOPMENT OF RECOMMENDED METHODS OFR ADMINISTRATION OF STATEWIDE RECYCLING REBATE PROGRAM FOR WISCONSIN FOR THE PERIOD 10/26/90 THROUGH 02/15/91 MIL ENG&AS CIVIL ENGINEER'G		(133-R578)	10,000.00
24.	UWM FOUNDATION MILWAUKEE, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MIL L&S GEO		(133-R595)	4,244.00
25.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI 91-240-NM SURVEY OF EMPLOYERS ON EDUCATION/TRAINING ISSUES FOR THE PERIOD 11/15/90 THROUGH 12/31/91 MIL GRAD URBAN RESRCH CTR		(133-R644)	18,000.00
26.	FORD FOUNDATION NEW YORK, NY 91-136-NM SUPPORT SCHOLARLY WORK AS A FORMER FORD FOUNDATION FELLOW FOR THE PERIOD 09/01/90 THROUGH 08/31/91 AWARD # 880-0765 MIL L&S SOCIOLOGY		(133-R702)	2,500.00
27.	WISCONSIN HUMANITIES COMMITTEE (P/C NEH) MADISON, WI 91-194-LK WOLFGANG AND 'NANNERL': A STUDY OF TWO MOZARTS FOR THE PERIOD 12/01/90 THROUGH 04/30/91 AWARD # FY91-004 MIL F ARTS MUSIC		(133-R711)	1,500.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

28. COMPOSITE TUBING TESTS  
MIL ENG&AS CIVIL ENGINEER'G (133-9372)

2,070.00	SUPER STEEL PRODUCTS CORP. MILWAUKEE, WI 91-123-NM	
409.00	AMALGA COMPOSITES INC. MILWAUKEE, WI	
		2,479.00

## STUDENT AID

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

1) PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # P063P97122  
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B090) 27,400.00

2) PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # P063P07122  
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B091) 3,139,179.00

2. VARIOUS DONORS  
MILWAUKEE, WI  
LEENHOUTS SCHOLARSHIP  
MIL ARC&UP ADMINISTRATION ADMIN (133-Q706) 110.00

TOTAL MILWAUKEE	3,958,900.37
	=====

INSTRUCTION	85,091.26
MISCELLANEOUS	95,388.01
RESEARCH	611,732.10
STUDENT AID	3,166,689.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. NATIONAL AERONAUTICS AND SPACE ADMIN  
MOFFETT FIELD, CA  
CONFERENCE ON "COMMENTS AND THE ORIGINS AND  
EVOLUTION OF LIFE"  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
EAU ART&SC PHYS & ASTRONOMY (144-1020) 12,000.00
2. WISCONSIN ARTS BOARD  
MADISON, WI  
PRIME CONTRACTOR WITH NEA  
WISCONSIN ARTS BOARD FORMULA GRANT  
FOR THE PERIOD 09-27-90 THROUGH 06-30-91  
EAU AUX OP OTHER ORG ACTIV (144-1034) 2,184.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
FISCAL YEAR 1990-91: PELL GRANT  
FOR THE PERIOD 10-24-90 THROUGH 06-30-91  
AWARD # P063P07119, MOD. 1  
EAU ST AST ED OPPOR GRANTS (148-1001) 1,241,990.00

TOTAL EAU CLAIRE 1,256,174.00  
=====

EXTENSION AND PUBLIC SERVICE 14,184.00  
STUDENT AID 1,241,990.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - GREEN BAY

## RESEARCH

1. MCINTOSH (THOMAS H)  
GREEN BAY, WI  
SOILS AND LAND HUSBANDRY  
GBY A,S&GS NAT APP SCI (133-K877) 500.00
2. GREEN BAY AREA CHAMBER OF COMMERCE  
GREEN BAY, WI  
ADVANCE BIOTECHNOLOGY TECHNOLOGY TRANSFER SUPPORT  
GBY PRS&OR BUSINESS ADMIN (133-P737) 5,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AT A TOTAL COST OF \$1,868,413.00  
AWARD # PO63PO7120, MOD. 1  
GBY ST AID FEL & SCHOL-AOG (148-DO91) 646,633.00
2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
INTERNATIONAL EDUCATION SCHOLARSHIPS  
GBY HSSGE INTL EDUCATION (133-R684) 1,100.00

TOTAL GREEN BAY 653,233.00  
=====

RESEARCH 5,500.00  
STUDENT AID 647,733.00



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

## EXTENSION AND PUBLIC SERVICE

1.	PUBLIC/PRIVATE SCHOOL COLLABORATIVE PROJECT		
	PKS G E A CHANCELLORS OFF ADMIN	(133-R653)	
	5,000.00	CASE (J. I.)	
		RACINE, WI	
	5,000.00	TENNECO MANAGEMENT COMPANY	
		HOUSTON, TX	
			10,000.00

## INSTRUCTION

1.	UW-PARKSIDE BENEVOLENT FOUNDATION		
	KENOSHA, WI		
	BUSINESS EDUCATION PROGRAM MATCHING FUNDS (DIN)		
	PKS SCH BU DEAN'S OFF	(133-R242)	2,000.00
2.	FIRESIDE THEATRE		
	FORT ATKINSON, WI		
	CONSTRUCTION OF THE FIRESIDE PRODUCTION		
	PKS LIB AR DRAMA ARTS	(133-R594)	43,905.00
3.	WISC DEPT OF PUBLIC INSTRUCTION		
	MADISON, WI		
	PRE-COLLEGE PREP PROGRAMS (CHAMP & DOC)		
	PKS AC SUP CHAMP	(133-R678)	13,640.00

## MISCELLANEOUS

1.	MULTIPLE DONORS		
	REPAIR AND MAINTENANCE OF SCIENCE DIVISION		
	EQUIPMENT		
	PKS SCI&TE DEAN'S OFF	(133-H334)	100.00
2.	MULTIPLE DONORS		
	PARKSIDE PRINT WORKSHOP		
	PKS LIB AR ART	(133-K826)	4,716.00
3.	REGIONAL STAFF DEVELOPMENT CENTER		
	PKS G E A CHANCELLORS OFF ADMIN	(133-M132)	
	560.00	NORWAY-RAYMOND JT. #7	
		DROUGHT K-8 SCHOOL	
		RANKSVILLE, WI	
	910.00	TREVOR STATE GRADED SCHOOL	
		SALEM DISTRICT #7	
		TREVOR, WI	
			1,470.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - PARKSIDE

## RESEARCH

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) MOLECULAR SPECTROSCOPY OF SMALL GAS PHASE  
POLYATOMIC MOLECULES  
FOR THE PERIOD 11-01-88 THROUGH 04-30-92  
AT A TOTAL COST OF \$82,620.00  
AWARD # CHE-8815974, MOD. 2  
PKS SCI&TE CHEMISTRY (144-AR23) 19,000.00
  - 2) WISCONSIN SCIENCE EDUCATION SERVICE CENTERS  
NETWORK PROJECT  
FOR THE PERIOD 09-01-89 THROUGH 08-31-91  
AT A TOTAL COST OF \$220,026.00  
AWARD # TPE-8855565, MOD. 1  
PKS SCI&TE BIO SCI (144-BG73) 102,217.00
2. CENTER FOR SURVEY AND MARKETING RESEARCH  
PKS SCH BU BUSINESS ACCOUNTING (133-G937)
 

3,925.00	J I CASE COMPANY	
	RACINE, WI	
766.50	RAINFAIR, INC.	
	RACINE, WI	
		4,691.50

## STUDENT AID

1. MULTIPLE DONORS  
U.W. PARKSIDE MEMORIAL SCHOLARSHIP FUND (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 10.00
2. DUDYCHA, ART & LINDA  
KENOSHA, WI  
POLCZYNSKI, JAMES J.--SCHOLARSHIP (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 125.00
3. AMERITECH SERVICES  
CHICAGO, IL  
UNIVERSITY ENDOWED SCHOLARSHIP FUND (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 50.00
4. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AT A TOTAL COST OF \$787,204.00  
AWARD # PO63PO7124, MOD. 1  
PKS BUS SV FELLOWS & SCHOLS (148-G091) 53,701.00
5. MULTIPLE DONORS  
MUSIC SCHOLARSHIPS  
PKS LIB AR MUSIC (133-C489) 337.25

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

## STUDENT AID

6.	MULTIPLE DONORS		
	ART SCHOLARSHIP FUND		
	PKS BUS SV FELLOWS & SCHOLS	(133-G128)	75.00
7.	MULTIPLE DONORS		
	SAHAG AKGULIAN ENGINEERING SCHOLARSHIP		
	PKS BUS SV FELLOWS & SCHOLS	(133-J040)	10.00

TOTAL PARKSIDE	256,047.75
	=====

EXTENSION AND PUBLIC SERVICE	10,000.00
INSTRUCTION	59,545.00
MISCELLANEOUS	6,286.00
RESEARCH	125,908.50
STUDENT AID	54,308.25

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ASSISTING MIDDLE SCHOOL TEACHERS  
FOR THE PERIOD 11-29-90 THROUGH 11-29-91  
AWARD # PAA 01768  
PLT G EXT EXTENSION CEYA EXTEN CEYA (144-0546) 10,000.00

GIFT-IN-KIND

1. DOW ELANCO  
GREENFIELD, IN  
FARM MACHINERY-DRILL, THRESHER, SEEDER, TRAILER,  
AND PLANTER  
PLT AGRIC AGR SCIENCES

TOTAL PLATTEVILLE 10,000.00  
=====

EXTENSION AND PUBLIC SERVICE 10,000.00

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

## EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
STUDENT SUPPORT SERVICES  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
AWARD # PD42A00166  
STP AC AFF EQUAL OPPOR PROG EQ OPP PRG (144-3317) 150,554.00
2. WISCONSIN ECONOMIC EDUCATION COUNCIL  
MILWAUKEE, WI  
NORTH CENTRAL WISCONSIN CENTER FOR ECONOMIC  
EDUCATION  
FOR THE PERIOD 07-01-90 THROUGH 06-31-91  
STP COLS ECON & BUS ADM (133-6202) 8,000.00
3. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
LAKE MANAGEMENT, EDUCATIONAL AND ORGANIZATIONAL  
ASSISTANCE  
FOR THE PERIOD 10-01-90 THROUGH 09-31-91  
AWARD # NRA 90807  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8460) 151,734.00
4. SHEBOYGAN COUNTY CONSERVATION ASSOCIATION  
SHEBOYGAN, WI  
DEVELOPEMNT OF A MASTER PLAN FOR SHEBOYGAN  
COUNTY OUTDOOR/ENVIRONMENTAL SKILLS CENTER  
FOR THE PERIOD 10-01-90 THROUGH 07-01-91  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8545) 7,036.00

## INSTRUCTION

1. PORTAGE COUNTY PLANNING-ZONING DEPARTMENT  
STEVENS POINT, WI  
ROUTINE DUTIES OF THE PLANNING-ZONING DEPARTMENT  
(SEWAGE SYSTEMS)  
FOR THE PERIOD 06-01-90 THROUGH 11-01-90  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8569) 1,000.00

## RESEARCH

1. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
SEASONAL VARIABILITY OF SEVEN BENTHIC COMMUNITY  
METRICS USED FOR ASSESSING WATER QUALITY  
FOR THE PERIOD 09-11-90 THROUGH 05-31-93  
AWARD # 14-16-009-1519  
STP CONR NATURAL RESOURCES NAT RESRCS (144-8431) 2,940.00
2. NATIONAL AERONAUTICS AND SPACE ADMIN  
CLEVELAND, OH  
PENDANT ANTI-OXIDANTS FOR HIGH PERFORMANCE  
MATRIX RESINS  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # NAG3-1209  
STP COLS CHEMISTRY (144-5515) 20,584.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## RESEARCH

3. WISC DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
EVALUATING DEPARTMENT OF PUBLIC INSTRUCTION  
AODA GRANTS  
FOR THE PERIOD 09-01-90 THROUGH 12-13-90  
AWARD # PAA 01226  
STP COPS SCH OF EDUCATION (133-6301) 14,000.00
4. WISC DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
AVAILABILITY OF K-12 ADMINISTRATORS  
FOR THE PERIOD 08-27-90 THROUGH 05-24-91  
AWARD # PAA 01351  
STP COPS SCH OF EDUCATION (133-6309) 34,471.00
5. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
MACROINVERTEGRATE BIOMONITORING  
FOR THE PERIOD 10-10-90 THROUGH 09-30-91  
AWARD # NRA 90882  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8406) 46,730.00
6. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
TOOTH CROSS-SECTIONING  
FOR THE PERIOD 09-13-90 THROUGH 06-30-91  
AWARD # NRA 10448  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8412) 4,950.00
7. NATIONAL WILD TURKEY FEDERATION, INC  
EDGEFIELD, SC  
FACTORS AFFECTING WILD TURKEY POPULATIONS IN  
EAST CENTRAL WISCONSIN  
FOR THE PERIOD 09-01-90 THROUGH 05-31-91  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8507) 14,100.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
INDIAN EDUCATION PROGRAM, INDIAN FELLOWSHIPS  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
AWARD # S087B00037  
STP AC AFF V CHANC-ACAD AFF NATIVE A C (144-3320) 3,990.00

TOTAL STEVENS POINT 460,089.00  
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EXTENSION AND PUBLIC SERVICE	317,324.00
INSTRUCTION	1,000.00
RESEARCH	137,775.00
STUDENT AID	3,990.00

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

## EXTENSION AND PUBLIC SERVICE

1. CRISIS PREVENTION INSTITUTE  
BROOKFIELD, WI  
FUNDS IN SUPPORT OF THE CONFERENCE OF THE  
TROUBLED ADOLESCENT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO ET&PS EXTENSION ADMIN NON-CR OTR (133-0690) 500.00
2. PHILLIPS PLASTICS CORPORATION  
PRESCOTT, WI  
PLANT OPERATION REVIEW OF CHIPPEWA AND PRESCOTT  
PLANTS AND PRESENTATION OF VALUE ADDED  
MANUFACTURING  
FOR THE PERIOD 10-23-90 THROUGH 11-30-90  
STO I&TECH CTR INVTN&DEVEL (133-1345) 1,880.00
3. BRIAN DOERR  
WAUSAU, WI  
THE DEVELOPMENT AND EVALUATION OF PROTOTYPE SNAP  
FASTENERS  
FOR THE PERIOD 09-20-90 THROUGH 12-15-90  
STO I&TECH CTR INVTN&DEVEL (133-1365) 4,852.00
4. ALTEC  
FAIRMONT, MN  
ALTEC INCUBATOR PROJECT  
FOR THE PERIOD 07-01-89 THROUGH 12-31-90  
STO I&TECH INDUSTRIAL MGMNT IND MGMNT (133-3540) 5,786.70

## GIFT-IN-KIND

1. ANNETTA HAMILTON ROSSER  
MADISON, WI  
"THE JOURNAL OF ACM COMPUTING SURVEYS" (VOLUMES 1-  
21) AND "COMMUNICATIONS ACM" (VOLUMES 25-33)  
STO LIB RE LRNG RESRCS ADM
2. BUCKBEE-MEARS  
ST. PAUL, MN  
GIFT OF AN INDUSTRIAL ROBOT  
STO I&TECH I&T-PROGRAM DIR
3. HANDLER TEXTILE CORPORATION  
NEW YORK, NY  
TWELVE YARDS OF FOUR TYPES OF INTERFACING  
STO H ECON APPAREL, TEX&DES
4. CONSOLIDATED PAPERS, INC.  
WISCONSIN RAPIDS, WI  
EIGHTEEN REAMS OF 90# "D" SIZE COATED PAPER  
STO I&TECH I&T-PROGRAM DIR
5. RUSSELL CORPORATION  
ALEXANDER CITY, AL  
PAID HOTEL ROOM WHILE VISITING COMPANY  
STO H ECON APPAREL, TEX&DES

GIFTS, GRANTS AND CONTRACTS  
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## GIFT-IN-KIND

6. MILLIKEN & COMPANY  
SPARTANBURG, SOUTH CAROLINA  
PAID TRAVEL EXPENSES TO SOUTH CAROLINA TO ATTEND A  
MILLIKEN SEMINAR  
STO H ECON APPAREL, TEX&DES
7. MARCUS THEATERS OF MENOMONIE  
MENOMONIE, WI  
TWENTY THEATER PASSES  
STO H ECON APPAREL, TEX&DES
8. TAPEDEK-SUNDECK  
MENOMONIE, WI  
MOVIE COUPONS  
STO H ECON APPAREL, TEX&DES
9. MY STYLE HAIR & TANNING  
MENOMONIE, WI  
HAIR CUT AND TANNING SESSION COUPONS  
STO H ECON APPAREL, TEX&DES
10. LEISSA'S HAIR STUDIO  
MENOMONIE, WI  
MISCELLANEOUS COUPONS  
STO H ECON APPAREL, TEX&DES
11. SPURGEON'S FASHION APPAREL  
MENOMONIE, WI  
COLOGNE  
STO H ECON APPAREL, TEX&DES
12. TWO PLUS TWO  
MENOMONIE, WI  
EARRINGS  
STO H ECON APPAREL, TEX&DES
13. LITTLE CAESAR'S  
MENOMONIE, WI  
PIZZA COUPONS  
STO H ECON APPAREL, TEX&DES
14. HARDEE'S FAMILY RESTAURANT  
MENOMONIE, WI  
SUNGLASSES  
STO H ECON APPAREL, TEX&DES
15. MCDONALD'S RESTAURANT  
MENOMONIE, WI  
BREAKFAST COUPONS  
STO H ECON APPAREL, TEX&DES
16. BURGER KING  
MENOMONIE, WI  
HAMBURGER COUPONS  
STO H ECON APPAREL, TEX&DES



GIFTS, GRANTS AND CONTRACTS  
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## GIFT-IN-KIND

17. CREAMERY RESTAURANT & INN  
DOWNSVILLE, WI  
SUNDAY BRUNCH COUPONS  
STO H ECON APPAREL, TEX&DES
18. CHEESY PIZZA FACTORY  
MENOMONIE, WI  
BUFFET AND PIZZA COUPONS  
STO H ECON APPAREL, TEX&DES
19. SUBWAY HOLIDAY PLAZA  
EAU CLAIRE, WI  
DISCOUNT COUPONS  
STO H ECON APPAREL, TEX&DES
20. IBM  
EAU CLAIRE, WI  
THREE PERSONAL COMPUTERS WITH COLOR MONITORS  
STO H ECON APPAREL, TEX&DES
21. MONOTYPE TYPOGRAPHY INC.  
CHICAGO, IL  
TWENTY-SIX TYPE FONTS AND ASSORTED TYPOGRAPHICAL  
LITERATURE  
STO I&TECH
22. PAMARCO INC.  
BATAVIA, IL  
ONE HAND PROOFER FOR MIXING AND TESTING OF GRAVURE  
AND FLEXOGRAPHY INKS  
STO I&TECH
23. GRAVURE PROCESS COMPANY  
CHICAGO, IL  
ENGRAVED GRAVURE CYLINDER FOR CLASSROOM DISPLAY  
STO I&TECH
24. SPARTA BRUSH COMPANY, INC.  
SPARTA, WI  
PASTRY BRUSHES, VIDEO AND MANUALS ON BRUSHES USED  
IN THE KITCHEN  
STO I&TECH
25. GEIGER TOOL AND MANUFACTURING  
PASSAIC, NEW JERSEY  
GRAVURE CYLINDER FOR GEIGER PROOF PRESS  
STO I&TECH
26. REINDL PRINTING  
MERRILL, WI  
ENCOMATIC NEGATIVE PLATE PROCESSOR (MODEL N-322)  
STO I&TECH
27. PAUL JENNINGS  
MENOMONIE, WI  
SET OF REFERENCE BOOKS FROM VARIOUS VERSIONS OF  
THE SYMPHONY COMPUTER PROGRAM  
STO I&TECH

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

## GIFT-IN-KIND

28. WIKOFF COLOR CORP INK  
FORTMILL, SOUTH CAROLINA  
FOURTEEN FIVE-POUND CANS OF OFFSET INK  
STO I&TECH
29. AGFA COMPUGRAPHIC DIVISION OF AGFA CORPORATION  
BLOOMINGTON, MN  
ONE AGFA RAPILINE FILM PROCESSOR, THREE DIFFUSION  
TRANSFER PROCESSORS, AND SIXTY COPYPROOF DISCOVERY  
KITS  
STO I&TECH
30. KATE-LO, INC.  
MINNEAPOLIS, MN  
VARIOUS MARBLE AND TILE SAMPLES FOR FLOORS AND  
WALLS  
STO H ECON
31. RESTAURANT DIVISION OF MARSHALL FIELDS  
CHICAGO, IL  
WHITE AND DARK CHOCOLATE  
STO H ECON
32. HORTON MANUFACTURING  
WEBSTER, WI  
ELECTRONIC DIGITAL MICROMETER  
STO I&TECH
33. MARY DONLEY  
MENOMONIE, WI  
WEDDING DRESS, SHOES, AND COAT  
STO H ECON
34. THE CHROMALINE CORPORATION  
DULUTH, MN  
THREE MAGNA/CURE TEST KITS AND ONE VIDEO  
STO I&TECH
35. ANONYMOUS  
MENOMONIE, WI  
APPLE IIE COMPUTER AND ALL ACCESSORIES  
STO I&TECH

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COOPERATIVE EDUCATION PROGRAM  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
STO G E A STU AFF & COUNSL PLACEMENT (144-1700) 105,244.00
2. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL, TECHNICAL AND ADULT MANAGEMENT  
SKILLS WORKSHOP  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO I&TECH CTR FOR VTAE CTR VTAE (144-1560) 12,908.00

GIFTS, GRANTS AND CONTRACTS  
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## INSTRUCTION

3. SCOTT PAPER COMPANY  
PHILADELPHIA, PA  
PACKAGING CONCEPTS AND MATERIALS DEVELOPMENT  
FOR THE PERIOD 10-01-90 THROUGH 12-31-90  
STO I&TECH TECHNOLOGY (133-1330) 2,000.00

## MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS IN SUPPORT OF HORMAL PROFESSORSHIP IN  
TRAINING AND HUMAN RESOURCE DEVELOPMENT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 1487-1-A-90  
STO I&TECH COMM ED & TR (133-0129) 4,400.00

2. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS IN SUPPORT OF BARNETTE PROFESSORSHIP  
FOR PROFESSIONAL DEVELOPMENT  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
STO H ECON FOOD SCI & NUTR (133-0530) 1,000.00

3. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS IN SUPPORT OF VOCATIONAL EVALUATION SERVICES  
FOR UW-STOUT STUDENTS WITH DISABILITIES  
FOR THE PERIOD 09-01-90 THROUGH 08-30-91  
STO G E A STU AFF & COUNSL SVC STU DI (133-1140) 4,500.00

4. ADC TELECOMMUNICATIONS  
MINNEAPOLIS, MN  
FUNDS IN SUPPORT OF FACULTY INSERVICE, TRAVEL,  
AND EQUIPMENT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO I&TECH TECHNOLOGY (133-4760) 3,000.00

## RESEARCH

1. HOEGANAES CORPORATION  
RIVERTON, NJ  
EXTENSION OF HOEGANAES I CONTRACT  
FOR THE PERIOD 09-01-89 THROUGH 05-31-90  
STO I&TECH CTR INVTN&DEVEL (133-0384) 56,054.00

TOTAL STOUT 202,124.70  
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EXTENSION AND PUBLIC SERVICE	13,018.70
INSTRUCTION	120,152.00
MISCELLANEOUS	12,900.00
RESEARCH	56,054.00

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

## RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

1) FIELD EVALUATION OF AQUATIC ECOSYSTEMS TO  
PESTICIDE STRESS  
FOR THE PERIOD 04-23-90 THROUGH 04-11-92  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0465) 33,940.00

2) FISH POPULATION CHANGES AND THE MECHANISMS  
ASSOCIATED WITH CHANGE IN AN ACIDIFIED LAKE  
FOR THE PERIOD 04-01-90 THROUGH 03-31-91  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0466) 7,884.00

2. MURPHY OIL USA, INC  
SUPERIOR, WI  
FUNDS IN SUPPORT OF WATER SAMPLING  
FOR THE PERIOD 10-11-90 THROUGH 10-19-90  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (133-0467) 1,003.00

TOTAL SUPERIOR 42,827.00  
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RESEARCH 42,827.00

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

## INSTRUCTION

1.	OPTIONS HUNTINDON, PA OPTIONS FACULTY SPEAKER'S BUREAU PROGRAM WTW BUS&EC ECONOMICS	(133-1344)	750.00
2.	MILLER BREWING COMPANY MILWAUKEE, WI WISCONSIN INTERNATIONAL PARTNERS WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC	(133-1525)	2,500.00
3.	WI DEPT OF PUBLIC INSTRUCTION MADISON, WI ACT PREPARATION CAMPS FOR 1990-91 FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # LTR DTD 11/1/90 WTW G E A ACAD SUPPORT SVS	(133-1531)	7,700.00

## MISCELLANEOUS

1.	WI DEPT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION MINORITY PRE-COLLEGE PROGRAM WTW G E A ACAD SUPPORT SVS	(133-0034)	6,545.65
2.	UW-WHITEWATER FOUNDATION WHITEWATER, WI 1990 SUMMER FACULTY INTERNSHIPS WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC	(133-1370)	7,281.00
3.	UW-WHITEWATER FOUNDATION WHITEWATER, WI FACULTY DEVELOPMENT EXPENDITURES WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC	(133-1374)	2,000.00

## RESEARCH

1.	NORTH AMERICAN PHILIPS CORP NEW YORK, NY ARTIFACT AGING WTW L&S ANTHROPOLOGY	(133-1317)	900.00
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## STUDENT AID

1.	CONNOR, MR & MRS JAMES R. WHITEWATER, WI CONNOR, CHANCELLOR AND MRS. JAMES R. SCHOLARSHIP FUND (WTW) WTW G E A CHANCELLORS OFF CHANCS OFF ( TRUST )		650.00
2.	BUSINESS SCHOLARSHIPS MATCH WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC	(133-1530)	
	300.00 CARGILL, INC MINNEAPOLIS, MN		
	300.00 PRICE WATERHOUSE MILWAUKEE, WI		
	500.00 VIRCHOW KRAUSE WHITEWATER, WI		
	200.00 RAY-O-VAC MADISON, WI		

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

## STUDENT AID

2. BUSINESS SCHOLARSHIPS MATCH  
WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC (133-1530)

300.00	VRAKAS, BLUM BROOKFIELD, WI
300.00	ERNST & YOUNG MILWAUKEE, WI
300.00	HOUGHTON, TAPLICK MADISON, WI
1,900.00	UW-WHITEWATER FOUNDATION WHITEWATER, WI
500.00	DUNCOMB SCHOLARSHIP FUND WHITEWATER, WI

4,600.00

## TOTAL WHITEWATER

32,926.65

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INSTRUCTION	10,950.00
MISCELLANEOUS	15,826.65
RESEARCH	900.00
STUDENT AID	5,250.00

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

## GIFT-IN-KIND

1. PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
ONE VIDEOCASSETTE AND NINE MISCELLANEOUS BOOKS  
CNS WAUK LIBRARY LIB ACQUIS
2. FAYE FLESIA  
WAUKESHA, WI  
TWENTY-FIVE MISCELLANEOUS BOOKS  
CNS WAUK LIBRARY LIB ACQUIS

## INSTRUCTION

1. GEORGETOWN UNIVERSITY  
WASHINGTON, DC  
PRIME CONTRACTOR WITH AID  
COOPERATIVE ASSOCIATION OF STATES FOR SCHOLARSHIPS  
(CASS)  
FOR THE PERIOD 08-01-89 THROUGH 07-31-91  
AT A TOTAL COST OF \$384,000.00  
AWARD # RX 2050-835A, MOD. 1  
CNS BARRON LRN SKILLS (144-BF14) 192,000.00
2. JUSTICE, DEPT OF  
OXFORD, WI  
COLLEGE LEVEL INSTRUCTION-FEDERAL CORRECTIONAL  
INSTITUTION, OXFORD, WI  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # J124C-0364  
CNS B-SAUK STUDENT AFFAIRS ST-SVC-OX (144-BX77) 47,000.00

## MISCELLANEOUS

1. MULTIPLE DONORS  
UW-MARATHON COUNTY CAMPUS UNRESTRICTED GRANT  
CNS MARATH STUDENT AFFAIRS DRAMA PROD (133-A575) 254.94
2. COMMUNICATION SATELLITE CORPORATION  
WASHINGTON, DC  
LAIRD FINE ARTS FUND  
CNS MARSH COMMUNICATN ARTS (133-L337) 1,000.00
3. MULTIPLE DONORS  
DRAMA DONOR FUND  
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410) 75.00
4. MANITOWOC COUNTY DEPARTMENT OF SOCIAL SERVICES  
MANITOWOC, WI  
CHILD CARE START-UP FUNDS  
CNS MANIT STUDENT AFFAIRS DAY CARE C (133-M720) 3,000.00
5. UW FOND DU LAC CENTER FOUNDATION, INC.  
FOND DU LAC, WI  
DISCRETIONARY ACCOUNT  
CNS FD LAC (133-N333) 1,813.44

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

## MISCELLANEOUS

6.	MULTIPLE DONORS CHORAL PROGRAM ENRICHMENT CNS SHEBOY STUDENT AFFAIRS PRFRMG ART (133-N625)	50.00
7.	FRIENDS & ALUMNI FOUNDATION WAUKESHA, WI SCHOLARSHIP & MATERIAL PURCHASE FOR FINE ARTS DEPARTMENT CNS WAUK STUDENT AFFAIRS LECT & F A (133-N626)	845.00
8.	UW MARATHON CENTER FOUNDATION, INC. WAUSAU, WI DEAN'S DISCRETIONARY ACCOUNT CNS MARATH INSTR MEDIA SVCS (133-N834)	4,515.00
9.	MULTIPLE DONORS DEAN'S DISCRETIONARY FUND CNS MANIT ADMINISTRATION (133-N933)	250.00
10.	FRIENDS AND ALUMNI FOUNDATION WAUKESHA, WI FACULTY/STAFF PROFESSIONAL DEVELOPMENT CNS WAUK ADMINISTRATION PRF DEV (133-Q073)	1,500.00
11.	MULTIPLE DONORS DEAN'S DISCRETIONARY ACCOUNT CNS MARIN (133-Q118)	160.00
12.	WISCONSIN ARTS BOARD MADISON, WI PERFORMING ART SERIES FOR THE PERIOD 07-01-90 THRU 06-30-91 AWARD # FY90-0545-AC2 CNS FOX VA STUDENT AFFAIRS DRAMA PROD (133-R579)	4,367.00

## STUDENT AID

1.	UNIVERSITY OF WISCONSIN SHEBOYGAN COUNTY FOUNDATION, INC. SHEBOYGAN, WI SCHOLARSHIPS FOR UWC-SHEBOYGAN COUNTY STUDENTS CNS SHEBOY STUDENT AFFAIRS FELL & SCH (133-N240)	5,450.00
2.	UNIVERSITY CENTER FOUNDATION, INC. MARSHFIELD, WI SCHOLARSHIP FUND UWC-MARSHFIELD/WOOD COUNTY CNS MARSH STUDENT AFFAIRS FELL & SCH (133-P449)	7,711.09
3.	RICHLAND COUNTY CAMPUS FOUNDATION RICHLAND CENTER, WI SCHOLARSHIPS CNS RICH STUDENT AFFAIRS FELL & SCH (133-P662)	7,450.00
4.	FOND DU LAC UNIVERSITY OF WISCONSIN CENTER FOUNDATION, INC. FOND DU LAC, WI SCHOLARSHIPS CNS FD LAC STUDENT AFFAIRS FELL & SCH (133-P722)	600.00



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

## STUDENT AID

5. BARRON COUNTY CAMPUS FOUNDATION, INC.		
RICE LAKE, WI		
FOUNDATION SCHOLARSHIPS		
CNS BARRON STUDENT AFFAIRS FELL & SCH (133-P731)		2,600.00
TOTAL CENTERS		280,641.47
		=====
INSTRUCTION	239,000.00	
MISCELLANEOUS	17,830.38	
STUDENT AID	23,811.09	

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

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
ADMINISTRATION AND FIELD SERVICES (\$166,480.00)  
COMMITTEE PROJECT (\$25,000.00)  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
AWARD # SO-21065-91  
EXT GEA SV W HUMANITIES COM (144-BX95) 191,480.00
2. MULTIPLE DONORS  
PROFESSIONAL DEVELOPMENT OF STAFF AND FURTHERING  
THE GEOLOGICAL SURVEY EFFORT  
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-E539) 150.00
3. WISCONSIN PUBLIC BROADCASTING FOUNDATION  
MADISON, WI  
FY 89 PROGRAM UNDERWRITING  
EXT TELCOM WHA TELEVISION (133-M807) 23,496.84
4. MARQUETTE COUNTY  
MONTELLO, WI  
COUNTY SUPPORT FOR AGRICULTURE AGENT AND HOME  
ECONOMIST-MARQUETTE COUNTY FOR THE PERIOD 07-01-89  
THROUGH 06-30-91  
EXT COOP E CO&AREA OFC-CTRL (133-P291) 35,292.00
5. GREEN LAKE COUNTY  
GREEN LAKE, WI  
COUNTY SUPPORT FOR 4-H AND YOUTH AGENT AND HOME  
ECONOMIST-GREEN LAKE COUNTY FOR THE PERIOD  
07-01-89 THROUGH 06-30-91  
EXT COOP E CO&AREA OFC-CTRL (133-P293) 30,148.00
6. KEWAUNEE COUNTY  
KEWAUNEE, WI  
COUNTY SUPPORT FOR 4-H YOUTH AGENT-  
KEWAUNEE COUNTY FOR THE PERIOD  
07-01-89 THRU 06-30-91  
EXT COOP E CO&AREA OFC-N E (133-P298) 11,433.00
7. ONEIDA COUNTY  
RHINELANDER, WI  
SERVICES OF A FULLTIME HOME ECONOMIST AND RESOURCE  
AGENT AND HALF-TIME 4-H YOUTH AGENT FOR THE PERIOD  
07-01-89 THRU 06-30-91  
EXT COOP E C&AREA OFC-NORTH (133-P306) 32,826.00
8. IOWA COUNTY  
DODGEVILLE, WI  
SUPPORT FOR ALL IOWA COUNTY EXTENSION AGENTS FOR  
THE PERIOD 07-01-89 THROUGH 06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-P309) 45,184.00
9. ROCK COUNTY  
JANESVILLE, WI  
SUPPORT FOR ONE OR MORE URBAN YOUTH STAFF  
ASSISTANTS FOR THE PERIOD OF 07-01-89 THROUGH  
06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-P310) 10,200.00

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

## EXTENSION AND PUBLIC SERVICE

10. DANE COUNTY  
MADISON, WI  
SUPPORT FOR COUNTY 4-H YOUTH PROGRAM FOR THE  
PERIOD 07-01-89 THROUGH 06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-P311) 6,493.00
11. VERNON COUNTY  
VIROQUA, WI  
4-H YOUTH AGENT IN VERNON COUNTY FOR THE PERIOD  
07-01-89 THROUGH 06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-P312) 27,517.44
12. SUPPORT FOR HOME ECONOMIST FOR THE PERIOD  
07-01-89 THRU 08-31-90  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-P321)  
  
5,612.00 JACKSON COUNTY  
925.00 BLACK RIVER FALLS, WI  
TREMPEALEAU COUNTY  
WHITEHALL, WI  
  
6,537.00
13. EAU CLAIRE COUNTY  
EAU CLAIRE, WI  
SERVICES OF AN AGRICULTURE AGENT, EXTENSION HOME  
ECONOMIST AND 4-H AND YOUTH DEVELOPMENT AGENT FOR  
THE PERIOD 07-01-89 THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-P323) 57,008.00
14. CRAWFORD COUNTY  
PRAIRIE DU CHIEN, WI  
SUPPORT FOR EXTENSION HOME ECONOMIST AND 4-H AGENT  
FOR THE PERIOD 07-01-89 THRU 12-31-90  
EXT COOP E C&AREA OFC-SOUTH (133-P601) 14,039.00
15. DUNN COUNTY  
MENOMONIE, WI  
COUNTY SUPPORT FOR HOME ECONOMIST AGENT FOR THE  
PERIOD 10-01-89 THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-P697) 35,492.00
16. MULTIPLE DONORS  
MILWAUKEE COUNTY PROJECTS  
EXT COOP E CO&AREA OFC-S E CO OFC-S E (133-Q022) 300.00
17. BARRON COUNTY  
BARRON, WI  
COUNTY SUPPORT FOR EXTENSION AGENTS - BARRON  
COUNTY FOR THE PERIOD 01-01-90 THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-Q180) 2,210.00
18. CHIPPEWA COUNTY  
CHIPPEWA FALLS, WI  
COUNTY SUPPORT FOR EXTENSION AGENTS - CHIPPEWA  
COUNTY FOR THE PERIOD 01-01-90 THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-Q226) 79,554.00

GIFTS, GRANTS AND CONTRACTS  
JAN 11, 1991

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

19. MONROE COUNTY  
SPARTA, WI  
COUNTY SUPPORT FOR 4-H AND YOUTH DEVELOPMENT  
AGENT FOR MONROE COUNTY FOR THE PERIOD 01-01-90  
THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-Q283) 7,236.00
  
20. ROCK COUNTY  
JANESVILLE, WI  
SUPPORT FOR HOME ECONOMIST, AGRICULTURE AGENT  
DAIRY/LIVESTOCK AGENT, 4-H YOUTH AGENT, CRD AGENT  
FOR THE PERIOD 01-01-90 THRU 06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-Q336) 99,144.00
  
21. RICHLAND COUNTY  
RICHLAND CENTER, WI  
SUPPORT FOR CNRED/AG AGENT, DAIRY/LIVESTOCK AGENT,  
4-H YOUTH AGENT, FAMILY LIVING AGENT FOR THE  
PERIOD 01-01-90 THRU 06-30-91  
EXT COOP E C&AREA OFC-SOUTH (133-Q337) 7,701.00
  
22. EDUCATIONAL COMMUNICATIONS BOARD  
MADISON, WI  
PROGRAM PRODUCTION SERVICES FOR FY 1991  
FOR THE PERIOD 07-01-90 THRU 06-30-91  
AWARD # ECA 10488  
EXT TELCOM WHA TELEVISION WHA TV PRD (133-Q931) 627,000.00
  
23. KENOSHA COUNTY  
KENOSHA, WI  
COUNTY SUPPORT FOR EXTENSION AGENTS FOR THE  
PERIOD 07-01-90 THRU 06-30-91  
EXT COOP E CO&AREA OFC-S E CO OFC-S E (133-Q982) 58,926.00
  
24. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, DC  
FISCAL YEAR 1991 RADIO COMMUNITY SERVICE GRANT  
FOR THE PERIOD 10-01-90 THRU 09-30-92  
AWARD # 7840-50021  
EXT TELCOM WHA RADIO (133-R322) 270,290.00
  
25. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, DC  
FISCAL YEAR 1991 RADIO NATIONAL PROGRAM  
PRODUCTION AND ACQUISITION GRANT FOR THE  
PERIOD 10-01-90 THRU 09-30-92  
AWARD # 7870-30101  
EXT TELCOM WHA RADIO (133-R323) 100,932.00
  
26. PORTAGE COUNTY  
STEVENS POINT, WI  
PORTAGE COUNTY SUPPORT FOR HOME ECONOMIST FOR  
THE PERIOD 09-01-90 THRU 12-31-90  
EXT COOP E CO&AREA OFC-CTRL (133-R584) 3,732.00

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

## EXTENSION AND PUBLIC SERVICE

27.	CONSTRUCTING POTENTIOMETRIC AND WATER-TABLE MAPS FOR THE UPPER BLACK EARTH CREEK WATERSHED EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-R638)		
	200.00	MULTIPLE DONORS	
	500.00	TROUT UNLIMITED - SOUTHERN WISCONSIN CHAPTER MADISON, WI	
			700.00
28.	JUNEAU COUNTY MAUSTON, WI COUNTY SUPPORT FOR 4-H AND YOUTH AGENT FOR THE PERIOD 01-01-91 THRU 06-30-91 EXT COOP E CO&AREA OFC-CTRL (133-R719)		11,713.00
29.	WAUPACA COUNTY WAUPACA, WI COUNTY SUPPORT FOR AGRICULTURE AGENT, COMMUNITY RESOURCE DEVELOPMENT AGENT, 4-H AND YOUTH AGENT AND HOME ECONOMIST FOR THE PERIOD 01-01-91 THRU 06-30-91 EXT COOP E CO&AREA OFC-CTRL (133-R720)		37,131.00
MISCELLANEOUS			
1.	MULTIPLE DONORS ALPHA SIGMA--ESP GRANT FUND (EXT) EXT COOP E BUDGET & FIN OFF ( TRUST )		45.00
STUDENT AID			
1.	MULTIPLE DONORS ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT) EXT COOP E BUDGET & FIN OFF ( TRUST )		5.00
	TOTAL EXTENSION		1,833,915.28 =====
	EXTENSION AND PUBLIC SERVICE	1,833,865.28	
	MISCELLANEOUS	45.00	
	STUDENT AID	5.00	

JANUARY 11, 1991  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 11-17-90 THROUGH 12-28-90

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY.	PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
SYSTEM ADMINISTRATION	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTERS	-0-	239,000	-0-	17,830	-0-	-0-	-0-	23,811	-0-	280,641
EAU CLAIRE	14,184	-0-	-0-	-0-	-0-	-0-	-0-	1,241,990	-0-	1,256,174
EXTENSION	1,833,865	-0-	-0-	45	-0-	-0-	-0-	5	-0-	1,833,915
GREEN BAY	-0-	-0-	-0-	-0-	-0-	-0-	5,500	647,733	-0-	653,233
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	145,699	50,151	4,698	3,835,705	17,830	25,885,112	3,505,410	-0-	-0-	33,444,605
MILWAUKEE	-0-	85,091	-0-	95,388	-0-	611,732	3,166,689	-0-	-0-	3,958,900
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
PARKSIDE	10,000	59,545	-0-	6,286	-0-	125,909	54,308	-0-	-0-	256,048
PLATTEVILLE	10,000	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	10,000
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	317,324	1,000	-0-	-0-	-0-	137,775	3,990	-0-	-0-	460,089
STOUT	13,019	120,152	-0-	12,900	-0-	56,054	-0-	-0-	-0-	202,125
SUPERIOR	-0-	-0-	-0-	-0-	-0-	42,827	-0-	-0-	-0-	42,827
WHITEWATER	-0-	10,950	-0-	15,827	-0-	900	5,250	-0-	-0-	32,927
 TOTAL JAN 1991	 2,344,091	 565,889	 4,698	 3,983,981	 17,830	 26,865,808	 8,649,186	 -0-	 -0-	 42,431,484
PREVIOUSLY REPORTED	9,021,229	13,707,343	1,176,622	10,921,810	3,352,828	118,345,635	54,448,855	54,348	54,348	211,028,668
GRAND TOTAL	11,365,319	14,273,232	1,181,319	14,905,791	3,370,658	145,211,443	63,098,041	54,348	54,348	253,460,152
 TOTAL JAN 1990	 2,361,435	 1,220,024	 170,227	 1,307,328	 100,047	 9,539,591	 1,914,045	 37,684	 37,684	 16,650,381
PREVIOUSLY REPORTED	8,167,632	11,214,712	808,876	8,885,793	580,950	113,474,405	60,198,678	157,223	157,223	203,488,268
GRAND TOTAL	10,529,067	12,434,736	979,103	10,193,121	680,997	123,013,996	62,112,723	194,907	194,907	220,138,649
 FEDERAL TOTAL JAN 1991	 366,218	 387,493	 -0-	 233,799	 -0-	 18,961,376	 8,332,792	 -0-	 -0-	 28,281,679
PREVIOUSLY REPORTED	1,950,201	12,186,202	28,355	2,320,946	943,878	80,873,130	51,797,918	-0-	-0-	150,100,630
FEDERAL GRAND TOTAL	2,316,419	12,573,695	28,355	2,554,746	943,878	99,834,506	60,130,710	-0-	-0-	178,382,309
 FEDERAL TOTAL JAN 1990	 185,079	 1,139,293	 73,246	 240,621	 100,047	 5,105,286	 1,606,588	 -0-	 -0-	 8,450,160
PREVIOUSLY REPORTED	2,824,272	9,926,054	246,415	2,057,387	563,200	72,489,498	57,754,156	-0-	-0-	145,860,981
FEDERAL GRAND TOTAL	3,009,351	11,065,347	319,661	2,298,008	663,247	77,594,784	59,360,744	-0-	-0-	154,311,142

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

## EXTENSION AND PUBLIC SERVICE

1. UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES  
GENEVA, SWITZERLAND  
UNHCR EMERGENCY MANAGEMENT TRAINING PROGRAM  
1989 FOR THE PERIOD 01-01-89 THRU 12-31-89  
AWARD # 89/AP/VAR/EM/100/00  
MSN ENGR ENGR PRFSNL DVLP (133-N822) 8,731.39
2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SUPPORT FOR VISITING WRITER  
MSN L&S ADMINISTRATION (133-R339) 1,711.98
3. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SBDC SCHOOL OF BUSINESS MATCH  
MSN BUS BUSINESS OUTRCH SM BUS DVL (133-R802) 20,000.00
4. WISCONSIN AMERICAN LEGION AUXILIARY  
MILWAUKEE, WI  
SUPPORT OF BADGER GIRLS STATE 1991 FOR THE  
PERIOD 11-01-90 THRU 08-31-91  
MSN OUTRCH GOVRMNTL AFFAIRS (133-R811) 14,348.00

## GIFT-IN-KIND

1. PROFESSOR ROBERT L. SMITH, JR.  
MADISON, WI  
1982 PONTIAC STATION WAGON  
MSN ENGR CIVIL & ENV ENGR
2. THE XEROX FOUNDATION  
STAMFORD, CT  
XEROX COPIER FOR THE BUDAPEST PROGRAM  
MSN G E A INTL STU & PROGS
3. DECISUS A XEROX COMPANY  
SAN DIEGO, CA  
DECISION SUPPORT SOFTWARE AND ADD-ON LIBRARIES  
MSN BUS
4. TOM ROENITZ  
SHEBOYGAN, WI  
VARIOUS COMPUTER ITEMS  
MSN HS-PHR PHARMACY
5. MR. LEE HEGSTRAND  
MADISON, WI  
FIFTY-ONE BOOKS ON VARIOUS TOPICS  
MSN LIBR GEN OPERATIONS LIB ACQSTN
6. KOHLER COMPANY  
KOHLER, WI  
VARIOUS PLUMBING FIXTURES  
MSN ENGR

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

7. MENDOTA FOOTBALL  
MADISON, WI  
A TARP  
MSN ATH GENERAL OPERATNS ADMIN
8. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
"BLEACHER CREATURE" BANNER  
MSN ATH GENERAL OPERATNS ADMIN
9. DUGOUT CLUB  
MADISON, WI  
BASEBALL TOSS MACHINE AND CATCH NETS  
MSN ATH GENERAL OPERATNS ADMIN
10. CATHOLIC FAMILY LIFE INSURANCE SOCIETY  
MARSHFIELD, WI  
FOOD SERVICE CART  
MSN AG&LSC MARSHFLD RES STA
11. LIGHTS, ETC.  
MADISON, WI  
JAMAR ELECTRIC  
PEWAUKEE, WI  
LIGHTING FIXTURES FOR LIGHTING DEMONSTRATION  
CENTER  
MSN FR&CS
12. KRUEGER CORP.  
FORTY-FIVE STACKING CHAIRS PLUS A DOLLY  
MSN FR&CS
13. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
DESK AND CREDENZA  
MSN HS-MED SURGERY
14. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
CAMERA  
MSN HS-MED SURGERY
15. UNIVERSITY OPHTHALMOLOGY ASSOCIATES  
MADISON, WI  
TWO MOBILE TELEPHONES  
MSN HS-MED OPHTHALMOLOGY
16. UNIVERSITY OPHTHALMOLOGY ASSOCIATES  
MADISON, WI  
CUSTOM OAK MAIL BOX CABINET  
MSN HS-MED OPHTHALMOLOGY
17. UNIVERSITY OPHTHALMOLOGY ASSOCIATES  
MADISON, WI  
THREE WOODEN BOOKCASES  
MSN HS-MED OPHTHALMOLOGY



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

18. MR. AND MRS. JOHN DILLON  
MADISON, WI  
SEVEN MISCELLANEOUS BOOKS  
MSN LIBR GEN OPERATIONS LIB ACQSTN

INSTRUCTION

1. SCOTTISH RITE CHILDREN'S MEDICAL CENTER  
ATLANTA, GA  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
2. BERLIN MEMORIAL HOSPITAL  
BERLIN, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
3. PHYSICAL THERAPY SERVICES, INC.  
GREENFIELD, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
4. FREDRICKSON, DR. ARNOLD  
MINNEAPOLIS, MN  
HOUGEN, OLAF A.--PROFESSORSHIP  
MSN ENGR CHEMICAL ENGR ( TRUST ) 500.00
5. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
CELEBRATE DIFFERENCES: ELEMENTS OF BIOLOGICAL  
VARIATION, CONTINUITY AND DEVELOPMENT: A MODEL  
FOR SCIENCE EDUCATION AT THE ELEMENTARY SCHOOL  
LEVEL - DWIGHT D. EISENHOWER MATHEMATICS AND  
SCIENCE EDUCATION ACT (TITLE II) (\$33,000)  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # AGR DTD 12/3/90  
MSN HS-MED GENET CLIN PROG (144-BZ61)
6. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
PARTNERS IN IMPROVING CHILDREN'S ACHIEVEMENTS  
MSN EDUC WIS CTR EDUC RES (133-Q605) 25,000.00
7. BRITTINGHAM FUND, INC.  
WILMINGTON, DE  
DEVELOPMENT OF CORE CURRICULUM  
MSN G E A UNIVERSITY ADMIN SUPPORT SV (133-R757) 12,000.00

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

## LIBRARIES

1.	NOLTING, JUDITH & EARL ST. PAUL, MN CALDWELL, WILLIAM L.--LIBRARY FUND MSN HS-MED HUMAN ONCOLOGY	( TRUST )	50.00
2.	ELIZABETH BURR SPRINGFIELD, IL SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-D098)	2,700.00
3.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LAW SCHOOL	(133-F070)	2,360.73
4.	MULTIPLE DONORS PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ	(133-F543)	100.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR ENGINEERING PUBLICATIONS MSN ENGR PUBLICATIONS OFF	(133-H271)	25,103.00
6.	BRITTINGHAM FUND, INC. WILMINGTON, DE SCHLESINGER LIBRARY VERTICAL FILE FOR WOMEN'S STUDIES MSN LIBR ADMINISTRATION GRANT SPT	(133-R749)	13,400.00
7.	BRITTINGHAM FUND, INC. WILMINGTON, DE HONORING THE BOOK MSN LIBR ADMINISTRATION GRANT SPT	(133-R750)	10,000.00
8.	BRITTINGHAM FUND, INC. WILMINGTON, DE IMPROVING UNDERGRADUATE ACCESS TO LEGAL MATERIALS BY NETWORKING CD-ROM DATABASES MSN LAW LIBRARY	(133-R751)	11,500.00
9.	HISTORY OF SCIENCE SOCIETY DURHAM, NC CRITICAL BIBLIOGRAPHY OF THE HISTORY OF SCIENCE AND ITS CULTURAL INFLUENCES MSN L&S HISTORY OF SCI	(133-7202)	3,816.00

## MISCELLANEOUS

1.	DAVID L JOHNSON CAMBRIDGE, WI MSN ATH GENERAL OPERATNS ADMIN		3,400.00
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GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

2.	MULTIPLE DONORS MSN ATH      GENERAL OPERATNS ADMIN		7,000.00
3.	UNION BANK MANCHESTER, JOHN D. SAN DIEGO, CA MANCHESTER, JOHN D.--LOAN FUND MSN BUS SV BURSAR	( LOANS )	41,264.11
4.	WATKINS, CHARLES E. & DOROTHY INBUSCH FOUNDATION, INC MILWAUKEE, WI WATKINS, JOHN ORTON--FELLOWSHIP MSN HS-MED ADMINISTRATION    DEANS OFFC	( TRUST )	400.00
5.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	( TRUST )	9,409.57
6.	PIPER, JAFFRAY & HOPWOOD CURLER, HOWARD MINNEAPOLIS, MN BOHN, DONALD I.--ENGINEERING FUND MSN ENGR    OPERATIONS	( TRUST )	8,770.07
7.	MARSHALL & ILSLEY TRUST COMPANY STRELOW, ARTHUR W. TRUST MADISON, WI STRELOW, IDELE C.--MUSIC DEPARTMENT MSN L&S      SCHOOL OF MUSIC	( TRUST )	31,590.00
8.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S      COMPUTER SCI	( TRUST )	
	894.00      AT&T BELL LABORATORIES HOLMDEL, NJ		
	5,000.00      CRAY RESEARCH FOUNDATION MENDOTA HEIGHTS, MN		
			5,894.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT--UNDERGRADUATE AWARDS & PRIZES FUND MSN L&S      HISTORY	( TRUST )	258.59
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CURTI, MERLE--GRADUATE LECTURER FUND MSN L&S      HISTORY	( TRUST )	1,000.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT--GRADUATE FELLOWSHIPS AND PRIZES FUND MSN L&S      HISTORY	( TRUST )	1,112.55

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

## MISCELLANEOUS

12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDSON, LOVINA FUND MSN L&S HISTORY	( TRUST )	665.48
13.	KELAB, INC MADISON, WI HILLDALE FUND MSN G E A UNIVERSITY ADMIN CHANCELLOR	( TRUST )	320,000.00
14.	FIRST WISCONSIN MADISON SCHORGER, A.W. TRUST MADISON, WI SCHORGER, A.W.--WILDLIFE ECOLOGY MSN AG&LSC N R-WILDLIF ECOL	( TRUST )	16,014.76
15.	CITIBANK, N.A. WEEKS, LEWIS G. LONG ISLAND CITY, NY WEEKS, LEWIS G. #2-GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSCS	( TRUST )	60,000.00
16.	HAGENGROBER, ROGER AND DONNA ALBUQUERQUE, NM BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	( TRUST )	100.00
17.	WILMINGTON TRUST COMPANY SNYDER, LUCILE B. WILMINGTON, DELAWARE RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S CHEMISTRY	( TRUST )	50,000.00
18.	HSIA, DR. STEPHEN POTOMAC, MD MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY	( TRUST )	100.00
19.	WHEETING, LAWRENCE C. ESTATE SECURITY PACIFIC BANK WASHINGTON SEATTLE, WASHINGTON MADISON CHANCELLOR'S PROGRAM FUND MSN G E A	( TRUST )	13,105.25
20.	MASTEN, HAROLD R. CAPITALIZE ESTATE SECURITIES PALM BEACH, FL MASTEN, MABEL G. M.D.--MEMORIAL FUND MSN HS-MED	( TRUST )	80,150.38
21.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		

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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

1)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-90 THROUGH 09-30-91 AWARD # AGR DTD 01-02-91 MSN HS-MED SURGERY	ORTHO SURG (144-BZ72)	16,141.00
2)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-90 THROUGH 09-30-91 AWARD # AGR DTD 01-02-91 MSN HS-MED SURGERY	ORTHO SURG (144-BZ73)	19,856.00
3)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 11-01-90 THROUGH 10-31-91 AWARD # AGR DTD 01-02-91 MSN HS-MED MEDICINE	ENDOCRINOL (144-BZ74)	50,553.00
22.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	1,893.76
23.	XEROX CORPORATION ROCHESTER, NY FELLOWSHIP IN CHEMICAL ENGINEERING IN THE AREA OF POLYMER SCIENCE AND RHEOLOGY MSN ENGR CHEMICAL ENGR	(133-B221)	10,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR MECHANICAL ENGR MECH ENGR	(133-B430)	25,000.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL	(133-D057)	5,000.00
26.	MULTIPLE DONORS BURN UNIT STAFF DEVELOPMENT FUND - NURSING MSN HS-HSP ADMINISTRATION ADMIN	(133-D350)	27.50
27.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	17,750.00
28.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	2,478.80
29.	CENTER FOR ADVANCED STUDIES IN BUSINESS, INC. MADISON, WI WISCONSIN PUBLIC UTILITIES INSTITUTE MSN BUS SCH OF BUSINESS	(133-F507)	1,849.15

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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

30.	MULTIPLE DONORS COLLEGE ENRICHMENT FUND MSN L&S     ADMINISTRATION	(133-F662)	75.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR HEALTH ECONOMICS AND LAW EXPENSES MSN L&S     ECONOMICS	(133-G682)	6,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S     CHEMISTRY	(133-G952)	1,750.00
33.	DEAN'S DISCRETIONARY ACCOUNT - ACCOUNTING MSN BUS     SCH OF BUSINESS	(133-J186)	
	500.00     UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00     CITGO PETROLEUM CORPORATION TULSA, OK		
			1,500.00
34.	MULTIPLE DONORS DISCRETIONARY FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR     CIVIL & ENV ENGR	(133-J718)	250.00
35.	MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-J847)	
	1,400.00     UNIVERISTY OF WISCONSIN FOUNDATION MADISON, WI		
	300.00     MULTIPLE DONORS		
			1,700.00
36.	AMERICAN ECONOMIC ASSOCIATION PRINCETON, NJ COSTS OF EDITING "AMERICAN ECONOMIC REVIEW" MSN L&S     INST-RES ON POV	(133-K129)	17,185.00
37.	FRANK SPROTT MEMPHIS, TN LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S     PHYSICS	(133-K201)	500.00
38.	NFL ALUMNI CHARITY GOLF CLASSIC MADISON, WI DISCRETIONARY FUND IN PEDIATRICS MSN HS-HSP ADMINISTRATION     ADMIN	(133-K273)	11,600.00
39.	BRUKER INSTRUMENTS, INC. BILLERICA, MA DISCRETIONARY GRANT IN THE DPEARTMENT OF CHEMISTRY MSN L&S     CHEMISTRY	(133-K362)	4,240.00

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40.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC	(133-K995)	320.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	4,000.00
42.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI EDUCATION FOR RENAL DIALYSIS NURSING STAFF MSN HS-HSP ADMINISTRATION ADMIN	(133-L369)	1,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	1,475.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTIST IN RESIDENCE PROGRAM MSN L&S SCHOOL OF MUSIC	(133-L556)	5,000.00
45.	MULTIPLE DONORS NIELSEN TENNIS DISCRETIONARY FUND MSN REC SP NIELSEN TENNIS S	(133-L644)	100.00
46.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	8,000.00
47.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	8,764.00
48.	MULTIPLE DONORS DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-M652)	232.93
49.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	6,200.00
50.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-M860)	25,522.01
51.	JOHNSON (S.C.) & SON, INC. RACINE, WI CHARACTERIZATION OF INSECTICIDAL ACTIVITY OF XENORHABDUS LUMINESCENS MSN AG&LSC BACTERIOLOGY	(133-N059)	10,000.00

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52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC MEAT& ANIMAL SCI	(133-N191)	2,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS	(133-N329)	11,000.00
54.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS	(133-N911)	640.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-P073)	1,065.50
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S ELVJM MUSEUM ART	(133-P918)	32,060.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN DISCRETIONARY FUND MSN L&S STATISTICS	(133-Q140)	2,000.00
58.	INSTITUTE FOR NATIONAL POLICY RESEARCH TAIPEI, TAIWAN, REPUBLIC OF CHINA EAST ASIAN LEGAL STUDIES CENTER PROGRAM MSN LAW LAW SCHOOL	(133-R343)	5,985.00
59.	SCHUESSLER (LEYDA W.) ESTATE OSHKOSH, WI NEUROLOGICAL SURGERY DEPARTMENT DISCRETIONARY FUND MSN HS-MED NEURO SURG NUERO SURG	(133-R454)	1,610.75
60.	MULTIPLE DONORS MARGARET RILEY FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-R562)	40.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR CRXL MSN ENGR ENGR EXPER STA X-RAY LITH	(133-R743)	3,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF THERAPEUTIC SCIENCE DISCRETIONARY FUND MSN EDUC THERAPEUTIC SCI THERAP SCI	(133-R747)	500.00



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63.	BRITTINGHAM FUND, INC. WILMINGTON, DE PILOT PROJECT FOR IMPROVED ACADEMIC ADVISING MSN G E A UNIVERSITY ADMIN SUPPORT SV (133-R756)	10,000.00
64.	WALMART MONROE, WI PATIENT NEEDS ON F6/4 - CHILDREN'S WARD MSN HS-HSP ADMINISTRATION ADMIN (133-R769)	1,000.00
65.	MULTIPLE DONORS KIDNEY DISEASE PATIENT NEEDS MSN HS-HSP ADMINISTRATION ADMIN (133-R815)	175.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR CONSOLIDATED PAPER CHAIR IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR MECH ENGR (133-R816)	40,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HEALTH MANAGEMENT PROGRAMS VISITING PROFESSORS FUND MSN HS-MED PREVENTIVE MED (133-R819)	6,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	5,000.00
69.	COLUMBIA UNIVERSITY SCHOOL OF LAW NEW YORK, NY LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL (133-2128)	2,000.00
70.	AID ASSOCIATION FOR LUTHERANS APPLETON, WI AID ASSOCIATION FOR LUTHERANS SCHOLARSHIP MSN BUS SCH OF BUSINESS A SCI&R MG (133-2865)	5,000.00
71.	MULTIPLE DONORS CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-3236)	300.00
72.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	25.00 MULTIPLE DONORS	
	14,000.00 THE JOHNSON'S WAX FUND	
	505.00 MULTIPLE DONORS	
	500.00 KARLA J. RAYNOR	
		15,030.00

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73.	JUNG (J W) SEED COMPANY RANDOLPH, WI SUPPORT AN EXCELLENCE IN TEACHING AWARD, A SCHOLARSHIP OR OTHER APPROPRIATE USE AS DETERMINED BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES IN ACCORDANCE WITH TERMS PREVIOUSLY ACCEPTED MSN AG&LSC ADMIN-DEAN & DIR (133-6103)	1,000.00
74.	HARZA ENGINEERING COMPANY CHICAGO, IL COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR OPERATIONS (133-6370)	500.00
75.	INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS, INC. MADISON, WI DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-6718)	500.00
76.	CARL J. HERZOG FOUNDATION, INC. STAMFORD, CT DISCRETIONARY GRANT IN THE FIELD OF DERMATOLOGY DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE DERMATOLGY (133-7106)	6,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH (133-7849)	1,250.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIOCHEMISTRY DEPARTMENT FUND TO BE USED AT THE DISCRETION OF THE DEPARTMENT CHAIRMAN MSN AG&LSC BIOCHEMISTRY (133-9329)	11,833.37
79.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL CLINICS MSN HS-MED FAM MED & PRACT (133-9582)	15,000.00

## PHYSICAL PLANT

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSTRUCTION OF 10 METER DIVING PLATFORM AND STRUCTURAL ALTERATIONS-SERF BUILDING MSN ATH SWIMMING	245,000.00
2.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI CENTRAL STAIRWAY, UNION SOUTH MSN UNION GENERAL (133-M315)	20,000.00

## RESEARCH

- |     |   |  |            |
|-----|---|--|------------|
| 1.  | CETUS CORPORATION<br>EMERYVILLE, CA<br>MATERIAL TRANSFER AGREEMENT<br>MSN HS-MED PHYSIOLOGY   |  |            |
| 2.  | SCHERING CORPORATION<br>KENILWORTH, NJ<br>MATERIAL TRANSFER AGREEMENT<br>MSN HS-MED MEDICINE  | INFECT DIS                               |            |
| 3.  | GENENTECH, INC.<br>SOUTH SAN FRANCISCO, CA<br>MATERIAL TRANSFER AGREEMENT<br>MSN GRAD PRIMATE RES CTR   |  |            |
| 4.  | INTERNATIONAL BUSINESS MACHINES CORPORATION<br>ROCHESTER, MN<br>AS/400 SYSTEM UTILIZATION IN UNIVERSITY<br>CURRICULUM THROUGH DEVELOPMENT OF<br>APPROPRIATE COURSEWARE<br>MSN ENV ST ENV REMOT SENS'G ENV REMOT |  |            |
| 5.  | LILLY (ELI) AND COMPANY<br>INDIANAPOLIS, IN<br>MATERIAL TRANSFER AGREEMENT<br>MSN HS-PHR PHARMACY   |  |            |
| 6.  | EARNINGS ON MISCELLANEOUS INVESTMENTS<br>MORRELL, SUSAN M.--MEDICAL RESEARCH<br>MSN HS-MED ADMINISTRATION   | DEANS OFFC ( TRUST )                     | 49.24      |
| 7.  | EARNINGS ON MISCELLANEOUS INVESTMENTS<br>PHANEUF, DUANE--MEDICAL RESEARCH<br>MSN HS-MED   | ( TRUST )                                | 112.60     |
| 8.  | MULTIPLE DONORS<br>MADISON, WI<br>MCARDLE LABORATORY FOR CANCER RESEARCH--<br>DISCRETIONARY FUND<br>MSN HS-MED ONCOLOGY   | ( TRUST )                                | 255.00     |
| 9.  | SANDOZ PHARMACEUTICALS CORP<br>EAST HANOVER, NJ<br>CLACK, ALICE M.<br>MADISON, WI<br>COLLINS, HORACE--LEUKEMIA RESEARCH<br>MSN HS-MED MEDICINE  | 250.00<br>100.00<br>HEMATOLOGY ( TRUST ) | 350.00     |
| 10. | FIRST WISCONSIN TRUST COMPANY<br>BOWMAN<br>MILWAUKEE, WI<br>BOWMAN, JONATHAN--CANCER RESEARCH<br>MSN HS-MED ONCOLOGY  | ( TRUST )                                | 103,522.58 |
| 11. | NORWEST BANK MINNESOTA<br>LYNUM, EDITH H. TRUST<br>MINNEAPOLIS, MN<br>LYNUM, EDITH H.--MEDICAL RESEARCH FUND<br>MSN HS-MED  | ( TRUST )                                | 4,232.76   |

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12.	NEUROLOGY DEPARTMENT--RESEARCH FUND MSN HS-MED NEUROLOGY	( TRUST )	
	5,000.00 FIRST NATIONAL BANK OF KENOSHA KENOSHA FOUNDATION KENOSHA, WI		
	1,610.76 FIRST WISCONSIN-OSHKOSH SCHUESSLER, LEYDA E. ESTATE OSHKOSH, WI		
			6,610.76
13.	NORTHERN TRUST COMPANY HANSON CHARITABLE TRUST CHICAGO, IL DEPARTMENT OF PSYCHIATRY-RESEARCH FUND MSN HS-MED PSYCHIATRY	( TRUST )	20,000.00
14.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK RESEARCH FUND IN CONSERVATION MSN AG&LSC NAT RSRCS- ADMIN	( TRUST )	458.30
15.	UW MEDICAL ALUMNI ASSOCIATION INC MADISON, WI MEDICAL ALUMNI PROFESSOR OF PHYSIOLOGICAL CHEMISTRY--R.H. FILLINGAME MSN HS-MED PHYSIOLOG CHEM	( TRUST )	10,000.00
16.	HANAWALT, EUNICE WAUPACA, WI MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	500.00
17.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED CANCER CTR	( TRUST )	486.50
18.	MARSHALL & ILSLEY TRUST CO KREMERS, LAURA AND EDWARD MADISON, WI KREMERS, LAURA AND EDWARD FUND. 1/2 OF THE ANNUAL INCOME TO BE ADDED TO PRINCIPAL UNTIL 10-21-10. THE REMAINING 1/2 TO BE USED FOR THE PURPOSE OF PHYTOCHEMICAL RESEARCH IN THE SCHOOL OF PHARMACY. MSN HS-PHR PHARMACY	( TRUST )	59,968.04
19.	AGRIC. FOREST SERVICE MADISON, WI DEVELOPMENT OF THEORETICAL AND PRACTICAL BASES FOR THE PERIOD 03-01-89 THROUGH 09-30-91 AT A TOTAL COST OF \$13,220.00 AWARD # COOP AGR #23-89-02, MOD. 1 MSN AG&LSC HORTICULTURE	( 144-AW61 )	2,500.00

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20. AGRIC, FOREST SERVICE  
ST. PAUL, MN  
RELATIONSHIP BETWEEN ECONOMIC RETURNS AND  
BIOLOGICAL DIVERSITY IN MANAGED FORESTS  
FOR THE PERIOD 01-07-91 THROUGH 09-30-91  
AWARD # 23-91-04  
MSN AG&LSC N RSRCS-FORESTRY (144-BZ66) 7,500.00
21. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
WASHINGTON, DC  
COOPERATIVE INSTITUTE FOR METEOROLOGICAL  
SATELLITE STUDIES (CIMSS)  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
AWARD # NA17DR0005-01  
MSN GRAD SPACE SCI&ENG CT (144-BZ45) 237,306.00
22. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) OERI CENTER ON MATHEMATICS TEACHING AND LEARNING  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
AWARD # R117G10002  
MSN EDUC WIS CTR EDUC RES (144-BY57) 700,000.00
  - 2) COORDINATION OF EDUCATION FOR THE WORKFORCE AND  
OCCUPATIONAL LITERACY  
FOR THE PERIOD 12-31-90 THROUGH 12-30-91  
AWARD # CONTRACT VN91001001  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BZ69) 391,642.00
23. UNIVERSITY OF ILLINOIS  
CHAMPAIGN, IL  
PRIME CONTRACTOR WITH DED  
STAFF ASSISTANCE ON PROJECTS FUNDED BY THE  
NATIONAL CENTER FOR RESEARCH IN VOCATIONAL  
EDUCATION  
FOR THE PERIOD 09-01-90 THROUGH 12-31-90  
AWARD # SUBCONTRACT NO. 90-197  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BZ91) 14,096.00
24. STATE OF IOWA  
DES MOINES, IA  
PRIME CONTRACTOR WITH DED  
USING HYPERMEDIA TO TRAIN SCHOOL PSYCHOLOGISTS  
AS CONSULTANTS  
FOR THE PERIOD 11-26-90 THROUGH 08-31-91  
AWARD # AGREEMENT #91380  
MSN EDUC WIS CTR EDUC RES (144-BZ86) 6,229.00
25. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
TASK FORCE TECHNICAL ASSISTANCE  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AT A TOTAL COST OF \$48,955.00  
AWARD # 20-108-150-291, MOD. 2  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BW49) 3,771.00

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26. DARTMOUTH COLLEGE  
HANOVER, NH  
PRIME CONTRACTOR WITH DHHS PHS CHSR  
ASSESSING THERAPIES FOR BPH AND LOCALIZED  
PROSTATE CANCER  
FOR THE PERIOD 09-07-89 THROUGH 08-31-91  
AT A TOTAL COST OF \$38,952.00  
AWARD # SUBCONTRACT 5-31397, MOD. 1  
MSN HS-MED SURGERY                      UROLOGY                      (144-BU88)                      21,038.00
  
27. DHHS, PHS, FOOD AND DRUG ADMIN  
DALLAS, TX  
PURE BOTULINUM NEUROTOXIN - TOXOID  
FOR THE PERIOD 08-13-90 THROUGH 01-17-91  
AT A TOTAL COST OF \$4,752.00  
AWARD # PO #02600487, MOD. 1  
MSN AG&LSC FOOD MICRO&TOXIC                      (144-BU27)                      1,584.00
  
28. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE  
AND/OR GENERAL PEDIATRICS  
FOR THE PERIOD 07-01-91 THROUGH 06-30-92  
AWARD # 5 D28 PE15324-02  
MSN HS-MED PEDIATRICS                      (144-BZ83)                      178,200.00
  
29. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) PERIPHERAL AND CENTRAL VENTILATORY CONTROL  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$326,444.00  
AWARD # 5 R37 HL15473-17, MOD. 2  
MSN AG&LSC VETERINARY SCI                      (144-AR81)                      110,555.00
  
  - 2) IN VITRO STUDIES OF THE COCHLEAR NUCLEUS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$284,841.00  
AWARD # 5 RO1 DCO0176-10, MOD. 2  
MSN HS-MED NEUROPHYSIOLOGY                      (144-AS34)                      97,351.00
  
  - 3) T LYMPHOCYTE HYBRIDS AND LYMPHOBLASTOID  
VARIANTS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$909,738.00  
AWARD # 5 RO1 AI15486-13, MOD. 3  
MSN HS-MED GENETICS                      (144-AS58)                      316,053.00
  
  - 4) PHENOMENOLOGY OF ACTH MICROPULSES  
FOR THE PERIOD 03-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$259,849.00  
AWARD # 5 R29 DK40759-03, MOD. 2  
MSN HS-MED MEDICINE                      GEN INT MD                      (144-AS64)                      99,412.00

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- 5) THE GENETIC CONTROL OF PROTEIN SYNTHESIS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$721,449.00  
AWARD # 5 R37 GM08995-30, MOD. 2  
MSN HS-MED PHYSIOLOG CHEM (144-AS78) 268,201.00
- 6) DETERMINATION OF ENZYME MECHANISMS BY KINETIC  
STUDIES  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$626,426.00  
AWARD # 5 R37 GM18938-20, MOD. 2  
MSN GRAD ENZYME INSTITUTE (144-AS89) 215,026.00
- 7) TRACER KINETICS EVALUATING POSITRON TOMOGRAPHY  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$532,702.00  
AWARD # 5 R01 HL41914-03, MOD. 2  
MSN HS-MED MEDICINE CARDIOLOGY (144-AT04) 167,299.00
- 8) THE HEALTH AND WELL-BEING OF FAMILIES IN  
TRANSITION  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$725,965.00  
AWARD # 5 R01 HD21009-06, MOD. 2  
MSN L&S SOCIOLOGY (144-AT17) 248,154.00
- 9) MOLECULAR BASIS OF TRANSLATIONAL FIDELITY  
IN EUKARYOTES  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$474,451.00  
AWARD # 5 R01 GM26217-12, MOD. 2  
MSN GRAD MOLECULAR BIOL (144-AT19) 164,513.00
- 10) GENETIC ANALYSIS OF BACILLUS SUBTILIS  
AMYLASE SYNTHESIS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$414,730.00  
AWARD # 5 R01 GM34324-07, MOD. 2  
MSN AG&LSC BACTERIOLOGY (144-AT53) 143,447.00
- 11) REGULATION OF EOSINOPHILOPOIESIS IN  
PARASITIC INFECTION  
FOR THE PERIOD 02-01-89 THROUGH 01-31-92  
AT A TOTAL COST OF \$259,699.00  
AWARD # 5 R29 AI24432-04, MOD. 3  
MSN VET M PATHOBIOLOG SCI (144-AU02) 113,568.00
- 12) BOTULINUM NEUROTOXIN: MECHANISM OF TOXICITY  
FOR THE PERIOD 07-01-89 THROUGH 03-31-91  
AT A TOTAL COST OF \$206,018.00  
AWARD # 5 R01 NS24545-03S1, MOD. 1  
MSN AG&LSC FOOD MICRO&TOXIC (144-AZ53) 49,473.00
- 13) MOLECULAR MECHANISMS OF TUMOR NECROSIS FACTOR  
FOR THE PERIOD 07-16-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$212,886.00  
AWARD # 5 R01 CA47722-04, MOD. 3  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-BD22) 83,795.00

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- 14) RECONSTITUTION OF CALCIUM CHANNELS  
IN PLANAR BILAYERS  
FOR THE PERIOD 08-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$210,506.00  
AWARD # 5 R01 GM36852-07, MOD. 3  
MSN HS-MED PHYSIOLOGY (144-BF91) 118,094.00
- 15) COGNITIVE EFFECTS OF NEONATAL LEAD EXPOSURE  
IN MONKEYS  
FOR THE PERIOD 12-01-89 THROUGH 11-30-91  
AT A TOTAL COST OF \$213,949.00  
AWARD # 5 R01 ESO1062-15, MOD. 1  
MSN L&S PSYCHOLOGY PRIMATE LB (144-BJ69) 108,813.00
- 16) PROLIFERATION IN HUMAN TUMORS DURING RADIOTHERAPY  
FOR THE PERIOD 01-01-90 THROUGH 02-28-91  
AT A TOTAL COST OF \$134,836.00  
AWARD # 5 R01 CA50937-02, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-BJ85) 19,871.00
- 17) ADRENERGIC REGULATION OF CARDIAC MUSCLE  
CONTRACTION  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$247,627.00  
AWARD # 5 R01 HL44114-02, MOD. 1  
MSN HS-MED PHYSIOLOGY (144-BJ95) 113,737.00
- 18) CONFORMATIONAL AMPHIPHILES  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$134,999.00  
AWARD # 5 R29 GM41825-02, MOD. 1  
MSN L&S CHEMISTRY (144-BK24) 72,766.00
- 19) FERTILITY AGREEMENT & CONFLICT RESOLUTION  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AT A TOTAL COST OF \$187,360.00  
AWARD # 5 R01 HD20491-05, MOD. 1  
MSN L&S SOCIOLOGY (144-BK55) 88,054.00
- 20) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: OPHTHALMOLOGY  
FOR THE PERIOD 11-01-90 THROUGH 10-31-91  
AT A TOTAL COST OF \$32,500.00  
AWARD # 5 F32 EYO6254-02, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-BY13) 750.00
- 21) METABOLISM OF POLYCYCLIC HYDROCARBONS  
AND CARCINOGENESIS  
FOR THE PERIOD 12-18-90 THROUGH 11-30-91  
AWARD # 2 R01 CA16265-16A1  
MSN HS-MED PHARMACOLOGY (144-BY87) 161,288.00
- 22) LEAD EFFECTS ON THE AUDITORY SYSTEM IN MONKEYS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 1 R01 ESO4860-01A3  
MSN L&S PSYCHOLOGY (144-BZ19) 168,682.00



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- 23) INFLAMMATION IN RESISTANCE TO BACTERIAL INFECTION  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 2 RO1 AI21343-07A1  
MSN VET M PATHOBIOLOG SCI (144-BZ32) 130,210.00
- 24) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: GENETICS  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 5 F32 GM12728-03  
MSN HS-MED ONCOLOGY (144-BZ41) 22,425.00
- 25) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: MOLECULAR BIOLOGY  
FOR THE PERIOD 02-01-91 THROUGH 01-31-92  
AWARD # 1 F32 GM14221-01  
MSN AG&LSC BACTERIOLOGY (144-BZ52) 28,600.00
- 26) REGULATION OF HEART RATE VARIABILITY IN  
HYPOXIC FETUSES  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 1 R29 HL44447-01A1  
MSN HS-MED OBSTET & GYNECOL (144-BZ53) 90,131.00
- 27) EFFECTS OF THE SENSORY NERVE SYSTEM ON BLADDER  
FUNCTION  
FOR THE PERIOD 01-15-91 THROUGH 12-31-91  
AWARD # 1 RO1 DK41755-01A1  
MSN HS-MED SURGERY UROLOGY (144-BZ59) 151,503.00
- 28) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: PHYSIOLOGY  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 5 F32 HL07786-03  
MSN HS-MED PHYSIOLOGY (144-BZ77) 29,900.00
- 29) THE MECHANISM OF ACTION OF THYROTROPIN-RELEASING  
HORMONE  
FOR THE PERIOD 02-01-91 THROUGH 01-31-92  
AWARD # 2 RO1 DK25861-12  
MSN L&S ZOOLOGY (144-BZ79) 191,973.00
30. UNIVERSITY OF IOWA  
IOWA CITY, IA  
PRIME CONTRACTOR WITH DHHS PHS NIH  
STUDIES OF PHONOSURGERY TO TREAT DISORDERED VOICE  
PRODUCTION  
FOR THE PERIOD 09-30-90 THROUGH 08-31-91  
AWARD # P.O. #P33598  
MSN GRAD WAISMAN CENTER (144-BX12) 155,970.00
31. UNIVERSITY OF WASHINGTON  
SEATTLE, WA  
PRIME CONTRACTOR WITH DHHS PHS NIH  
SIMULATION RESOURCE IN MASS TRANSPORT AND  
EXCHANGE  
FOR THE PERIOD 12-01-89 THROUGH 11-30-90  
AWARD # CONTRACT #851831  
MSN ENGR CHEMICAL ENGR (144-BY55) 14,000.00

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32. DOD, AIR FORCE  
BOLLING AFB, DC  
MULTIVARIATE MODEL BUILDING AND MODEL  
IDENTIFICATION  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # AFOSR-90-0103  
MSN L&S STATISTICS (144-BZ49) 33,904.00
33. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
IN SUPPORT OF THE FOLLOWING:
- 1) THE DYNAMICS OF MOLECULAR DECOMPOSITION  
FOR THE PERIOD 08-01-88 THROUGH 07-31-91  
AT A TOTAL COST OF \$320,000.00  
AWARD # DAALO3-88-K-0189, MOD. 3  
MSN L&S CHEMISTRY (144-AM17) 70,000.00
- 2) SOLIDIFICATION STRUCTURE SYNTHESIS IN  
UNDERCOOLED LIQUIDS  
FOR THE PERIOD 02-15-90 THROUGH 02-14-92  
AT A TOTAL COST OF \$200,000.00  
AWARD # DAALO3-90-G-0042, MOD. 1  
MSN ENGR MAT SCI & ENGR (144-BL40) 100,000.00
- 3) FORMATION OF TRANSITION ELEMENT NITRIDE COATINGS  
ON STEELS USING ELEVATED-TEMPERATURE PLASMA SOURCE  
ION BEAM ENHANCED DEPOSITION  
FOR THE PERIOD 06-15-90 THROUGH 12-14-91  
AT A TOTAL COST OF \$132,150.00  
AWARD # DAALO3-90-G-0124, MOD. 1  
MSN ENGR NUC ENGR&E PHYSIC (144-BR89) 92,150.00
- 4) CENTER FOR ADVANCED PROPULSION SYSTEMS-  
OPERATING PORTION  
FOR THE PERIOD 10-01-86 THROUGH 11-30-91  
AT A TOTAL COST OF \$6,712,764.00  
AWARD # DAALO3-86-K-0174, MOD. 9  
MSN ENGR ENGR EXPER STA I COMBUSTN (144-Y670) 1,501,000.00
34. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS TECHNIQUES FOR PARALLEL AND  
DISTRIBUTED PROGRAMS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$227,297.00  
AWARD # NOO014-89-J-1222, MOD. 2  
MSN L&S COMPUTER SCI (144-AS35) 81,863.00
- 2) SOURCE LOCATION IN WAVEGUIDES  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$95,615.00  
AWARD # NOO014-89-J-1515, MOD. 2  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AT83) 38,054.00

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35. ENERGY, DEPT OF  
ARGONNE, IL  
RADIOGENIC NEOPLASIA IN THYROID AND MAMMARY  
CLONOGENS  
FOR THE PERIOD 01-01-91 THROUGH 03-31-91  
AWARD # DE-FG02-87ER60507, MOD. 8  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-BZ40) 66,500.00
36. LAWRENCE BERKELEY LABORATORY  
BERKELEY, CA  
PRIME CONTRACTOR WITH DOE  
SDC MUON MAGNET AND MUON CHAMBER SYSTEM  
PRELIMINARY DESIGN  
FOR THE PERIOD 10-15-90 THROUGH 12-31-90  
AWARD # P.O. #4569510  
MSN L&S PHYSICS (144-BZ36) 40,000.00
37. INTERIOR, DEPT OF  
OMAHA, NE  
GREAT LAKES COOPERATIVE PARK STUDIES UNIT  
OPERATIONS  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # CA 6000-1-8001  
MSN ENV ST CPSU (144-BZ78) 43,415.00
38. CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 01-01-84 THROUGH 02-28-91  
AT A TOTAL COST OF \$555,000.00  
AWARD # 65B-580912, MOD. 34  
MSN L&S SPACE ASTRON LAB (144-U151) 15,000.00
39. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
DEFINITION PHASE OF THE EARTH OBSERVING SYSTEM  
FOR THE PERIOD 03-19-90 THROUGH 06-01-91  
AT A TOTAL COST OF \$150,000.00  
AWARD # NAS5-30754, MOD. 3  
MSN GRAD SPACE SCI&ENG CT (144-BM91) 95,000.00
40. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) CONTINUED INVESTIGATION OF LOW INTENSITY EMISSION  
LINES FROM THE INTERSTELLAR MEDIUM  
FOR THE PERIOD 11-15-88 THROUGH 10-31-91  
AT A TOTAL COST OF \$300,000.00  
AWARD # AST-8813467, MOD. 3  
MSN L&S PHYSICS (144-AR99) 95,000.00
  - 2) DIGITAL SIGNAL PROCESSING SONAR RECEIVER (RXDSP)  
FOR THE PERIOD 01-01-89 THROUGH 12-31-91  
AT A TOTAL COST OF \$257,120.00  
AWARD # OCE-8817171, MOD. 2  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AT28) 41,000.00

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| 3)  | SCIENTIFIC DEVICES: DEVELOPMENT AND APPLICATION OF MATHEMATICAL METHODS FOR THE SCIENCES<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-92<br>AT A TOTAL COST OF \$369,142.00<br>AWARD # DMS-8903083, MOD. 3<br>MSN L&S      CTR MATH SCI | (144-BA10) | 132,000.00 |
| 4)  | PRESIDENTIAL YOUNG INVESTIGATOR AWARD:<br>STELLAR DYNAMICS AND STAR FORMATION<br>FOR THE PERIOD 01-01-90 THROUGH 12-31-91<br>AT A TOTAL COST OF \$50,000.00<br>AWARD # AST-8957526, MOD. 1<br>MSN L&S      ASTRONOMY                | (144-BH66) | 25,000.00  |
| 5)  | INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT<br>FOR THE PERIOD 08-31-90 THROUGH 08-30-91<br>AWARD # BSR-9023210-A1<br>MSN L&S      ZOOLOGY  | (144-BX27) | 55,624.00  |
| 6)  | RESEARCH IN EXPERIMENTAL NUCLEAR PHYSICS<br>FOR THE PERIOD 01-01-91 THROUGH 12-31-91<br>AWARD # PHY-9019983<br>MSN L&S      PHYSICS   | (144-BY38) | 700,000.00 |
| 7)  | GENETIC TRANSPOSITION<br>FOR THE PERIOD 02-01-91 THROUGH 01-31-92<br>AWARD # DMB-9020517<br>MSN AG&LSC BIOCHEMISTRY   | (144-BY84) | 100,000.00 |
| 8)  | INTERACTION OF NUTRIENT STATUS AND FOOD WEB<br>STRUCTURE IN THE REGULATION OF LAKE ECOSYSTEMS<br>FOR THE PERIOD 01-01-91 THROUGH 12-31-91<br>AWARD # BSR-9007196<br>MSN L&S      LIMNOLOGY CTR                                      | (144-BZ06) | 370,000.00 |
| 9)  | LOCI REGULATED BY THE HOEMOTIC GENE ANTENNAPEDIA<br>FOR THE PERIOD 02-15-91 THROUGH 01-31-92<br>AWARD # DCB-9018503<br>MSN HS-MED GENETICS  | (144-BZ37) | 90,000.00  |
| 10) | CONCEPTS OF NATURE IN CLASSICAL POLITICAL ECONOMY<br>FOR THE PERIOD 04-01-91 THROUGH 03-31-92<br>AWARD # DIR-9012072<br>MSN L&S      HISTORY OF SCI   | (144-BZ62) | 40,000.00  |
| 11) | AMERICAN ARCTIC LICHENS II. THE MICROLICHENS<br>FOR THE PERIOD 01-01-91 THROUGH 06-30-92<br>AWARD # BSR-8918537<br>MSN L&S      BOTANY  | (144-BZ63) | 14,000.00  |
| 12) | INTERMOLECULAR BONDING AND MICROPHASE SEPARATION<br>IN MULTIBLOCK COPOLYMERS<br>FOR THE PERIOD 01-01-91 THROUGH 12-31-91<br>AWARD # DMR-9016959<br>MSN ENGR      CHEMICAL ENGR  | (144-BZ64) | 89,500.00  |

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| 13) | EQUIPMENT GRANT: PURCHASE OF A MELT RHEOMETER<br>FOR THE PERIOD 01-15-91 THROUGH 12-31-91<br>AWARD # DMR-9015335<br>MSN ENGR      CHEMICAL ENGR   | (144-BZ65)      40,000.00  |
| 14) | EQUIPMENT GRANT: PURCHASE OF AN ELECTRON SPIN<br>RESONANCE (ESR) ELECTRON NUCLEAR DOUBLE RESONANCE<br>(ENDOR) SPECTROMETER<br>FOR THE PERIOD 01-15-91 THROUGH 12-31-91<br>AWARD # CHE-9013030<br>MSN L&S      CHEMISTRY       | (144-BZ84)      204,400.00 |
| 15) | CRYSTAL GROWTH BY A MODIFIED CZOCHRALSKI PROCESS<br>FOR THE PERIOD 01-15-91 THROUGH 12-31-91<br>AWARD # DMR-9003328<br>MSN ENGR      MAT SCI & ENGR   | (144-BZ85)      60,400.00  |
| 16) | TROPICAL GLACIERS AND CLIMATE<br>FOR THE PERIOD 02-01-91 THROUGH 01-31-93<br>AWARD # EAR-9016657<br>MSN L&S      METEOROLOGY  | (144-BZ89)      106,924.00 |
| 41. | WI DEPT OF TRANSPORTATION<br>MADISON, WI<br>PRIME CONTRACTOR WITH TRANS<br>YOUTH IMPAIRED DRIVING ASSESSMENT<br>FOR THE PERIOD 01-02-91 THROUGH 06-30-91<br>AWARD # PD# TRA07257<br>MSN HS-ADM ADMINISTRATION      HLTH POLCY | (144-BZ75)      27,000.00  |
| 42. | VETERANS ADMIN<br>MADISON, WI<br>SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING<br>FOR THE PERIOD 04-01-87 THROUGH 12-31-90<br>AT A TOTAL COST OF \$90,292.01<br>AWARD # 607D75355, MOD. 16<br>MSN HS-MED RADIOLOGY      DIAGNOSTIC   | (144-Z288)      9,150.00   |
| 43. | WISCONSIN ALUMNI RESEARCH FOUNDATION<br>MADISON, WI<br>FACULTY START-UP<br>FOR THE PERIOD 08-01-87 THRU 06-30-90<br>MSN GRAD      AGR & LIFE SCI      AGRONOMY  | (135-0004)      18,101.89  |
| 44. | WISCONSIN ALUMNI RESEARCH FOUNDATION<br>MADISON, WI<br>FACULTY START-UP<br>FOR THE PERIOD 10-15-87 THRU 06-30-90<br>MSN GRAD      AGR & LIFE SCI      BIOCHEM   | (135-0005)      21,444.34  |
| 45. | WISCONSIN ALUMNI RESEARCH FOUNDATION<br>MADISON, WI<br>FACULTY START-UP<br>FOR THE PERIOD 07-01-88 THRU 06-30-90<br>MSN GRAD      AGR & LIFE SCI      BACT  | (135-0009)      956.21     |

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46.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN GRAD FAM RESRCS & C S FAM RESRCS (135-0010)	31,097.61
47.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN GRAD SCH OF PHARMACY SCH OF PHA (135-0015)	40.29
48.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY RETENTION AND PROGRAM DEVELOPMENT TRUST FUND FOR THE BIOCHEMISTRY DEPARTMENT MSN GRAD AGR & LIFE SCI BIOCHEM (135-0053)	80,000.00
49.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR FOR THE PERIOD 02-10-84 THRU 05-31-90 MSN GRAD L&S POL SCI (135-0073)	45,709.06
50.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR FOR THE PERIOD 02-10-84 THRU 05-31-90 MSN GRAD L&S HISTORY (135-0076)	43,651.90
51.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	
	3,000.00 HARRY J. RIDINGS BAILEYS HARBOR, WI	
	500.00 MR & MRS CURTIS SHEEHAN SUN PRAIRIE, WI	
		3,500.00
52.	UNITED WAY OF SOUTH WOOD COUNTY WISCONSIN RAPIDS, WI CANCER RESEARCH MSN HS-MED (133-A251)	500.00
53.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED (133-A253)	200.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY (133-A533)	14,000.00

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55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADOLF AND ELLA FRANKENTHAL MEMORIAL FUND MSN AG&LSC MEAT& ANIMAL SCI	(133-A839)	4,000.00
56.	MULTIPLE DONORS CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	(133-A934)	20.00
57.	MULTIPLE DONORS HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE CARDIOLOGY	(133-B379)	50.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY FUND RESEARCH MSN L&S CHEMISTRY	(133-C317)	13,500.00
59.	ATOCHEM NORTH AMERICA, INC. PHILADELPHIA, PA CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	600.00
60.	PFIZER GROTON, CT SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	6,250.00
61.	EDWARD M. AND ANN M. RUHRUP HUDSON, IL TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	(133-E289)	1,030.00
62.	MULTIPLE DONORS ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-E923)	260.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEOPHYSICAL RESEARCH MSN L&S GEOL & GEOPHYSICS GEO&POL R	(133-E976)	5,099.62
64.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	1,650.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE CARDIOLOGY	(133-G105)	37,500.00
66.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	1,379.01

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67.	SCHERING-PLOUGH RESEARCH UNION, NJ PHARMACY DISCRETIONARY FUND MSN HS-PHR PHARMACY	(133-G699)	10,000.00
68.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	5,395.16
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADVANCED AUTOMATION AND ROBOTICS RESEARCH CONSORTIUM MSN ENGR MECHANICAL ENGR MECH ENGR	(133-H213)	20,000.00
70.	WYETH LABORATORIES, INC. PHILADELPHIA, PA PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	1,000.00
71.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	1,433.00
72.	INFECTION CONTROL EDUCATION FUND MSN HS-MED MEDICINE	INFECT DIS (133-H965)	
	100.00 MULTIPLE DONORS 1,000.00 MERCK & CO., INC. RAHWAY, NJ		
			1,100.00
73.	MICHAEL J. SMITH MADISON, WI ERGONOMICS RESEARCH LABORATORY MSN ENGR INDUSTRIAL ENGR	(133-J403)	6,000.00
74.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J601)	521.26
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID E. GREEN MEMORIAL LECTURES MSN GRAD ENZYME INSTITUTE	(133-J977)	1,000.00
76.	WILLIAM P. MORGAN MADISON, WI SPORT PSYCHOLOGY PROJECT MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-K008)	500.00



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77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ART HISTORY RESEARCH FUND-EVJUE MSN L&S ART HISTORY	(133-K711)	1,000.00
78.	MULTIPLE DONORS CANINE ORTHOPEDIC RESEARCH MSN VET M SURGICAL SCI	(133-K816)	150.00
79.	WILLIAM TISHLER MADISON, WI STUDY OF SWISS VALLEY AREA OF SAUK COUNTY MSN AG&LSC NR-LANDSCAP ARCH	(133-L172)	1,000.00
80.	MATHILDE U. & ALBERT ELSE FOUNDATION, INC. MILWAUKEE, WI ASPECTS OF EXPERIMENTAL MYELINATION OF THE SPINAL CORD AND ITS RELATIONSHIP TO MULTIPLE SCLEROSIS MSN VET M MEDICAL SCIENCES	(133-L333)	12,500.00
81.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-L496)	350.00
82.	MULTIPLE DONORS LARGE ANIMAL SURGERY MSN VET M SURGICAL SCI	(133-M234)	350.00
83.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI WORLDWIDE INFORMATION AND TECHNOLOGY EXCHANGE PROGRAM FOR THE PERIOD 07-01-87 THRU 06-30-91 AWARD # 2751/075 MSN AG&LSC DAIRY RESEARCH, C DAIRY RESH	(133-M259)	234,700.00
84.	HOECHST-ROUSSEL PHARMACEUTICALS INC. SOMERVILLE, NJ ENDOCRINE PATIENT CARE, TEACHING, AND RESEARCH FUND AWARD # HOE 766 MSN HS-MED PEDIATRICS	(133-M301)	1,000.00
85.	THERMAL CERAMICS AUGUSTA, GA CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR	(133-M322)	10,000.00
86.	GREDE FOUNDRIES, INC. MILWAUKEE, WI DUCTILE IRON SOLIDIFICATION RESEARCH MSN ENGR MAT SCI & ENGR	(133-M344)	7,500.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OPHTHALMOLOGY RESEARCH & DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-M383)	67,916.90

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88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH START-UP FUND MSN HS-MED ANESTHESIOLOGY	(133-M402)	20,139.00
89.	NFL ALUMNI CHARITY GOLF CLASSIC MADISON, WI PEDIATRIC HEMATOLOGY/ONCOLOGY RESEARCH FUND MSN HS-MED PEDIATRICS	(133-M477)	14,000.00
90.	LUCE (HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIAN STUDIES FOR THE PERIOD 01-01-88 THRU 12-31-91 AT A \$572,000 LEVEL MSN L&S STUDIES PROGRAMS S.E. ASIAN	(133-M554)	99,500.00
91.	DUPONT CRITICAL CARE WAUKEGAN, IL CLINICAL TRIAL OF ORGAN PRESERVATION SOLUTION "CLIN" MSN HS-MED SURGERY	GEN SURG (133-M572)	9,424.16
92.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI PULMONARY IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE	PULMON MED (133-M607)	1,500.73
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PYI MATCHING FUNDS MSN ENGR MAT SCI & ENGR	(133-M715)	20,000.00
94.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL VASCULAR MICROCORROSION CASTING "CLIN" MSN AG&LSC VETERINARY SCI	(133-M738)	1,200.00
95.	MULTIPLE DONORS FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY	(133-M749)	66.50
96.	MULTIPLE DONORS PANCREAS RESEARCH FUND MSN HS-MED SURGERY	GEN SURG (133-M817)	250.00
97.	MULTIPLE DONORS SKIN DISEASES IN DOMESTIC ANIMALS MSN VET M MEDICAL SCIENCES	(133-M864)	400.00
98.	ARCHIBALD O. HALLER MADISON, WI RESEARCH ON BRAZIL MSN AG&LSC RURAL SOCIOLOGY	(133-M882)	500.00

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99.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI QUANTITATIVE SENSORY LAB OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-N015)	1,105.99
100.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI NEURODYSPHAGIA CLINIC OPERATIONS MSN HS-MED NEUROLOGY	(133-N024)	5,302.85
101.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED ANGIOGRAPHIC STUDY TO EVALUATE THE EFFECT OF MENINOLIN (LOVASTATIN) ON THE PROGRESSION RATE OF ARTHEROSCLEROSIS IN CORONARY ARTERIES OF PATIENTS WITH CORONARY HEART DISEASE "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	CARDIOLOGY (133-N084)	100,000.00
102.	MULTIPLE DONORS LARGE ANIMAL AND SMALL ANIMAL SKIN DISEASES MSN VET M MEDICAL SCIENCES	(133-N155)	160.00
103.	CONVERSION OF MADNMR MSN AG&LSC BIOCHEMISTRY	(133-N208)	
	510.00 UNIVERSITY OF TRONDEHEIM/SINTEF-UNIMED NORWAY		
	10,200.00 CIBA-GEIGY SUMMIT, NJ		
	510.00 COLUMBIA UNIVERSITY NEW YORK, NY		
	85.00 MULTIPLE DONORS		
			11,305.00
104.	AMERICAN ACADEMY OF ALLERGY & IMMUNOLOGY MILWAUKEE, WI COMPARISON OF ORAL THROPHYLLINE AND AEROSOL BECLOMETHASONE DIPROPIONATE THERAPY OF ASTHMA "CLIN" MSN HS-MED MEDICINE	ALLRGY&IMM (133-N574)	11,670.36
105.	AMERICAN RED CROSS DANE COUNTY CHAPTER MADISON, WI GENETICS OF INSULIN-DEPENDENT DIABETES MSN HS-MED MEDICINE	ENDOCRINOL (133-N600)	8,821.68
106.	PLANT GENETICS, INC. DAVIS, CA VEGETABLE RESEARCH MSN AG&LSC HORTICULTURE	(133-N621)	2,000.00

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107.	LUCE (HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIAN STUDIES FOR THE PERIOD 01-01-89 THRU 12-31-91 AT A \$320,000 LEVEL MSN L&S STUDIES PROGRAMS S.E. ASIAN (133-N706)	70,000.00
108.	PFIZER, INC. NEW YORK, NY DOUBLE-BLIND COMPARISON OF THREE DOSES OF SERTRALINE AND PLACEBO IN OUTPATIENTS WITH OBSESSIVE-COMPULSIVE DISORDER "CLIN" AWARD # 88-N-0171 MSN HS-PSY PSYCHIATRIC INST (133-N826)	15,000.00
109.	MULTIPLE DONORS WISCONSIN CANCER PAIN INITIATIVE MSN HS-MED PHARMACOLOGY (133-N832)	350.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH - IMPACTS OF NEW COMMUNICATION TECHNOLOGY ON REHABILITATION OF PUBLIC INFRASTRUCTURE MSN GRAD ENGINEERING CIVIL&ENV (133-N880)	49,800.00
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH - GROUP PERFORMANCE EVALUATION IN REMOTE COMPUTER WORKSTATION NETWORKS MSN GRAD ENGINEERING INDUS ENGR (133-N881)	16,500.00
112.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENE EXPRESSION IN THE INSULIN CELL MSN HS-MED PEDIATRICS (133-N901)	10,000.00
113.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY (133-N990)	1,731.87
114.	GAS RESEARCH INSTITUTE CHICAGO, IL MODELING OF PRESSURE COMPARTMENTS IN THE ST. PETER SANDSTONE GAS RESERVOIR IN THE MICHIGAN BASIN FOR THE PERIOD 06-01-89 THRU 05-31-92 AT A \$1,129,813 LEVEL AWARD # GRI NO. 5089-260-1810 MSN L&S GEOL & GEOPHYSICS (133-P287)	400,000.00
115.	MITSUI TOATSU CHEMICALS, INC. TOYKO, JAPAN HERBICIDE PHYSIOLOGY RESEARCH TRAINING PROGRAM MSN AG&LSC AGRONOMY (133-P383)	3,000.00

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116.	CIBA-GEIGY CORPORATION GREENSBORO, NC PESTICIDE MOVEMENT TO THE GROUNDWATER MSN AG&LSC SOIL SCIENCE	(133-P536)	35,000.00
117.	SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY MSN AG&LSC BIOCHEMISTRY	(133-P554)	
	195.00      MULTIPLE DONORS 1,800.00      CIBA-GEIGY SUMMIT, NJ		
			1,995.00
118.	CHILDS (JANE COFFIN) MEMORIAL FUND FOR MEDICAL RESEARCH NEW HAVEN, CT JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH FOR THE PERIOD 04-01-90 THRU 03-31-93 AWARD # 61-832 MSN HS-MED PHYSIOLOG CHEM	(133-P584)	2,250.00
119.	DEAN FOUNDATION FOR HEALTH RESEARCH & EDUCATION MADISON, WI RESEARCH IN HEALTH MANAGEMENT MSN HS-MED PREVENTIVE MED	(133-P654)	1,825.00
120.	INTERNATIONAL BUSINESS MACHINES CORPORATION ROCHESTER, MN COBALT MAGNETIC COUPLING STUDY FOR THE PERIOD 07-01-89 THRU 12-31-91 AWARD # 7-89 MSN L&S      PHYSICS	(133-P801)	32,000.00
121.	ARROW INTERNATIONAL, INC. READING, PA PROSPECTIVE STUDY OF A NOVEL ANTISEPTIC-COATED CATHETER FOR PREVENTION OF IV CENTRAL VENOUS CATHETER-RELATED INFECTION "CLIN" AWARD # CLIN MSN HS-MED MEDICINE      INFECT DIS	(133-P844)	32,000.00
122.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A DOUBLE-BLIND EVALUATION OF THE SAFETY AND EFFICACY OF ZK-112-119, ALPRAZOLAM AND PLACEBO IN OUTPATIENTS WITH PANIC DISORDER "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-P860)	46,845.50
123.	SANDOZ PHARMACEUTICALS EAST HANOVER, NJ A DOUBLE-BLIND EVALUATION OF THE SAFETY, EFFICACY OF ZK-112-119, ALPRAZOLAM AND PLACEBO IN OUTPATIENTS WITH GENERALIZED ANXIETY DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-P883)	27,483.60

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124.	AMERICAN INSTITUTE FOR RESEARCH IN THE BEHAVIORAL SCIENCES WASHINGTON, DC BABY BOOM COHORT AT MIDLIFE FOR THE PERIOD 07-15-89 THRU 12-31-91 MSN GRAD INST-AGING&ADULT (133-P938)	27,107.00
125.	ALPHA THERAPEUTIC CORPORATION LOS ANGELES, CA FLUDSOL CLINICAL TRIAL ATC 89-02 ANCILLARY OXYGENATION STUDIES (TERMINATED PER MUTUAL AGREEMENT) MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-Q003)	4,800.00-
126.	WINTHROP PHARMACEUTICALS NEW YORK, NY THE SAFETY AND EFFICACY OF PLAQUENIL AS MAINTENANCE THERAPY IN THE TREATMENT OF RHEMATOID ARTHRITIS MSN HS-MED MEDICINE RHEUMATOL (133-Q056)	33.07
127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERIATRIC START-UP FUNDS MSN HS-MED INST AGING (133-Q065)	17,000.00
128.	TRIUMF VANCOUVER, BC MODELLING OF RADIOPHARMACEUTICALS FOR PET STUDIES MSN HS-MED MEDICAL PHYSICS (133-Q086)	8,472.00
129.	AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION ROCKVILLE, MD EDITOR: JOURNAL OF SPEECH & HEARING DISORDERS/ASHA FOR THE PERIOD 09-01-89 THRU 12-31-91 MSN L&S COMMUN DISORDERS (133-Q093)	36,220.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE SHORT-TERM FIELD RESEARCH GRANT PROGRAM MSN L&S STUDIES PROGRAMS LATIN-IBER (133-Q171)	15,000.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE RESEARCH AND TRAVEL GRANT TO STUDY MOLECULAR EVOLUTION IN THE BROMELIAD GENUS BROCCCHNIA AND ALLIED MONOCOTS OF THE GUAYANA HIGHLANDS IN SOUTHERN VENEZUELA MSN L&S STUDIES PROGRAMS LATIN-IBER (133-Q172)	4,000.00
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE RESEARCH AND TRAVEL GRANT TO STUDY MODERNITY AND MODERNISM IN LATIN AMERICA AND THE HARLEM RENAISSANCE IN LIMA, PERU MSN L&S STUDIES PROGRAMS LATIN-IBER (133-Q173)	2,500.00

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133.	EYGENE, INC. BOSTON, MA EFFECTS OF ETHACRYNIC ACID ON AQUEOUS HUMOR DYNAMICS MSN HS-MED OPHTHALMOLOGY	(133-Q191)	24,639.33
134.	CANCER RESEARCH INSTITUTE, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIP MSN HS-MED ONCOLOGY	(133-Q207)	26,500.00
135.	EXTREL CORPORATION MADISON, WI DEVELOPMENT OF A LOW-FIELD FOURIER TRANSFORM ION CYCLOTRON RESONANCE MASS SPECTROMETER MSN L&S CHEMISTRY	(133-Q222)	1,538.90
136.	ICI AMERICAS INC. WILMINGTON, DE EFFECT OF 6 WEEKS THERAPY WITH ORAL ICI 204,219 ON BRONCHIAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE ALLRGY&IMM	(133-Q229)	4,416.00
137.	TRITON BIOSCIENCES, INC. ALAMEDA, CA TRITON MARKER PROJECT MSN HS-MED CANCER CTR	(133-Q432)	10,200.00
138.	SUPPORT OF INFECTIOUS DISEASE PROGRAMS MSN HS-MED MEDICINE INFECT DIS	(133-Q497)	
	1,500.00 HOECHST AKTIENGESELLSCHAT GERMANY		
	573.92 IMPACT MEDICAL COMMUNICATIONS, INC. NEW YORK, NY		
	595.00 HARVARD MEDICAL SCHOOL SYMPOSIUM ACCOUNT BOSTON, MA		
			2,668.92
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANGER AWARD: FACULTY SCHOLARSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-Q499)	10,000.00
140.	DANE COUNTY DEPARTMENT OF HUMAN SERVICES MADISON, WI SUPPORT EMPLOYMENT COMPONENT OF THE ADULT SERVICES PROGRAM FOR THE PERIOD 03-01-90 THRU 12-31-90 AWARD # 52 MSN GRAD WAISMAN CENTER	(133-Q544)	6,775.00

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141.	HAZELTON LABORATORIES MADISON, WI GASTROENTEROLOGY DEVELOPMENT FUND MSN HS-MED MEDICINE	GASTROENT	(133-Q565)	41,400.00
142.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRICS DIABETES CENTER MSN HS-MED PEDIATRICS		(133-Q643)	25,000.00
143.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI DEPARTMENT SUPPLIES AND EXPENSES MSN HS-MED PSYCHIATRY		(133-Q848)	5,843.00
144.	MERCK & CO., INC. WEST POINT, PA EDUCATIONAL AND EXTRACURRICULAR FUND MSN HS-MED MEDICINE	CARDIOLOGY	(133-Q849)	1,000.00
145.	CIBA-GEIGY CORPORATION SUMMIT, NJ SHORT-TERM METABOLIC EFFECTS OF RECOMBINANT HUMAN INSULIN-LIKE GROWTH FACTOR I (RHIGF-1) IN TYPE 11 DIABETES MELLITUS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	ENDOCRINOL	(133-Q856)	6,171.00
146.	UPJOHN COMPANY KALAMAZOO, MI FIXED DOSE, DOUBLE-BLIND STUDY COMPARING EFFICACY AND SAFETY OF XANAX SR TABLETS VS. PLACEBO IN THE TREATMENT OF PANIC DISORDER USING TWICE DAILY DOSING "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST		(133-Q889)	16,280.00
147.	HOWMEDICA RUTHERFORD, NJ VERMONT SPINAL FIXATION TRAUMA STUDY - CONTROL GROUP PROTOCOL SF-89-01C "CLIN" AWARD # CLIN MSN HS-MED SURGERY	ORTHO SURG	(133-Q908)	1,776.00
148.	AMERICAN INSTITUTES FOR RESEACH IN THE BEHAVIORAL SCIENCES WASHINGTON, DC DOCUMENTING MIDLIFE: TRANSITIONS AND STATES IN FAMILY, WORK, AND WELL-BEING FOR THE PERIOD 09-01-90 THRU 12-31-91 MSN L&S	SOCIOLOGY	(133-Q942)	37,920.00
149.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON MATERIAL ASPECTS OF SUPERCONDUCTIVITY MSN ENGR	ENGR EXPER STA SUPERCONDT	(133-Q944)	2,000.00



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150.	AMERICAN MEDICAL SYSTEM MINNETONKA, MN TREATMENT OF BENIGN PROSTATIC HYPERTROPHY SYSTEMS USING WALLSTENT AWARD # CLIN MSN HS-MED SURGERY	UROLOGY	(133-R051)	3,000.00
151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL RESEARCH AND DEVELOPMENT MSN HS-MED PSYCHIATRY		(133-R090)	200.00
152.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 1991 DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY		(133-R091)	50,000.00
153.	JOHNSON (R. W.) PHARMACEUTICAL RESEARCH INSTITUTE RARITAN, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO DETERMINE THE SAFETY OF R-HUEPO AND WHETHER R-HUEPO CAN REDUCE POST-OPERATIVE TRANSFUSION REQUIREMENTS IN PATIENTS UNDERGOING MAJOR ORTHOPEDIC SURGERY "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	HEMATOLOGY	(133-R103)	9,799.80
154.	UPJOHN COMPANY KALAMAZOO, MI EFFECT OF PIOGLITAZONE HCI ON INSULIN SENSITIVITY IN RHESUS MONKEYS "CLIN" AWARD # CLIN MSN GRAD PRIMATE RES CTR		(133-R144)	14,450.00
155.	NIAGRA FALLS (CITY OF) NIAGRA FALLS, NY BIOLOGICAL TREATABILITY EVALUATION FOR THE PERIOD 03-07-90 THRU 05-31-91 MSN ENGR CIVIL & ENV ENGR		(133-R211)	97,445.00
156.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACCESS TO MACINTOSH COMPUTERS FOR PERSONS WITH BLINDNESS MSN GRAD WAISMAN CENTER		(133-R299)	25,000.00
157.	INSTITUTE FOR INTERNATIONAL ECONOMICS WASHINGTON, DC QUANTIFYING U.S. EXPORT DISINCENTIVES MSN L&S ECONOMICS		(133-R307)	12,144.00
158.	BRISTOL-MYERS SQUIBB COMPANY PRINCETON, NJ PHARMACODYNAMIC ACTIVITY OF AMIKACIN MSN HS-MED MEDICINE	INFECT DIS	(133-R330)	4,455.00

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159.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL RESIDENTIAL FACILITIES MONITORING SERVICE FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN GRAD WAISMAN CENTER	(133-R349)	4,840.00
160.	1991 PHARMACEUTICS GRADUATE STUDENT RESEARCH MEETING MSN HS-PHR PHARMACY	(133-R395)	
	550.00 BERLEX LABORATORIES WAYNE, NJ		
	1,250.00 HOFFMAN-LAROCHE INC. NUTLEY, NJ		
	150.00 MULTIPLE DONORS		
			1,950.00
161.	ALCON LABORATORIES FORT WORTH, TX MICROBIOLOGICAL CULTURING OF OCULAR SPECIMENS FROM PATIENTS ENROLLED IN CLINICAL EFFICACY STUDIES FOR CIPROFLOXACIN OPHTHALMIC FORMULATION MSN HS-MED PATHOL & LAB MED LAB MED	(133-R403)	480.00
162.	FUJISAWA PHARMACEUTICAL CO., LTD. OSAKA, JAPAN A RANDOMIZED TRIAL OF FK506 VERSUS CYCLOSPORINE AS PRIMARY IMMUNOSUPPRESSIVE TREATMENT IN LIVER TRANSPLANTATION AWARD # CLIN MSN HS-MED SURGERY	GEN SURG (133-R506)	68,400.00
163.	GLAXO INC. RESEARCH TRIANGLE PARK, NC DOUBLE-BLIND, FORCED TITRATION EVALUATION OF FOUR DOSES OF ISRADIPINE AND PLACEBO IN THE TREATMENT OF CHRONIC STABLE ANGINA AWARD # CLIN MSN HS-MED MEDICINE	CARDIOLOGY (133-R540)	24,494.40
164.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ AN OPEN LABEL MULTI-CENTER CLINICAL INVESTIGATION TO DETERMINE THE SAFETY AND EFFICACY OF ISOVUE R-250 IN EXCRETORY UROGRAPHY BY INTRAVENOUS PYELOGRAM IN THE ADULT PATIENT "CLIN" AWARD # CLIN MSN HS-MED RADIOLOGY	(133-R597)	4,553.46
165.	AMGEN, INC. THOUSAND OAKS, CA NATIONAL COOPERATIVE R-HU ERYTHROPOIETIN STUDY IN PATIENTS WITH CHRONIC RENAL FAILURE "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	NEPHROLOGY (133-R599)	400.00

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166.	MULTIPLE DONORS DISEASES AND CAUSES OF DEATH OF CRANES MSN VET M MEDICAL SCIENCES	( 133-R611)	150.00
167.	MULTIPLE DONORS DISCOVER SCIENCE PROGRAM MSN AG&LSC BIOCHEMISTRY	( 133-R637)	100.00
168.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI UPG SALARY SUPPORT MSN HS-MED PSYCHIATRY	( 133-R664)	27,539.85
169.	SYNTEX RESEARCH PALO ALTO, CA AN OPEN-LABEL, PILOT, PHARMACOKINETIC SAFETY AND EFFICACY STUDY OF RS-61443 FOR TREATMENT OF REFRACTORY CELLULAR ALLOGRAFT REJECTION AWARD # CLIN MSN HS-MED SURGERY	( 133-R677)	13,082.00
170.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC 1991 ADVANCED PREDOCTORAL FELLOWSHIP IN PHARMACOLOGY/TOXICOLOGY FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED PHARMACOLOGY	( 133-R726)	10,500.00
171.	NAUTILUS RESEARCH CORPORATION MADISON, WI EFFECTS OF AN ACETAMINOPHEN-DESTROMETHORPHAN COMBINATION ON COUGH IN PATIENTS WITH CHRONIC BRONCHITIS MSN HS-MED MEDICINE                      PULMON MED	( 133-R734)	9,360.00
172.	MUSCULAR DYSTROPHY ASSOCIATION TUCSON, AZ PROLIFERATIVE BEHAVIOR OF SATELLITE CELLS IN GROWING MUSCLE FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED ANATOMY	( 133-R735)	39,861.00
173.	COUNCIL FOR TOBACCO RESEARCH-U.S.A., INC. NEW YORK, NY CONTROL OF TWO NOVEL RODENT P450 CYTOCHROMES FOR THE PERIOD 01-01-91 THRU 12-31-91 AWARD # 2963 MSN HS-MED PHARMACOLOGY	( 133-R736)	80,000.00
174.	JOHNSON AND JOHNSON NEW BRUNSWICK, NJ ENGINEERING SEQUENCE - SPECIFIC RIBONUCLEASES FOR THE PERIOD 11-01-90 THRU 10-30-93 MSN AG&LSC BIOCHEMISTRY	( 133-R739)	127,200.00

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175.	MUSCULAR DYSTROPHY ASSOCIATION TUSCON, AZ REGULATION OF MYOGENESIS BY FIBROBLAST GROWTH FACTOR FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN AG&LSC BIOCHEMISTRY (133-R740)	42,400.00
176.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ACQUISITION AND ANALYSIS OF LAND USE/LAND COVER DATA FOR URBAN NONPOINT SOURCE POLLUTION MODELING FOR THE PERIOD 01-01-91 THRU 06-30-92 AWARD # WIS-99010-L-00 MSN ENV ST ENV REMOT SENS'G ENV REMOT (133-R744)	38,388.00
177.	INSTITUTE FOR RESOURCE DEVELOPMENT COLUMBIA, MD BREASTFEEDING, PACE OF CHILDBEARING AND EARLY CHILD MORTALITY IN AFRICA FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN L&S SOCIOLOGY (133-R745)	12,000.00
178.	SOVIET AND EASTERN EUROPEAN RESEARCH MSN L&S ECONOMICS (133-R746)	
	6,000.00 CUNA MUTUAL INSURANCE GROUP MADISON, WI	
	3,000.00 WORLD COUNCIL OF CREDIT UNIONS MADISON, WI	
		9,000.00
179.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY GENE THERAPY OF DUCHENNE MUSCULAR DYSTROPHY FOR THE PERIOD 01-01-91 THRU 12-31-91 MSN HS-MED PEDIATRICS (133-R762)	84,000.00
180.	SPENCER FOUNDATION CHICAGO, IL EDUCATIONAL VISION OF THE BLACK MIDDLE CLASS, 1900-1960 FOR THE PERIOD 12-17-90 THRU 08-31-91 MSN EDUC EDUC POLICY STU (133-R763)	27,039.00
181.	WISCONSIN PORK PRODUCERS LANCASTER, WI INVESTIGATIONS ON CORRELATION BETWEEN SPECIFIC LIPOPROTEIN MUTANT GENES AND FAT CONTENT AND COMPOSITION IN LOINS, LEAN GROWTH AND PLASMA GROWTH HORMONE LEVEL IN PIGS MSN AG&LSC MEAT& ANIMAL SCI (133-R764)	6,780.00
182.	ASSOCIATION FOR COMPUTING MACHINERY MONTEREY, CA ACM SIGDA LIBRARY GRANT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-R765)	1,000.00

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183.	ALPHA 1 BIOMEDICALS, INC. WASHINGTON, DC COMPILATION, VERIFICATION AND SUMMARIZATION OF 1986-87 THYMOSIN/INFLUENZA VACCINE TRIALS "CLIN" AWARD # CLIN MSN HS-MED INST AGING	(133-R766)	2,190.00
184.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI ADOPTION OF BEST MANAGEMENT PRACTICES: AN ECONOMIC EVALUATION FOR THE PERIOD 01-01-91 THRU 06-30-91 MSN AG&LSC HORTICULTURE      N P M P	(133-R772)	17,700.00
185.	WISC DEPARTMENT OF CORRECTIONS MADISON, WI QUALITY ASSURANCE AND UTILIZATION REVIEW (QA/UR) PROGRAM FOR THE PERIOD 01-01-91 THRU 06-30-91 MSN ENGR    ENGR EXPR STA    HLTH SYS'S	(133-R773)	25,993.00
186.	SAVAGE (DAN) BELOIT, WI RENAL RESEARCH MSN HS-MED SURGERY                      UROLOGY	(133-R774)	1,000.00
187.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA DEVELOPMENT OF A POISSON MIXED MODEL FOR GENETIC ANALYSIS OF LITTER SIZE AND SIMILAR TRAITS IN SWINE MSN AG&LSC MEAT& ANIMAL SCI	(133-R778)	28,000.00
188.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY MURRAY HILL, NJ XUNET SUPPORT FOR THE PERIOD 09-01-90 THRU 08-31-91 AWARD # 109328 MSN L&S      COMPUTER SCI	(133-R779)	21,731.00
189.	ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE REDLANDS, CA MODEL LOCAL GOVERNMENT GIS/LIS FACILITY MSN AG&LSC NR-LANDSCAP ARCH	(133-R781)	20,000.00
190.	ECONOMIC DEVELOPMENT CORPORATION OF THE COUNTY OF MARQUETTE NEGAUNEE, MI ETHNIC AND SETTLEMENT PATTERNS MSN AG&LSC NR-LANDSCAP ARCH	(133-R782)	6,500.00
191.	NOLL VALLEY MADISON, WI NOLL VALLEY PRAIRIE STUDY MSN AG&LSC NR-LANDSCAP ARCH	(133-R783)	1,020.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

192.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSOR OF ART HISTORY MSN L&S ART HISTORY	(133-R784)	7,000.00
193.	RHONE-POULENC DURHAM, NC GABA RECEPTOR MICROBIOLOGY RESEARCH MSN AG&LSC ENTOMOLOGY	(133-R785)	12,000.00
194.	SCHILLER (ROBERT A) MEMORIAL FUND BRADENTON, FL ALZHEIMER RESEARCH - NSF PYI MATCHING FUNDS MSN ENGR CHEMICAL ENGR	(133-R801)	25,000.00
195.	LABORATOIRE L. LAFON MAISONS ALFORT, FRANCE RESEARCH ON VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-R803)	35,975.00
196.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL ST. COLETTA - MONITORING VISITS FOR DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN L&S SOCIAL WORK	(133-R808)	3,660.00
197.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ZOOLOGY DEVELOPMENT FUND MSN L&S ZOOLOGY	(133-R809)	1,000.00
198.	WORLD HEALTH ORGANIZATION GENEVA, SWITZERLAND IMMUNOREGULATION OF THE IMMUNE RESPONSE TO PLASMODIUM FALCIPARUM VACCINE EPITOPES IN MICE FOR THE PERIOD 02-01-91 THRU 01-31-92 AWARD # M22/181/71 MSN HS-MED MED MICROBIOLOGY	(133-R810)	54,620.00
199.	SQUARE D COMPANY RALEIGH, NC RESONANT DC-LINKED CONVERTOR RESEARCH MSN ENGR ENGR EXPER STA WISPERC	(133-R812)	15,000.00
200.	KENOYER (MARLEAN AND QUENTIN) WILLOUGHBY HILLS, OH HARAPPA PROJECT RESEARCH FUNDS: PRESIDENTIAL YOUNG INVESTIGATOR MSN L&S ANTHROPOLOGY	(133-R814)	2,000.00
201.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI MANUFACTURED GAS PLANT WASTE MANAGEMENT MSN ENGR CIVIL & ENV ENGR	(133-R822)	23,380.00

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## RESEARCH

202.	OLIN (SPENCER T. AND ANN W.) FOUNDATION ST. LOUIS, MO RESEARCH AND DEVELOPMENT IN SCHOOL IMPROVEMENT BASED ON THE EFFECTIVE SCHOOLS RESEARCH MSN EDUC WIS CTR EDUC RES (133-R825)	200,000.00
203.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMISTRY GRANT-IN-AID MSN L&S CHEMISTRY (133-0878)	100,000.00
204.	KOHLER FOUNDATION, INC. KOHLER, WI MARIE CHRISTINE KOHLER FELLOWSHIP MSN GRAD ADMINISTRATION (133-2002)	12,100.00
205.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC (133-5328)	50,000.00
206.	EMIL M. SHEBESTA, MD MUSKEGON, MI MEDICAL SCHOOL DEAN'S DISCRETIONARY FUND MSN HS-MED (133-5671)	1,000.00
207.	VALENT USA CORPORATION SAN RAMON, CA INSECT CONTROL RESEARCH ON FLORAL CROPS MSN AG&LSC ENTOMOLOGY (133-8293)	2,000.00
208.	MULTIPLE DONORS HEART RESEARCH OR SERVICE MSN HS-HSP ADMINISTRATION ADMIN (133-9921)	50.00

## STUDENT AID

1.	WALLACE, SUZANNE D. LAKE FOREST, IL LYON, EARLE D.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( TRUST )	487.50
2.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR ( TRUST )	9,409.58
3.	WISCONSIN RURAL REHABILITATION CORP VERONA, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S ( TRUST )	2,000.00
4.	DUPPLER, DAVID W. M.D. & TIA WILTON, ME WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND MSN HS-MED ( TRUST )	250.00

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## STUDENT AID

5.	DREEBEN, MICHAEL CHEVY CHASE, MD BYRD, D. GIBSON--SCHOLARSHIP FUND FOR UNDERGRADUATE PAINTING STUDENTS MSN EDUC GENERAL ADMIN DEAN'S OFF ( TRUST )	200.00
6.	FIRST WISCONSIN-MADISON MADISON, WI BLEYER, WILLARD G.--JOURNALISM SCHOLARSHIP #2 MSN L&S JOURN & MASS COM ( TRUST )	644.12
7.	FIRST WISCONSIN-MADISON MADISON, WI JOURNALISM SCHOLARSHIP FUND MSN L&S JOURN & MASS COM ( TRUST )	916.62
8.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK SCHOLARSHIP FUND IN CONSERVATION MSN AG&LSC ACAD STU AFF ADM ( TRUST )	458.31
9.	EARNINGS ON MISCELLANEOUS INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY ( TRUST )	340.54
10.	RABJOHNS, RONALD AND CAMILLA PEORIA HEIGHTS, IL ROWE, GEORGE GILES--AWARD IN CARDIOLOGY MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )	500.00
11.	UNITED STEEL WORKERS OF AMERICA LOCAL 642-U NEW LONDON, WI INDUSTRIAL RELATIONS RESEARCH INSTITUTE-GRADUATE SCHOLARSHIP MSN L&S IND REL RES INST ( TRUST )	500.00
12.	KOLLER, WILLIAM S. M.D. & KAREN MADISON, WI HAMILTON, PHILLIP R. III--MEMORIAL SCHOLARSHIP MSN HS-MED ACAD AFFAIRS M-D PROGRA ( TRUST )	50.00
13.	TARAKNATH DAS FOUNDATION TARAKNATH DAS FOUNDATION PRIZE IN MEMORY OF BASANTA KUMAR ROY MSN L&S SO ASIAN STUDIES ( TRUST )	500.00
14.	AMERICAN SOCIETY OF AG ENGINEERS WISCONSIN AGRICULTURAL ENGINEER SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( TRUST )	250.00
15.	DREBUS, RICHARD AND HAZEL OSHKOSH, WI SCHOOL OF EDUCATION--SCHOLARSHIP MSN EDUC ( TRUST )	500.00



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## STUDENT AID

16.	WEIGLE, DICK MEMORIAL SCHOLARSHIP		
	MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( TRUST )		
	500.00	CUNA MUTUAL INSURANCE GROUP	200.00
		WEIGLE, DOROTHY	200.00
		WEIGLE, RICHARD S. & KAREN	100.00
		MADISON, WI	
	200.00	WITTE, SUSAN J.	100.00
		MT. HOREB, WI	
		WEIGLE, W. SCOTT	100.00
		HOUSTON, TX	
			700.00
17.	PROCEEDS FROM MISCELLANEOUS INVESTMENTS		
	MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN		
	CLINICAL PSYCHOLOGY		
	MSN L&S	PSYCHOLOGY ( TRUST )	393.71
18.	EDUCATION, DEPT OF		
	WASHINGTON, DC		
	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED:		
	MATHEMATICS		
	FOR THE PERIOD 01-01-91 THROUGH 12-31-91		
	AWARD # P200A80279-90		
	MSN L&S	MATHEMATICS (144-BZ47)	157,831.00
19.	DAUGHTERS OF DEMETER, INC.		
	MADISON, WI		
	DAUGHTERS OF DEMETER SCHOLARSHIP		
	MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-A790)	1,750.00
20.	BAKER (ROBERT EARL) ESTATE		
	PITTSBURGH, PA		
	VIOLA JURGERSON BAKER MEMORIAL FUND		
	MSN FR&CS	FAM RSRC&CNSM SC ADMIN (133-B967)	2,461.75
21.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI		
	COLLEGE OF ENGINEERING FUND FOR POLYGON AWARDS		
	MSN ENGR	OPERATIONS (133-J169)	2,100.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI		
	F R C S SCHOLARSHIP		
	MSN FR&CS	FAM RSRC&CNSM SC ADMIN (133-J511)	2,000.00
23.	AT & T BELL LABORATORIES COOPERATION RESEARCH		
	FELLOWSHIP PROGRAM		
	MSN ENGR	CHEMICAL ENGR (133-J629)	
	250.00	AT&T BELL LABORATORIES	
		SHORT HILLS, NJ	
	2,933.00	AT & T BELL LABORATORIES	
		SHORT HILLS, NJ	
			3,183.00

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## STUDENT AID

24.	CHEVRON U.S.A. INC. NEW ORLEANS, LA UNDERGRADUATE SCHOLARSHIPS MSN L&S      GEOL & GEOPHYSCS	(133-J873)	1,500.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAY REYNOLDS SCHOLARSHIP MSN FR&CS    FAM RSRC&CNSM SC ADMIN	(133-K762)	3,176.00
26.	NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION MCLEAN, VA STUDENT SCHOLARSHIPS - COLLEGE OF ENGINEERING MSN ENGR	(133-M542)	4,000.00
27.	AMOCO FOUNDATION, INC. CHICAGO, IL MINORITY DOCTORAL FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR      CHEMICAL ENGR	(133-N313)	4,392.00
28.	LIFE AND HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, D.C. LIFE & HEALTH INSURANCE MEDICAL RESEARCH FUND SCHOLARSHIP MSN HS-MED ONCOLOGY	(133-N420)	8,000.00
29.	GRADUATE OPPORTUNITIES FOR ADVANCED LEVEL STUDIES DEARBORN, MI GOALS FELLOWSHIP MSN L&S      IND REL RES INST	(133-N524)	5,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BOLZ GRADUATE ASSISTANTSHIP MSN L&S      SCHOOL OF MUSIC	(133-N699)	8,000.00
31.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 12-04-89 THRU 05-31-91 AWARD # 91-11 WINNEN MSN ENGR      CIVIL & ENV ENGR	(133-Q048)	1,760.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED SENN SCHOLARSHIP FUND MSN L&S      HISTORY	(133-RO41)	1,000.00
33.	WISCONSIN RURAL REHABILITATION CORPORATION VERONA, WI WISCONSIN RURAL REHABILITATION CORPORATION SCHOLARSHIP MSN EDUC      GENERAL ADMIN      DEAN'S OFF	(133-R206)	838.00

## STUDENT AID

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|-----|--|-----------|
| 34. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>UNIVERSITY HOSPITAL AND CLINICS SCHOLARSHIP<br>FUND<br>MSN HS-HSP ADMINISTRATION ADMIN (133-R229)   | 10,000.00 |
| 35. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>GENERAL MILLS SCHOLARSHIP IN THE COLLEGE OF<br>AGRICULTURE AND LIFE SCIENCES<br>MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-R818)   | 3,000.00  |
| 36. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>SCHOLARSHIPS FOR NEEDY YOUNG MEN AND WOMEN<br>FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL<br>NEED AND WHO ARE ENTERING OR CONTINUING STUDY<br>IN THE COLLEGE OF AG & LSC<br>MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-2073)      | 18,017.00 |
| 37. | INBUSCH (C E & D W) FOUNDATION<br>MILWAUKEE, WI<br>DOROTHY & CHARLES INBUSCH AWARD FOR MERITORIOUS<br>MEDICAL RESEARCH<br>MSN HS-MED (133-4176)  | 400.00    |
| 38. | AMOCO FOUNDATION, INC<br>CHICAGO, IL<br>AMOCO FOUNDATION DOCTORAL FELLOWSHIP IN CHEMISTRY<br>MSN L&S CHEMISTRY (133-4569)  | 11,014.00 |
| 39. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF<br>HOME MANAGEMENT AND FAMILY LIVING<br>MSN FR&CS FAM RSRC&CNM SC ADMIN (133-8878)  | 2,000.00  |
| 40. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>MINORITY ENGINEERING SCHOLARSHIP FUND<br>MSN ENGR MINORITIES ENGR MINOR PROG (133-8953)   | 2,000.00  |
| 41. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>WISCONSIN RURAL REHABILITATION CORPORATION<br>UNDERGRADUATE NURSING SCHOLARSHIPS<br>MSN HS-NUR (133-8956)   | 3,352.00  |
| 42. | ANONYMOUS DONOR<br>M.E.O. FUND FOR FELLOWSHIP SUPPORT OF A GRADUATE<br>STUDENT FROM ASIA OR AFRICA WORKING TOWARD A PH.D.<br>AT THE GRADUATE SCHOOL IN MADISON IN THE FIELDS OF<br>HISTORY, POLITICAL SCIENCE, EDUCATION, SOCIOLOGY,<br>ECONOMICS OR AGRICULTURAL ECONOMICS<br>MSN GRAD (133-9569) | 4,452.00  |

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## STUDENT AID

43. WISCONSIN RURAL REHABILITATION CORPORATION  
MADISON, WI  
UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS  
FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL  
NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT  
THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF  
FAMILY RESOURCES AND CONSUMER SCIENCES  
MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-9594) 419.00

## UNRESTRICTED

1. FIRST INTERSTATE BANK  
KRONCKE, EARL A.  
OKLAHOMA CITY, OK  
MADISON CHANCELLOR'S SPECIAL FUND  
MSN G E A ( TRUST ) 9,719.25

2. WARNER-LAMBERT COMPANY  
ANN ARBOR, MI  
DISCRETIONARY ACCOUNT FOR ENZYME INSTITUTE  
MSN GRAD ENZYME INSTITUTE (133-R655) 5,000.00

TOTAL MADISON 15,314,058.01  
=====

EXTENSION AND PUBLIC SERVICE	44,791.37
INSTRUCTION	37,500.00
LIBRARIES	69,029.73
MISCELLANEOUS	1,096,687.53
PHYSICAL PLANT	265,000.00
RESEARCH	13,506,584.00
STUDENT AID	279,746.13
UNRESTRICTED	14,719.25

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## GIFT-IN-KIND

1. WISCONSIN CONCRETE PAVEMENT ASSOCIATION  
MADISON, WI  
A GIFT OF CONCRETE PAVEMENT TECHNOLOGY  
SOFTWARE  
MIL ENG&AS URBAN TRANS RES C
2. MRS. BESSIE TURNEY  
MILWAUKEE, WI  
A GIFT OF THE PAUL TURNEY COLLECTION  
MIL L&S ANTHROPOLOGY

## INSTRUCTION

1. UW SYSTEM (P/C DED)  
MADISON, WI  
91-177-LK  
INTERRELATING THE SCIENCES AND MATHEMATICS IN THE  
ELEMENTARY GRADES  
(IN THE AMOUNT OF \$16,460.00)  
FOR THE PERIOD 01-10-91 THROUGH 12-31-92  
AWARD # 308  
MIL GRAD M-S ERC (144-BZ81)
2. UNIVERSITY OF WISCONSIN SYSTEM  
MADISON, WI  
91-183-NM  
PRIME CONTRACTOR WITH DED  
MIDDLE SCHOOL SCIENCE TEACHING PROGRAM  
(\$13,540.00)  
FOR THE PERIOD 10-01-90 THROUGH 12-31-91  
MIL GRAD M-S ERC (144-BZ56)
3. INTERNATIONAL BUSINESS MACHINES CORPORATION  
THORNWOOD, NY  
90-080-NM  
COMPUTER LITERACY - TEACHER EDUCATION AT THE  
UNIVERSITY OF WISCONSIN-MILWAUKEE  
(GRANT OF EQUIPMENT PLUS DOLLAR ALLOWANCE)  
AWARD # CHECK #G453942  
MIL EDUC ADMINISTRATION (133-Q322) 4,000.00

## MISCELLANEOUS

1. JOHNSON & JOHNSON  
MAYER, HAROLD  
MILWAUKEE, WI  
MAYER, HAROLD AND FLORENCE--DISTINGUISHED  
GEOGRAPHICAL LECTURE (MILW)  
MIL L&S GEOGRAPHY ( TRUST ) 34.00
2. ARTS MIDWEST  
MINNEAPOLIS, MN  
90-408-NM  
PRIME CONTRACTOR WITH NEA  
PERFORMING ARTS TOURING PROGRAM 1990-91  
DANCE BRAZIL  
FOR THE PERIOD 11-15-90 THROUGH 02-14-91  
AWARD # CHECK NO. 25249  
MIL F ARTS METRO ARTS PROG GA 1990-91 (144-BQ55) 4,562.00

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MISCELLANEOUS

3. VETERANS ADMINISTRATION  
MILWAUKEE, WI  
89-476-LK  
VETERANS ADMINISTRATION OVERHEAD  
AWARD # CHECK NO. 2216 34983332  
MIL STU AF REGISTRAR'S OFF VETS AFF (144-M701) 2,700.00-
4. VARIOUS  
(MARGARET RAEKE)  
MILWAUKEE, WI  
SUPPORT UWM ORCHESTRA PROGRAM  
MIL F ARTS MUSIC (133-H688) 25.00

RESEARCH

1. UWM FOUNDATION (267)  
MILWAUKEE, WI  
WISCONSIN DISTINGUISHED PROFESSORSHIP  
(182-B12-7002)  
MIL BUS AD SBA RESEARCH WDP #2 8,100.00
2. WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL  
SERVICES  
MADISON, WI  
90-419-NM  
PRIME CONTRACTOR WITH  
LOW INCOME ENERGY STUDY  
FOR THE PERIOD 01-01-91 THROUGH 09-30-91  
AWARD # P.O. FSA46853  
MIL S WELF SOC WELFARE ADMN SOC WEL AD (144-BZ71) 66,250.50
3. DIVISION OF VOCATIONAL REHABILITATION  
MADISON, WI  
91-223-NM  
PRIME CONTRACTOR WITH DED  
INSTITUTE FOR SUPPORTED EMPLOYMENT  
FOR THE PERIOD 11-01-90 THROUGH 09-30-91  
AWARD # P.O. FEA 27357  
MIL GRAD URBAN RESRCH CTR (144-BZ55) 60,832.00
4. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
91-159-BF  
NEUROENDOCRINE REGULATION OF GROWTH  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # 5 KO4 DK01874-03  
MIL A H P AH MAJOR (144-BZ43) 69,174.00
5. MAYO FOUNDATION  
ROCHESTER, MN  
90-221-NM  
PRIME CONTRACTOR WITH DOD NAVY  
THEORETICAL DEVELOPMENT OF COMPUTER SIMULATION OF  
EM PERFORMANCE FOR DIGITAL SIGNAL PROCESSORS  
OPERATING ABOVE 5 GHZ  
FOR THE PERIOD 10-01-89 THROUGH 09-30-91  
AWARD # N66001-89-C-0104  
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (144-BL02) 184,690.00

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## RESEARCH

6. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
WOLFGANG AND NANERL: "A STUDY OF TWO MOZARTS"  
FOR THE PERIOD 12-01-90 THROUGH 04-30-91  
AWARD # FY91-004  
MIL F ARTS MUSIC (144-BZ46) 1,500.00
  
7. WISC DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
EVALUATION OF THE WORK EXPERIENCE AND JOB  
TRAINING AND THE COMMUNITY WORK EXPERIENCE  
PROGRAM  
FOR THE PERIOD 03-13-89 THROUGH 06-30-93  
AWARD # P.O. FSAE 9749 P01B  
MIL DOCE ETI (144-AX53) 30,153.00
  
8. WISC DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
89-175-NM  
PRIME CONTRACTOR WITH WDHSS  
LEARNFARE EVALUATION  
FOR THE PERIOD 04-01-89 THROUGH 06-30-93  
AWARD # P.O. FSAE 9750 P0 1B  
MIL DOCE ETI (144-BD31) 28,894.00
  
9. SUNDSTRAND ADVANCED TECHNOLOGY GROUP  
SUNDSTRAND CORPORATION  
ROCKFORD, IL  
EXTENSION OF RESEARCH ON OPERATING CHARACTERISTICS  
OF COMPACT HIGH INTENSITY COOLERS UNDER TWO-PHASE  
FLOW CONDITIONS  
FOR THE PERIOD 01/01/91 THROUGH 03/31/91  
MIL ENG&AS MECHANICAL ENGR MECH ENGR (133-L294) 19,555.00
  
10. ESTATE OF SOPHIA M. (VOSS) ROEMING  
SEVERNA PARK, MD  
DISCRETIONARY RESEARCH FUND FOR THE SUPPORT  
OF THE CAMUS BIBLIOGRAPHICAL PROJECT  
AWARD # CHECK #1137  
MIL L&S ADMINISTRATION ADMIN (133-L702) 139.86
  
11. SQUARE D COMPANY  
MILWAUKEE, WI  
90-296-NM  
VIBRATION TESTING OF EQUIPMENT  
MIL ENG&AS CIVIL ENGINEER'G (133-P193) 2,985.25
  
12. MILWAUKEE JEWISH COMMUNITY FOUNDATION  
MILWAUKEE, WI  
GIFT TO SUPPORT HOLOCAUST STUDIES PROGRAM  
MIL L&S GERMAN (133-Q488) 4,000.00-
  
13. UWM FOUNDATION  
(#255, 256 & 264)  
MILWAUKEE, WI  
STRATEGIC PLAN IN BUSINESS  
AWARD # CHECKS 5499 & 5500  
MIL BUS AD BUSINESS (133-R076) 97,000.00

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## RESEARCH

14. INSTITUTE OF AGING  
MIL F ARTS UWM ART MUSEUM ART MUSEUM (133-R711)  
  
1,500.00- WISCONSIN HUMANITIES COMMITTEE (P/C NEH)  
MADISON, WI  
91-194-LK  
20,000.00 UWM FOUNDATION  
MILWAUKEE, WI  
  
18,500.00
15. ANR PIPELINE  
DETROIT, MI  
91-297-NM  
ALTERNATE FUEL RESEARCH  
FOR THE PERIOD 09/01/90 THROUGH 08/31/91  
AWARD # CHECK #1610262  
MIL ENG&AS MECHANICAL ENGR MECH ENGR (133-R737) 25,000.00
16. PLANNING AND DESIGN INSTITUTE  
SHOREWOOD, WI  
91-296-NM  
1991 URBAN DESIGN AND DEVELOPMENT  
FOR THE PERIOD 01/01/91 THROUGH 12/31/91  
MIL ARC&UP ARCH&U P RES CTR (133-R738) 20,842.00
17. WAUWATOSA ECONOMIC DEVELOPMENT CORPORATION  
WAUWATOSA, WI  
91-306-NM  
A BUSINESS CONTACT LIST FOR WAUWATOSA  
FOR THE PERIOD 01/21/91 THROUGH 02/28/91  
MIL GRAD URBAN RESRCH CTR (133-R806) 4,485.00

## STUDENT AID

1. HAGENSICK, DONNA C.  
MILWAUKEE, WI  
ETTENHEIM, GEORGE P.--STUDENT ASSISTANCE (MILW)  
MIL STU AF FINANCIAL AID FEL& SCHOL ( TRUST ) 75.00
2. UW SYSTEM ADMIN./DWIGHT D. EISENHOWER  
MATH AND SCIENCE ACT (P/C DED)  
MADISON, WI  
91-036-LK  
MINORITY MATHEMATICS AND SCIENCE TEACHER  
SCHOLARSHIP COMPETITION 1990-91  
FOR THE PERIOD 10-01-90 THROUGH 12-31-91  
MIL EDUC CTR TEACHER EDUC (144-BZ48)
3. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # P063P97122  
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B090) 7,419.00



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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

4. MPC ENDOWMENT LTD.  
GLENDAL, WI  
MPC ENDOWMENT LTD. SCHOLARSHIP  
MIL L&S MASS COMMUNICATN (133-L945) 600.00

5. MASON (EDNA LOUISE) ESTATE  
WAUKESHA, WI  
EDNA LOUISE MASON SCHOLARSHIP FUND  
MIL STU AF FINANCIAL AID (133-7205) 2,718.48

TOTAL MILWAUKEE 650,834.09  
=====

INSTRUCTION	4,000.00
MISCELLANEOUS	1,921.00
RESEARCH	634,100.61
STUDENT AID	10,812.48

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

UNIVERSITY OF WISCONSIN - EAU CLAIRE

## INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
INSTRUMENTATION FOR GEOPHYSICS FIELD PROGRAMS  
FOR THE PERIOD 07-01-90 THROUGH 12-31-92  
AWARD # USE-9050767  
EAU ART&SC GEOLOGY (144-0033) 19,650.00
2. TRANSPORTATION, DEPT OF  
WASHINGTON, DC  
DESIGNATED DRIVER PROGRAM  
FOR THE PERIOD 10-01-90 THROUGH 09-30-91  
AWARD # 0921-03-06  
EAU S SERV ASST CHAN STU AF (144-1030) 8,271.00

## RESEARCH

1. AMERICAN CHEMICAL SOCIETY  
WASHINGTON, DC  
TRICYCLIC CYCLOPROPENES  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # PRF 22341-B1-C  
EAU ART&SC CHEMISTRY (133-1017) 2,500.00

TOTAL EAU CLAIRE	30,421.00
	=====

INSTRUCTION	27,921.00
RESEARCH	2,500.00

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. ONEIDA TRIBE OF INDIANS OF WISCONSIN		
ONEIDA, WI		
COLLEGE STUDY SKILLS		
GBY PRS&OR DEAN-PR STD,OUTR	(133-R817)	1,612.88

## RESEARCH

1. ONEIDA TRIBE OF INDIANS OF WISCONSIN		
ONEIDA, WI		
ECONOMIC DEVELOPMENT ASSISTANCE TO ONEIDA		
TRIBE OF WISCONSIN		
GBY PRS&OR BUSINESS ADMIN	(133-R786)	2,000.00

## STUDENT AID

1. BUBOLZ, MARGARET NELSON--SCHOLARSHIP (GBY)		
GBY ST AID FEL & SCHOL-AOG	( TRUST )	
25.00	MULTIPLE DONORS	
	BURNS, SUSAN E.	
	LAKE SAINT LOUIS, MO	
420.00	MULTIPLE DONORS	
		445.00
2. WISCONSIN RURAL REHABILITATION CORPORATION		
MADISON, WI		
SCHOLARSHIPS FOR YOUNG PERSONS FROM WISCONSIN		
FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE		
ENROLLED IN THE PROGRAM OF STUDIES FOR A STUDENT		
IN NURSING AT THE BELLIN MEMORIAL HOSPITAL SCHOOL		
OF NURSING		
GBY ST AID FEL & SCHOL-AOG	(133-9574)	738.00
TOTAL GREEN BAY		4,795.88
		=====
INSTRUCTION	1,612.88	
RESEARCH	2,000.00	
STUDENT AID	1,183.00	

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WINNE-FOND LAKE CONSORTIUM  
 OSHKOSH, WI  
 PRIME CONTRACTOR WITH LABOR  
 CENTER FOR CAREER DEVELOPMENT AND EMPLOYABILITY  
 TRAINING TO MOTIVATE AFDC AND GENERAL RELIEF  
 RECIPIENTS  
 FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
 AWARD # 913OWJ  
 OSH EDUC INSTRUCTION (144-4428) 170,000.00
2. WINNE-FOND LAKE CONSORTIUM  
 OSHKOSH, WI  
 PRIME CONTRACTOR WITH LABOR  
 FUNDS TO PROVIDE TESTING AND ASSESSMENT SERVICES  
 FOR WINNE-FOND LAKE'S JOB OPPORTUNITY AND BASIC  
 SKILLS PROGRAM  
 FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
 AWARD # 912OWJ  
 OSH SP&SVS TEST & RES SVCS (144-4429) 24,200.00

GIFT-IN-KIND

1. J. KIM DEDEE  
 OSHKOSH, WI  
 IBM ELECTRONIC MEMORY TYPEWRITER  
 OSH BUS AD

INSTRUCTION

1. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES  
 CHICAGO, IL  
 HEADSTART EXPANSION GRANT  
 FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
 AWARD # 05CH423224  
 OSH EDUC INSTRUCTION (144-4419) 134,243.00
2. THE WINNEBAGO CONFLICT RESOLUTION CENTER, INC  
 OSHKOSH, WI  
 FUNDS TO PROVIDE MEDIATION PROJECT COORDINATOR AND  
 CLERICAL SUPPORT TO THE WINNEBAGO CONFLICT  
 RESOLUTION CENTER  
 FOR THE PERIOD 09-05-90 THROUGH 10-31-90  
 OSH EDUC INSTRUCTION (133-3369) 1,372.00
3. WISCONSIN COULEE REGION COMMUNITY ACTION PROGRAM,  
 INC  
 WESTBY, WI  
 FUNDS TO PROVIDE A ONE-DAY "DEVELOPING PERSONAL  
 POWER" WORKSHOP  
 OSH EDUC INSTRUCTION (133-3370) 497.70
4. KIMBERLY CREDIT UNION  
 KIMBERLY, WI  
 FUNDS TO PROVIDE A "HOW TO GET MORE FROM YOUR  
 BEHAVIORAL WORK STYLE" WORKSHOP  
 FOR THE PERIOD 12-12-90 THROUGH 12-19-90  
 OSH EDUC INSTRUCTION (133-3371) 582.72

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

## RESEARCH

1. RESEARCH CORPORATION  
TUCSON, AZ  
LIGAND TO LIGAND CHARGE TRANSFER TRANSITIONS IN  
MULTINUCLEAR TRANSITION METAL COMPLEXES  
FOR THE PERIOD 12-01-90 THROUGH 12-01-92  
AWARD # C-2988  
OSH L&S CHEMISTRY (133-3372) 17,000.00
2. AMERICAN CHEMICAL SOCIETY  
WASHINGTON, DC  
PETROLEUM RESEARCH FUND GRANT  
FOR THE PERIOD 01-01-91 THROUGH 08-31-92  
AWARD # 23869-B2  
OSH L&S GEOLOGY (133-3373) 10,000.00
3. AMERICAN CHEMICAL SOCIETY  
WASHINGTON, DC  
PETROLEUM RESEARCH FUND GRANT  
FOR THE PERIOD 01-01-91 THROUGH 08-31-93  
AWARD # 23782-B8  
OSH L&S GEOLOGY (133-3374) 19,988.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
FISCAL YEAR 1990-91: PELL GRANT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # PO 63PO7123, MOD. 1  
OSH STU A ED OPPOR GRANTS (148-4814) 1,479,488.00
2. WISCONSIN RURAL REHABILITATION CORPORATION  
MADISON, WI  
FUNDS FOR SPRING SEMESTER SCHOLARSHIPS FOR (4)  
UNDERGRADUATE NURSING STUDENTS  
FOR THE ACADEMIC YEAR 1990-91  
OSH STU A RURAL REHAB GRT (133-3359) 1,476.00

TOTAL OSHKOSH                    1,858,847.42  
=====

EXTENSION AND PUBLIC SERVICE	194,200.00
INSTRUCTION	136,695.42
RESEARCH	46,988.00
STUDENT AID	1,480,964.00

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - PARKSIDE

## INSTRUCTION

1. UW SYSTEM ADMIN  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
PROCESS-ORIENTED SCIENCE MODULES, DWIGHT D.  
EISENHOWER MATHEMATICS AND SCIENCE EDUCATION  
ACT (TITLE II) (\$27,000.00)  
FOR THE PERIOD 12-03-90 THROUGH 12-31-91  
AWARD # AGR. DTD. 12-3-90  
PKS SCI&TE BIO SCI (144-BZ50)
2. UW SYSTEM ADMIN  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
SCIENCE FELLOWS: A PROGRAM TO IMPROVE SCIENCE  
AND QUANTITATIVE SKILLS IN THE ELEMENTARY SCHOOL -  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$35,000.00)  
FOR THE PERIOD 12-03-90 THROUGH 12-31-91  
AWARD # AGR. DTD. 12-3-90  
PKS SCI&TE BIO SCI (144-BZ51)

## MISCELLANEOUS

1. REGIONAL STAFF DEVELOPMENT CENTER  
PKS G E A CHANCELLORS OFF ADMIN (133-M132)
 

560.00	NORTH CAPE CONSOLIDATED SCHOOL DISTRICT FRANKSVILLE, WI
728.00	WASHINGTON-CALDWELL SCHOOL DISTRICT WATERFORD, WI
725.00	WATERFORD STATE GRADED SCHOOL WATERFORD, WI
725.00	WATERFORD UNION HIGH SCHOOL WATERFORD, WI
10,000.00	KENOSHA UNIFIED SCHOOL DISTRICT #1 KENOSHA, WI
540.00	WHEATLAND CENTER JOINT SCHOOL DISTRICT #1 BURLINGTON, WI
665.00	WILMOT GRADE SCHOOL WILMOT, WI
1,584.00	MULTIPLE DONORS
700.00	BRIGHTON NO. 1 SCHOOL DISTRICT KANSASVILLE, WI
15,000.00	RACINE UNIFIED SCHOOL DISTRICT RACINE, WI
2,040.00	RANDALL CONSOLIDATED SCHOOL BASSETT, WI
737.50	JOINT DISTRICT NO. 2 SALEM, WI
1,398.00	TWIN LAKES SCHOOL DISTRICT NO. 4 TWIN LAKES, WI
552.50	WILMOT UNION HIGH SCHOOL DISTRICT WILMOT, WI
540.00	JOINT SCHOOL DISTRICT #1 UNION GROVE, WI
577.50	UNION HIGH SCHOOL UNION GROVE, WI

37,072.50

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - PARKSIDE

## RESEARCH

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
RUI: PURIFICATION OF A KEY ENZYME IN CYTOKININ  
BIOSYNTHESIS  
FOR THE PERIOD 02-01-91 THROUGH 07-31-92  
AWARD # DCB-9018899  
PKS SCI&TE BIO SCI (144-BZ88) 45,000.00
2. J I CASE COMPANY  
RACINE, WI  
CENTER FOR SURVEY AND MARKETING RESEARCH  
PKS SCH BU BUSINESS ACCOUNTING (133-G937) 3,925.00

## STUDENT AID

1. MULTIPLE DONORS  
U.W. PARKSIDE MEMORIAL SCHOLARSHIP FUND (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 10.00
2. DUDYCHA, ART & LINDA  
KENOSHA, WI  
POLCZYNSKI, JAMES J.--SCHOLARSHIP (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 125.00
3. CASE, J.I. COMPANY  
RACINE, WI  
CASE, J.I.--EMPLOYEES BENEFIT-SCHOLARSHIP (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 5,500.00
4. MULTIPLE DONORS  
MUSIC SCHOLARSHIPS  
PKS LIB AR MUSIC (133-C489) 602.25
5. MULTIPLE DONORS  
ART SCHOLARSHIP FUND  
PKS BUS SV FELLOWS & SCHOLS (133-G128) 3,691.00
6. MULTIPLE DONORS  
SAHAG AKGULIAN ENGINEERING SCHOLARSHIP  
PKS BUS SV FELLOWS & SCHOLS (133-J040) 10.00
7. MULTIPLE DONORS  
GEOGRAPHER'S SCHOLARSHIP FUND  
PKS LIB AR GEOGRAPHY GEOPRAPHY (133-R813) 25.00

TOTAL PARKSIDE 95,960.75  
=====

MISCELLANEOUS	37,072.50	
RESEARCH	48,925.00	
STUDENT AID	9,963.25	

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## EXTENSION AND PUBLIC SERVICE

1. IOWA STATE UNIVERSITY  
AMES, IA  
MIXING SUSPENDED GROWTH ANAEROBIC PROCESSES  
FOR THE PERIOD 01-02-91 THROUGH 05-31-91  
AWARD # LTTR  
PLT ENGR CIVIL ENGR (133-0551) 2,000.00

## INSTRUCTION

1. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY, AND  
DEVELOPMENT: A MODEL FOR SCIENCE EDUCATION AT THE  
ELEMENTARY SCHOOL LEVEL  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$33,000.00)  
FOR THE PERIOD 12-01-90 THROUGH 12-31-91  
AWARD # LTTR  
PLT EDUC TEACHING (144-0552)
2. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY AND  
DEVELOPMENT; A MODEL FOR SCIENCE EDUCATION AT THE  
ELEMENTARY SCHOOL LEVEL  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$15,000.00)  
FOR THE PERIOD 12-01-90 THROUGH 12-31-91  
AWARD # LTTR  
PLT EDUC TEACHING (144-0553)
3. GRAVURE EDUCATION FOUNDATION  
NEW YORK, NY  
GRAVURE TECHNOLOGY EDUCATION  
FOR THE PERIOD 09-01-90 THROUGH 08-31-91  
AWARD # LTTR  
PLT B,I&C COMMUNICATIONS (133-0550) 1,850.00

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN-PLATTEVILLE FOUNDATION  
PLATTEVILLE, WI  
PROGRAM SUPPORT  
AWARD # 4548-49, 52, 10712-14, 16  
PLT G E A ASST CHAN-DEV&SV (133-0549) 34,429.69

TOTAL PLATTEVILLE 38,279.69

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EXTENSION AND PUBLIC SERVICE	2,000.00
INSTRUCTION	1,850.00
MISCELLANEOUS	34,429.69



GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

UNIVERSITY OF WISCONSIN - RIVER FALLS

STUDENT AID

1. ALBERT, RONALD D.		
WHITE BEAR LAKE, MN		
UW-FALLS THEATRE SCHOLARSHIP (RVF)		
RVF ART&SC SPEECH	( TRUST )	25.00
	TOTAL RIVER FALLS	25.00
		=====
STUDENT AID	25.00	

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
EXTENSION OF JOB PLACEMENT ACTIVITIES  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
STO ED&H S ST VOC REHAB IN VOC DEV C (144-0838) 22,600.00
2. WI DIVISION OF VOCATIONAL REHABILITATION--LACROSSE  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
FUNDS TO PROVIDE REHABILITATION TECHNOLOGY  
SERVICES IN THE LACROSSE AREA  
FOR THE PERIOD 11-01-90 THROUGH 09-30-91  
STO ED&H S ST VOC REHAB IN PR INDUST (144-1640) 30,000.00
3. JOHNSON ELECTRIC COIL COMPANY  
ANTIGO, WI  
FUNDS TO DEVELOP A MANUFACTURING CELL OR CELLS  
TO PRODUCE TRANSFORMERS FOR NEW PRODUCT LINE  
FOR THE PERIOD 11-01-90 THROUGH 06-30-91  
STO I&TECH CTR INVTN&DEVEL (133-1340) 9,328.00
4. HECTOR M. PEREZ  
RIVER FALLS, WI  
FUNDS TO REDESIGN PROPOSED BOXES TO IMPROVE  
MANUFACTURABILITY  
FOR THE PERIOD 10-15-90 THROUGH 12-15-90  
STO I&TECH CTR INVTN&DEVEL (133-1360) 953.00

## GIFT-IN-KIND

1. GOLDEN VALLEY COUNTRY CLUB, INC.  
GOLDEN VALLEY, MN  
SAMPLE WINES TO BE USED FOR A CLASS IN THE  
DEPARTMENT OF HABITATIONAL RESOURCES  
STO H ECON
2. 3M COMPANY  
ST. PAUL, MN  
FILM AND PLATE CHEMISTRY, COLOR PROOFING  
MATERIALS, OFFSET PRINTING PLATES, AND OFFSET  
PRINTING BLANKETS  
STO I&TECH
3. DUPONT - IMAGING SYSTEMS DEPARTMENT  
WILMINGTON, DELAWARE  
280 QUARTS OF RAPID ACCESS DEVELOPER CONCENTRATE,  
40 GALLONS OF DUPONT FIXER, AND 2 BOXES OF SCANNER  
FILM FOR A LASER SCANNER  
STO I&TECH
4. PRINTING RESEARCH, INC.  
DALLAS, TX  
"SUPER BLUE" DELIVERY CYLINDER FOR A SINGLE-COLOR  
OFFSET PRESS  
STO I&TECH

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

5. THE TIME INC. MAGAZINE CO.  
WATERLOO, WI  
MODEL 328 X-RITE REFLECTION DENSITOMETER AND MODEL  
61 X-RITE SMART REFLECTION DENSITOMETER WITH RS  
232 AND PRINTER  
STO I&TECH
6. IBM  
TUCSON, AR  
ONE CASSETTE DATA TAPE RECORDER  
STO I&TECH

## INSTRUCTION

1. AMERICAN SAMOA GOVERNMENT  
PAGO PAGO, AMERICAN SAMOA  
IN-SERVICE TRAINING PROGRAM FOR APPLIED TECHNOLOGY  
PERSONNEL ON TECHNOLOGY EDUCATION  
FOR THE PERIOD 08-15-90 THROUGH 08-27-90  
STO I&TECH COMM ED & TR (133-1290) 7,014.00

## MISCELLANEOUS

1. STOUFFER HOTELS  
SOLON, OH  
FUNDS FOR PRECOLLEGIATE PROGRAMMING  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO G E A STU AFF & COUNSL ETHNIC PRG (133-1135) 500.00

## RESEARCH

1. REHABILITATION INSTITUTE RESEARCH CORPORATION  
CHICAGO, IL  
PRIME CONTRACTOR WITH DED  
REHABILITATION SERVICES SPECIAL PROJECTS-  
MIDWEST REGIONAL HEAD INJURY CENTER FOR  
REHABILITATION AND PREVENTION  
FOR THE PERIOD 12-01-90 THROUGH 11-30-91  
STO ED&H S ST VOC REHAB IN RES&TRNG C (144-1655) 36,626.00
2. STEPHEN S. YU  
DALY CITY, CA  
FUNDS TO SPONSOR A GRADUATE ASSISTANTSHIP  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO I&TECH TECHNOLOGY (133-1335) 10,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
FISCAL YEAR 1990-91: PELL GRANT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AT A TOTAL COST OF \$3,270,952.00  
STO ST AST BEOG PROGRAM (148-0760) 400,335.00

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - STOUT

## STUDENT AID

2. SCHOLARSHIP FUNDS FOR THREE STUDENTS ENROLLED IN  
THE HOTEL AND RESTAURANT MANAGEMENT PROGRAM  
1990-91  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO H ECON SCH-HOME EC ADM (133-0298)

8,118.00	WISCONSIN RURAL REHABILITATION CORPORATION VERONA, WI
3,000.00	THE STOFFER CORPORATION OLON, OH
5,500.00	WISCONSIN INNKEEPERS ASSOCIATION MILWAUKEE, WI

16,618.00

3. AMERICAN APPAREL EDUCATION FOUNDATION, INC  
ARLINGTON, VA  
SCHOLARSHIP FUNDS TO BE AWARDED TO STUDENTS  
MAJORING IN APPAREL DESIGN/MANUFACTURING IN  
1990-91  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
STO H ECON SCH-HOME EC ADM (133-0326) 4,125.00

TOTAL STOUT 538,099.00

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EXTENSION AND PUBLIC SERVICE	62,881.00
INSTRUCTION	7,014.00
MISCELLANEOUS	500.00
RESEARCH	46,626.00
STUDENT AID	421,078.00

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - CENTERS

## GIFT-IN-KIND

1. JOEL RODNEY  
WEST BEND, WI  
UNITED'S BETA SHUFFLE BOARD--ALLEY BOWLING WITH A  
PUCK  
CNS WASH STUDENT AFFAIRS STU ACTIV
2. JOEL RODNEY  
WEST BEND, WI  
"HANDBOOK OF ACADEMIC EVALUATION" BY PAUL DRESSEL  
CNS WASH LIBRARY ADMIN
3. JACK & BARBARA CHRISTENSEN  
MENOMONIE, MI  
BABY GRAND PIANO  
CNS MARIN MUSIC
4. MRS. ANITA SCHULTZ  
WAUKESHA, WI  
THIRTY-EIGHT MISCELLANEOUS BOOKS  
CNS WAUK LIBRARY LIB ACQUIS
5. FAYE FLESIA  
WAUKESHA, WI  
SIX MISCELLANEOUS BOOKS  
CNS WAUK LIBRARY LIB ACQUIS
6. PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
FOUR MISCELLANEOUS BOOKS  
CNS WAUK LIBRARY LIB ACQUIS

## INSTRUCTION

1. WISCONSIN DEPARTMENT OF CORRECTIONS  
MADISON, WI  
PREP PROGRAM  
CNS SYS SV INSTRNL SERVICES PREP PROG (133-R748) 35,800.00

## MISCELLANEOUS

1. MULTIPLE DONORS  
UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40) 200.00
2. MULTIPLE DONORS  
DRAMA DONOR FUND  
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410) 150.00
3. INSTRUCTION IMPROVEMENT GENERAL ACCOUNT  
CNS SHEBOY (133-N497)

600.00 HILLMAN CONSULTING SERVICES, INC.  
WEST BEND, WI  
499.00 MULTIPLE DONORS

1,099.00

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - CENTERS

## MISCELLANEOUS

4.	CLYDE F. SCHLUETER FOUNDATION, INC. WAUSAU, WI DEAN'S DISCRETIONARY ACCOUNT CNS MARATH ADMINISTRATION	(133-N834)	2,000.00
5.	MULTIPLE DONORS WOOD COUNTY SYMPHONY CNS MARSH STUDENT AFFAIRS WOOD SYMPH	(133-P173)	3,810.00
6.	GEORGIA JENSEN MARINETTE, WI DEAN'S DISCRETIONARY ACCOUNT CNS MARIN	(133-Q118)	714.00

## STUDENT AID

1.	UNIVERSITY OF WISCONSIN SHEBOYGAN COUNTY FOUNDATION, INC. SHEBOYGAN, WI SCHOLARSHIPS FOR UWC-SHEBOYGAN COUNTY STUDENTS CNS SHEBOY STUDENT AFFAIRS FELL & SCH	(133-N240)	250.00
2.	FRIENDS OF THE CAMPUS BARABOO, WI CAMPUS STUDENT SCHOLARSHIPS CNS B-SAUK STUDENT AFFAIRS FELL & SCH	(133-P347)	2,232.78
3.	UNIVERSITY OF WISCONSIN-MARATHON COUNTY FOUNDATION WAUSAU, WI SCHOLARSHIPS CNS MARATH STUDENT AFFAIRS FELL & SCH	(133-P661)	6,571.04
4.	FOND DU LAC UNIVERSITY OF WISCONSIN CENTER FOUNDATION, INC. FOND DU LAC, WI SCHOLARSHIPS CNS FD LAC STUDENT AFFAIRS FELL & SCH	(133-P722)	250.00
5.	BARRON COUNTY CAMPUS FOUNDATION, INC. RICE LAKE, WI FOUNDATION SCHOLARSHIPS CNS BARRON STUDENT AFFAIRS FELL & SCH	(133-P731)	256.32

TOTAL CENTERS	53,333.14
	=====

INSTRUCTION	35,800.00
MISCELLANEOUS	7,973.00
STUDENT AID	9,560.14

GIFTS, GRANTS AND CONTRACTS  
FEB 8, 1991

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. SMALL BUSINESS ADMIN  
WASHINGTON, DC  
SMALL BUSINESS DEVELOPMENT CENTER PROGRAM  
FOR THE PERIOD 01-01-91 THROUGH 12-31-91  
AWARD # SB-2M-00053-11  
EXT G EXT BUS PROG ADMIN BUS PR ADM (144-BZ20) 1,326,000.00
2. CLARK COUNTY  
NEILLSVILLE, WI  
STUDY GROUNDWATER, SOIL AND GEOLOGIC RESOURCES  
OF WISCONSIN COUNTIES  
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-M613) 4,900.00
3. WISCONSIN EXTENSION HOMEMAKERS COUNCIL, INC.  
WAUTOMA, WI  
SUPPORT OF FCL PROJECT  
EXT COOP E FAMILY LIV'G ED FAM LIVNG (133-N307) 3,800.00
4. MONROE COUNTY  
SPARTA, WI  
COUNTY SUPPORT FOR 4-H AND YOUTH DEVELOPMENT  
AGENT FOR MONROE COUNTY FOR THE PERIOD 01-01-90  
THRU 06-30-91  
EXT COOP E CO&AREA OFC-WEST CO OFC-WES (133-Q283) 39,839.00
5. WASHINGTON COUNTY  
WEST BEND, WI  
COUNTY SUPPORT FOR VARIOUS EXTENSION AGENTS FOR  
THE PERIOD 01-01-91 THRU 06-30-91  
EXT COOP E CO&AREA OFC-S E CO OFC-S E (133-R767) 39,520.00

## MISCELLANEOUS

1. KESKE, ELDORA E.  
MADISON, WI  
ALPHA SIGMA--ESP GRANT FUND (EXT)  
EXT COOP E BUDGET & FIN OFF ( TRUST ) 20.00
2. JOURNAL OF EXTENSION  
MADISON, WI  
ADMINISTRATIVE SUPPORT FOR THE JOURNAL OF  
EXTENSION  
EXT COOP E JRNL OF EXT (133-R780) 67,883.00

## STUDENT AID

1. FIRST WISCONSIN-MADISON  
MADISON, WI  
COMSTOCK, WILLIAM T.--4-H MERIT AWARD (EXT)  
EXT COOP E 4H-YOUTH DVLPMT 4H-YTH DEV ( TRUST ) 733.57
2. KESKE, ELDORA E.  
MADISON, WI  
ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT)  
EXT COOP E BUDGET & FIN OFF ( TRUST ) 20.00

TOTAL EXTENSION 1,482,715.57  
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EXTENSION AND PUBLIC SERVICE	1,414,059.00
MISCELLANEOUS	67,903.00
STUDENT AID	753.57

FEBRUARY 8, 1991  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 12-29-90 THROUGH 01-18-91

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY.	PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
SYSTEM ADMINISTRATION	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTERS	-0-	35,800	-0-	7,973	-0-	-0-	-0-	9,560	-0-	53,333
EAU CLAIRE	-0-	27,921	-0-	-0-	-0-	-0-	2,500	-0-	-0-	30,421
EXTENSION	1,414,059	-0-	-0-	67,903	-0-	-0-	-0-	754	-0-	1,482,716
GREEN BAY	-0-	1,613	-0-	-0-	-0-	-0-	2,000	1,183	-0-	4,796
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	44,791	37,500	69,030	1,096,688	265,000	13,506,584	279,746	14,719	15,314,058	
MILWAUKEE	-0-	4,000	-0-	1,921	-0-	634,101	10,812	-0-	650,834	
OSHKOSH	194,200	136,695	-0-	-0-	-0-	46,988	1,480,964	-0-	1,858,847	
PARKSIDE	-0-	-0-	-0-	37,073	-0-	48,925	9,963	-0-	95,961	
PLATTEVILLE	2,000	1,850	-0-	34,430	-0-	-0-	-0-	-0-	38,280	
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	25	-0-	25	
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
STOUT	62,881	7,014	-0-	500	-0-	46,626	421,078	-0-	538,099	
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
 TOTAL FEB 1991	 1,717,931	 252,393	 69,030	 1,246,487	 265,000	 14,287,724	 2,214,086	 14,719	 20,067,370	
PREVIOUSLY REPORTED	11,365,319	14,273,232	1,181,319	14,905,791	3,370,658	145,211,443	63,098,041	54,348	253,460,152	
GRAND TOTAL	13,083,251	14,525,625	1,250,349	16,152,278	3,635,658	159,499,167	65,312,126	69,067	273,527,522	
 TOTAL FEB 1990	 1,693,937	 637,241	 60,036	 2,467,192	 5,015	 21,920,870	 3,003,717	 12,011	 29,800,021	
PREVIOUSLY REPORTED	10,529,067	12,434,736	979,103	10,193,121	680,997	123,013,996	62,112,723	194,907	220,138,649	
GRAND TOTAL	12,223,004	13,071,978	1,039,140	12,660,314	686,012	144,934,866	65,116,440	206,918	249,938,670	
 FEDERAL TOTAL FEB 1991	 1,572,800	 162,164	 -0-	 88,412	 -0-	 10,215,584	 2,045,073	 -0-	 14,084,033	
PREVIOUSLY REPORTED	2,316,419	12,573,695	28,355	2,554,746	943,878	99,834,506	60,130,710	-0-	178,382,309	
FEDERAL GRAND TOTAL	3,889,219	12,735,859	28,355	2,643,158	943,878	110,050,090	62,175,783	-0-	192,466,341	
 FEDERAL TOTAL FEB 1990	 1,448,628	 428,572	 -0-	 411,613	 -0-	 16,483,329	 2,544,222	 -0-	 21,316,363	
PREVIOUSLY REPORTED	3,009,351	11,065,347	319,661	2,298,008	663,247	77,594,784	59,360,744	-0-	154,311,142	
FEDERAL GRAND TOTAL	4,457,979	11,493,919	319,661	2,709,621	663,247	94,078,113	61,904,966	-0-	175,627,505	



## F. UW-PLATTEVILLE:

1. 1987-89 Primary Electrical Distribution Repairs (8904-28)	
a) <u>General</u> : Maryville Construction Co., Inc.; Hazel Green	\$ 58,400
b) <u>Electrical (Excluding Doudna Hall)</u> : Westphal and Co., Inc.; Janesville	1,016,416
b) <u>Electrical (Doudna Hall)</u> : Thomas Electric Service, Inc.; Marshfield	75,000
c) <u>Total Contracts</u> :	<hr/> \$1,419,816
2. 1989-91 Boebel Hall Window Replacement (8911-25)	
a) <u>All Work</u> : Zephyr Aluminum Products; Dubuque, IA	\$ 87,884
3. 1989-91 Dairy Center Maternity Cow Barn Asbestos Removal (9009-18)	
a) <u>All Work</u> : Miller Asbestos Abatement Corp.; Madison	\$ 4,995

## G. UW-WHITEWATER:

1. 1989-91 Mail and Duplicating Center (9006-64)	
a) <u>General</u> : McIntyre Construction; Beloit	\$ 48,250
b) <u>Plumbing</u> : H. J. Pertzborn Plumbing and Heating; Madison	2,600
c) <u>HVAC</u> : All Mechanical Contractors, Inc.; Milton	17,583
d) <u>Electrical</u> : J & D Electric; Randolph	15,334
e. <u>Fire Protection</u> : United Mechanical, Inc.; Racine	5,683
f. <u>Total Contracts</u> :	<hr/> \$ 89,450

2/91

II-1  
III-1

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

None.

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

✓ *Dane County Head Start*  
A) ~~A renewal of Memorandum of Understanding has been signed with Dane County Head Start and the School of Education, Department of Educational Psychology covering the 1990-91 academic year. The Departmental Psychoeducation Clinic will provide mental health consultation services to Dane County Head Start and, at the same time, provide an essential training experience for students in the Department's graduate program.~~ *Nonpare Item A*

✓ *Athletics*  
B) The UW-Madison Vice Chancellor for Administration transmitted on December 27, 1990, on behalf of the Board of Regents, ~~a Agreement of record with the Bradley Center Corporation effective December 6, 1990 for the "Bank One Badger Hockey Showdown" which took place on December 28-30, 1990, in Milwaukee,~~ *Nonpare, Item B*

✓ *Legislative Audit Bureau - Contract with*  
C) ~~A Contract for Audit Services has been entered into by and between the State of Wisconsin Legislative Audit Bureau and the University of Wisconsin System. The purpose of this contract is to provide auditing services requested by the System to meet the audit requirements established by the Federal Office of Management and Budget in Circular A-133. The contract period is effective from December 14, 1990 until November 30, 1992.~~ *for Nonpare, Item C*

### D) University of Wisconsin Press Agreements:

Gustav Bergmann NEW FOUNDATIONS OF ONTOLOGY

Sandra Pouchet Paquet WEST INDIAN AUTOBIOGRAPHY

Gregory Schrempf MAGICAL ARROWS: Zeno, the Maori, and the Folklore of the Universe

✓ On signature of the Vice Chancellor for Administration, UW-Madison the following leases have been renewed.

*3200 sq ft Land - Leases for*  
Lessee: Howard Kirchner  
University: University of Wisconsin - Madison  
Lessor: Board of Regents of the University of Wisconsin System  
Location: *Residence #2 at the USDA Dairy Forage Research Center*  
Lease term: November 1, 1990 to June 30, 1992  
Annual rental: \$201.00 per month  
Purpose: Agricultural Research Station Employee Residence

Lessee: University of Wisconsin Credit Union  
 University: University of Wisconsin - Madison  
 Lessor: Board of Regents of the University of Wisconsin System  
 Location: Room J5/117 Clinical Sciences Center, 600 Highland Avenue → *SC*  
 Size: 198.5 square feet  
 Lease term: July 1, 1990 to June 30, 1995 → *(UW Cr. Union) and*  
 Annual rental: \$1,428.19 per quarter  
 Purpose: University of Wisconsin Credit Union

Lessee: Gregory D. Boyer and Tami B. Carpenter  
 University: University of Wisconsin - Madison  
 Lessor: Board of Regents of the University of Wisconsin System  
 Location: 1207 Seminole Highway, Madison (*Arboretum caretaker*) *Nonper*  
 Lease term: January 1, 1991 to December 31, 1992  
 Annual rental: \$0 (Act as Arboretum Caretaker) *Items,*  
 Purpose: Residence for Arboretum Caretaker *pp 1-2*

✓ On signature of the Assistant Chancellor at UW-Stout the following lease has been executed.

*UW-Stout - Bldgs & Land - Lease at*

Lessee: Board of Regents of the University of Wisconsin System  
 University: University of Wisconsin - Stout  
 Lessor: Barron County  
 Location: 12 W. Marshall Street, Rice Lake, WI (Marshall Twelve Bldg.) *Nonper*  
 Size: Approximately 293 square feet  
 Lease term: January 1, 1991 to December 31, 1991  
 Annual rental: \$222.00 per month  
 Purpose: Office space *Items, p. 2*

UW-LA CROSSE  
REPORT OF ACADEMIC SUPPORT SERVICES AGREEMENT  
TO THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM  
July 1, 1990, through January 31, 1991

<u>Contractors Name</u>	<u>Date</u>	<u>Description</u>
Ondell Management Inc.	7/11/90	Provide executives from within the Corporation to conduct regular University courses and explain their experience in the world of business. Semester I, 1990-91
Norplex Oaks	11/14/90	Provide executives from within the Corporation to conduct regular University courses and explain their experiences in the world of Business. Semester II, 1990-91.