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## **Minutes of the annual meeting of the Board of Regents of the University of Wisconsin System: June 10, 1988. 1988**

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

Madison, Wisconsin

June 10, 1988

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MINUTES OF THE ANNUAL 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, June 10, 1988  
9:00 a.m.

- President Weinstein presiding -

PRESENT: Regents Davis, Doughty Luckhardt, Fish, Flores, Gerrard, Grover,  
Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling,  
Vattendahl and Weinstein

ABSENT: Regents Clusen and Heckrodt

Approval of Minutes

Minutes of the regular meeting of the Board of Regents held on May 6, 1988, were unanimously approved, upon motion by Regent Nikolay, seconded by Regent Flores.

*Weinstein, Lawrence*

REPORT OF THE PRESIDENT OF THE BOARD

*new card*  
Report by Regent President Weinstein: Progress and Challenge, pp 1-2. *EX A*

*Xref Progress & Challenge - (same)*  
Referring to his written report to the board, *Progress and Challenge* (EXHIBIT A), Regent President Weinstein made the following statement: "The report details some of the initiatives taken these past two years and sets out some challenges for the future. I would like to summarize briefly, however, what I believe was accomplished these past two years and extend thanks and credit to people who deserve both, more than I would be able to put into words.

"First, under President Shaw's strong leadership and the board's resolve, merger, in my opinion, is essentially now complete. Secondly, we took twelve major steps to preserve and enhance the quality of the institutions in our system. Third, we took at least four giant steps forward to improve access for minority and economically disadvantaged students, UW Center graduates, VTAE students, and minority and women faculty. Fourth, we worked closely with students to involve them more in decision making, including the selection of chancellors. I believe we have listened carefully to their suggestions and have incorporated into our own resolutions many of those suggestions.

"None of this would have been possible, of course, without the dedicated board. I salute each of you individually, and I want to assure you and those who come after that serving as the president of this board is a unique honor.

"A special thanks is due to President Shaw, Executive Vice President Lyall, Vice Presidents Bornstein, Trani, Brown, Case and Acting Vice President Marnocha, Regent Secretary Temby and their staffs. They are an unusually talented group of professionals. They make a board and its president look good, because they are so good at what they do. And last, but certainly not least, to the campus administrators, the faculty and the staff and the students. You extended to me over these past two years courtesies beyond the call of duty. You helped me better understand the magnificent system of public higher education in this state. It is without a doubt--I am convinced more now than ever before--that the UW System is Wisconsin's most important asset. And I will spend the remainder of my term on this board doing what I can to make it even better."

*Regents Officers - President? - Election of Regent Paul Schilling as Board President, pp 2-3*

Election of Board Officers

*Schilling, Paul R. - Elected President of the Board, pp 2-3*  
President

Nominating Regent Paul R. Schilling for the office of President of the Board of Regents, Regent Flores made the following statement: "All of us know that Paul Schilling has been vice president of this board for the last two years, where he has served admirably. Some of us may not be aware that he has served in other leadership positions on this board, including chair of the Education Committee for three years. As a regent, he has served with distinction, on behalf of the students and faculty and the people of the State of Wisconsin. He has been an effective and enlightened leader, and I think that as president he will be the same. It is a pleasure for me to nominate as President of the Board of Regents, Regent Vice President Paul Schilling. I think that he will be a president who, in the true sense of shared governance, will help lead the University of Wisconsin System to greater heights, keeping in mind the needs of students, faculty and staff, and most importantly, all of the people of the State of Wisconsin."

Regent Hassett seconded the nomination.

There being no further nominations, Regent Nikolay moved that the rules be suspended and that the secretary be instructed to cast a unanimous ballot for Regent Schilling as President of the Board of Regents. The motion was seconded by Regent Nicholas and unanimously carried.

Presenting the gavel of office to Regent Schilling, Regent Weinstein stated: "It is an unusual pleasure for me to turn this gavel of office over to you. There are two points that I want to add to the accolades. First, it is obvious by the vote that you have just received that this board has the utmost confidence in your leadership. Second, you have the confidence of the executive branch of government in this state. You were reappointed to this board, which is an exceptional honor. With those two additions, I want to give you the gavel of this office. I know that you will exercise it with the leadership qualities you have already demonstrated. Let me assure you that you have my personal best wishes and my personal commitment to cooperation and support."

Regent President Schilling made the following statement: "It is a great honor to be elected your president. If you look at the portraits on the wall of the eight presidents, I have had the good fortune to know four of them--Bert Grover, Joyce Erdman, Dave Beckwith, Ben Lawton. It is indeed humbling to think that I now must strive to demonstrate the high caliber of leadership of those people and the others with whom I did not have the good fortune to serve. There is one President whose portrait is not yet on the wall. A couple of years ago when Laurence Weinstein sought the presidency, there were some people who thought his direct manner and impatience for achievement might be a little unsettling. They were right. It was a little unsettling. But unsettling is far from synonymous with counterproductive. As his report indicates, he has been extremely productive. This board has been extremely productive. It is going to be a very difficult act to follow.

"Seven years ago, when I was first appointed to the board, the system was a loose confederation of 26 institutions. As was said a few minutes ago, merger now is close to complete. I think a first priority and a continuing priority is to make sure that it not only be completed, but preserved and enhanced. During my seven years on the board, this board always has been nonpartisan, very deliberate and patient with shared governance and in other regards, in its approach to its responsibilities. It is certainly my goal that this board stay nonpartisan and deliberate and patient. We have already set an agenda, through the *Planning the Future* report, developed with Regent Fish's leadership. There is much that yet needs to be done to complete that work and to implement the strategic plan. I think it has to be our goal to place that as a high priority.

"Other specific agenda items will come in the next months, as we consult together to formulate our agenda. Certainly, I look forward to speaking with President Shaw at length concerning his plans for the next year. One could not assume this position without, at the outset, saying how remarkable it is that we have the president that we have in Buzz Shaw. It makes the job of the board much easier, and I truly look forward to working with him in trying to accomplish our mutual objectives.

"Thank you for the confidence that you have shown in me. The University of Wisconsin System is a most treasured asset of this state, and I pledge to work hard with all of you toward making sure that we keep our system great."

*Weinstein, Laurence*

- President Schilling presiding -

Resolution of Commendation: Regent Weinstein, R4066, pp 3-4

Regent Grover presented the following resolution of commendation to Regent Weinstein:

Resolution 4066: Whereas, Laurence A. Weinstein is retiring from the office of President of the Board of Regents of the University of Wisconsin System, having served with distinction for two terms, beginning in June 1986; and

Whereas, he has provided strong and effective leadership to the Board and to the UW System, vigorously pursuing completion of the merger process; enhancement of shared governance; maintenance of quality; and focusing and strengthening our missions of teaching, research and public service; and

Whereas, among the major accomplishments of the past two years were adopting and implementing *Planning the Future* -- the broad-range strategic plan to revitalize and reshape the UW System for the 21st Century; improving and expanding our links with the Department of Public Instruction and the Vocational, Technical and Adult Education System; continuing the process of strengthening the role of Extension; and adopting initiatives to improve educational opportunities for minorities; and

Whereas, as Regent President, Laurence A. Weinstein played a key role in advancing these and other important policies which will be of lasting benefit to the University of Wisconsin System;

Therefore, be it resolved that the Board of Regents hereby commends Laurence A. Weinstein for his distinguished service as Regent President and expresses deep appreciation for the significant contributions he has made to higher education in Wisconsin.

Regent Grover stated: "On behalf of the board, we thank you. Hopefully, this resolution will remain a constant reminder to you of the gratitude that we all express today for the dedication and service that you have given to higher education in Wisconsin and for the dedication you have given to the whole education community of Wisconsin."

Regent President Schilling presented to Regent Weinstein a plaque inscribed as follows: "In appreciation for distinguished service, Laurence A. Weinstein, President, University of Wisconsin System Board of Regents, 1986-1988."

*Regent Officers - Regent Thomas Lyon elected Vice President, pp 4-5*  
Vice President

Nominating Regent Thomas L. Lyon for the office of Vice President of the Board of Regents, Regent Fish stated: "He has been a strong regent. He has been chairman of the Business and Finance Committee and has done an excellent job on that committee. He has demonstrated to me, and I believe to the rest of the regents, capability for leadership in that position. Therefore, I am very pleased to present the nomination of Tom Lyon as Vice President of the University of Wisconsin System Board of Regents."

*x ref Lyon, Thomas - Elected Vice President of Board, pp 4-5*  
The nomination was seconded by Regent Nikolay.

There being no other nominations, Regent Nikolay moved that the nominations be closed and that the secretary be instructed to cast a unanimous ballot for Regent Lyon as Vice President of the Board of Regents. The motion was seconded by Regent Weinstein and carried unanimously.

Regent Vice President Lyon made the following statement: "I was certainly flattered when President Schilling asked if I would accept an officer role in his administration, and I am most appreciative of the support that the regents have extended to me through this process. In many conversations with President Schilling, I have found that we are very close in our ideas about programming, goals and objectives of the University System. I have had the opportunity to provide input into his statements from time to time; I concur in his assessment of the needs and the approach; and I certainly look forward to working with him. In my experience on this board, I have been impressed by the manner in which the Board of Regents and the central administration have been able to systematically and satisfactorily resolve some very critical societal issues. The trauma has been minimal; and I believe that a strong public trust for this University System has been enhanced in recent years. I look forward to a role in continuing that working environment, and I thank you for your support."

*✓ Regent Officers - Judith Temby reelected Board Secretary, p. 5*  
*x ref Temby, Judith - Reelected Board Secretary, p. 5*  
Secretary

Regent Weinstein nominated Judith A. Temby for reelection as Secretary of the Board of Regents. The nomination was seconded by Regents Flores and Hanson.

Upon motion by Regent Nikolay, seconded by Regent Grover, it was unanimously voted that nominations be closed and that a unanimous ballot be cast for Judith Temby as Secretary of the Board of Regents.

*✓ Regent Officers - Marlene Alsmo reelected Board Asst. Secy, p. 5*  
*x ref Alsmo, Marlene - Reelected Board Asst. Secy, p. 5*  
Assistant Secretary

Regent Grover nominated Marlene G. Alsmo for reelection as Assistant Secretary of the Board of Regents and the nomination was seconded by Regent Weinstein.

Upon motion by Regent Nikolay, seconded by Regent Fish, it was unanimously voted that nominations be closed and that a unanimous ballot be cast for Marlene Alsmo as Assistant Secretary of the Board of Regents.

*✓ Regent Officers - Fred Poellnitz elected Bd. Trust Officer, p. 5*  
*x ref Poellnitz, Fred D. Jr. - Elected Board Trust Officer, p. 5*  
Trust Officer

Regent Davis nominated Vice President Designate Fred D. Poellnitz, Jr. for the office of Trust Officer of the Board, effective July 1, 1988, and the nomination was seconded by Regent Nicholas.

Upon motion by Regent Nikolay, seconded by Regent Fish, it was unanimously voted that nominations be closed and that a unanimous ballot be cast for Fred Poellnitz as Trust Officer of the Board of Regents, effective July 1, 1988.

President Schilling noted that, under the bylaws, Acting Vice President Marnocha would continue to serve as trust officer until Mr. Poellnitz took office July 1.



Regent - Officers

Assistant Trust Officers

Regent Weinstein nominated Charles J. Stathas and David M. Konshak for reelection as Assistant Trust Officers of the Board of Regents. The nomination was seconded by Regent Davis.

Stathas, Charles J. - Re-elected Asst Trust Officer of the Board, p. 6

Upon motion by Regent Nikolay, seconded by Regent Nicholas, it was unanimously voted that nominations be closed and that a unanimous ballot be cast for Charles Stathas and David Konshak as Assistant Trust Officers of the Board of Regents.

Konshak, David M. - (same)

Regent - Committees - Reports

Report of the Ben R. and Ruth M. Lawton Scholarship Fundraising Committee p. 6

Regent Hanson, co-chair of the Ben R. and Ruth M. Lawton Scholarship Fundraising Committee, reported that, at its meeting the previous day, the committee was advised that receipt of gifts and pledges totaled \$216,699 toward the goal of \$250,000. Gifts totaled \$128,768, while outstanding pledges totaled almost \$88,000. Regents Hanson and Heckrodt, as co-chairs, were to receive a final report in January 1989 as to the progress of the fundraising campaign. While most contributions had been made, it was expected that some additional funds would be received beyond the pledges that were due. The largest group of contributors had been the University Hospital practice groups, with total pledges amounting to \$115,000.

The details of selecting and awarding of scholarships were now being developed, with the first scholarship scheduled to be awarded to a first-year medical student in the fall of 1989, in the amount of \$10,000.

In conclusion, Regent Hanson stated: "It has been a successful campaign. I hope Ben would have been proud of how this has progressed, and Ruth is very pleased with the whole concept."

Finlayson, Regent Edith - Receipt of Honorary Doctor of Public Service Degree from UW-Milwaukee, p. 6

UW-Milwaukee - Conferral of Honorary Doctor of Public Service Degree to Regent Emeritus Edith Finlayson, p. 6

Report of the President of the Board

Regent Weinstein reported on the awarding of an Honorary Doctor of Public Service Degree to Regent Emeritus Edith Finlayson, at the UW-Milwaukee commencement on May 14.

Grants - Grant

Secondly, Regent Weinstein reported on receipt of a grant funded by dairy farmers to UW-Madison for dairy industry research. One of six universities to receive such a grant, the first installment to UW-Madison was \$500,000. It was a good example, he observed, of the private and public sectors working together with legislative endorsement.

p. 6

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

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

Resolution 4067: 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.

*Research Parks* →

→ Presentation on UW-Madison Research Park, pp 7-11

Introducing the presentation, Chancellor Shalala noted the compatibility of university research parks with the commitment of great research universities to technology transfer and economic development. Special functions of such parks included providing a site for encouraging the growth of young companies and particularly for companies which could benefit from close relationships with a campus. While such relationships often were formal, many companies attracted to research parks simply wished to interact with university experts on a part-time, informal basis. Research parks also offered an opportunity for universities and their states to compete for major research grants, an example of which was Wisconsin's recent bid for Sematech, which involved coordinated efforts by UW-Madison, the UW System, the private sector and the state.

Indicating that the strongest market for UW-Madison's Research Park would be national or international companies looking for research outposts, the chancellor added that the university's strong research orientation in a variety of science areas would attract these kinds of research outposts.

She then introduced Mr. Wayne McGown, chief of staff for the Research Park. Mr. McGown presented a video which had been produced and distributed through alumni donations. To date, 180 companies had seen the video, which was designed to inform firms about the Research Park, UW Madison, the City of Madison and the state.

The video included the following points:

- The UW-Madison is the third largest research-funded university in the country.
- UW researchers were bringing in over \$200 million a year in extramural funding.
- The research park would be fully landscaped, with reflecting pools and shade trees. Of its 325 acres, more than half were earmarked for research.
- Faculty groups had been established to help businesses obtain full benefits from their association with the university.

- Firms could construct their own facilities in the Research Park or could rent, with an option to buy. Rental space would include modern complexes of multi-tenant buildings to meet needs ranging from offices to wet labs, or an entire building could be designed to meet a company's specifications.
- Occupants of the park included Warzyn Engineering, Persoft, Hazelton Laboratories, Hospital Corporation of America and CUNA Mutual Insurance.
- Consortia had been developed to keep ideas flowing between the university and business community. For over 25 years, the university/industry research program had helped business keep abreast of new research in areas of special interest--biomedical, biotechnology, business, energy, environmental, manufacturing, materials, microelectronics, and social science.

Chancellor Shalala presented James Morgan, President of the Wisconsin Taxpayers Alliance, and a member of the Research Park Board of Directors. Of the nine members of the Research Park Board, seven were leaders in the business community and two--herself and former Chancellor Irving Shain--were from the academic community.

Mr. Morgan noted that, under the articles of incorporation, the chancellor of UW-Madison was automatically a member of the board and by tradition had been the president of the corporation. The articles also provided for a member of the Board of Regents to be a member of the board of directors. The purpose of the nonprofit corporation, as stated in resolutions adopted by the Board of Regents in 1983 and in 1984, was to maximize a long-term endowment for the university. The park board of directors reviewed applications for location in the park and had turned down many because they did not meet the criteria established for furthering that goal. With the exception of the sale to CUNA Mutual, land was to be leased and not sold. The policy was to establish prices consistent with fair market value, with an appraisal done for each contract, in order to maintain the park as a financial resource on a long-term basis for the university. The land was zoned for both commercial (103 acres) and research (130 acres) development. The commercial portion was to pay for such items as roads, sewer and drainage. No state funds were involved in development of the park.

In conclusion, Mr. Morgan stated that the board of directors was dedicated to the Research Park and to maintaining a strong relationship with the university.

Mr. McGown indicated that, in the two-and-one-half years since the first tenant, Warzyn, moved into the park, a total of nine companies had been housed in the park or were under lease to locate there. Those nine companies, which employed 500 people, were both emerging and established businesses, including one which was a subsidiary of a Fortune 500 company. Fields represented by these firms included environmental science and consulting engineering, environmental chemistry analysis, research and development on enzymes and fermentation, conversion of waste into usable products, microscopy analysis, research and treatment of adolescents with behavior problems, advanced computer software, medical education and communication services. Four of the nine companies were founded by former university faculty, staff and graduate students. One of the companies moved

out of the park, and one had financial problems causing it to cease operations. Two had expanded substantially since moving into the park. Four of the companies regularly used faculty as consultants and several utilized campus services including libraries, data search programs and computer services.

Noting that the number of university-related research parks was growing rapidly, Mr. McGown said there were about 150 research parks in the United States at this time, 75 of them university related. Most of those had been established in the 1980s, although a few were founded in the 1940s and 1950s. Included in the materials provided to the regents was a memorandum analyzing one commonly used method of measuring comparability among university research parks--the amount of land absorption that occurred on an annual basis. He felt those figures indicated that the UW-Madison Research Park was doing well as compared to others.

Chancellor Shalala added that, at the invitation of Regent Schilling, she recently had a productive meeting with the Milwaukee County Research Park Board.

Second, she announced a \$20,000 gift from Wisconsin Bell to help establish a telecommunications link between the Research Park and the campus. She thanked Vice President Bornstein for his assistance in obtaining this gift.

Third, she noted that Regent Heckrodt, as well as Regent Gerrard and Regent Emeritus O'Harrow, had been members of the Research Park Board.

Finally, the chancellor stated her intention to participate with city leaders and the Governor in attracting venture capitalists to come to the community and the campus to consider opportunities for investment.

In response to concern about the Research Park being slow in attracting businesses, the chancellor commented that research parks should develop slowly and shrewdly and that companies which did not meet the criteria should not be accepted. As indicated by comparative data, the Research Park was above average in terms of the number of acres that had been absorbed. The overall strategy, she observed, should be a slow, steady, and shrewd growth, which would provide the best kind of economic base, not only for the park and the university, but as a contribution to the economic development of the state.

Regent Lyon inquired as to the policy on adjunct professorships or other types of university appointments for qualified personnel in research park firms.

While there was no formal policy, Chancellor Shalala indicated that such appointments would be a possibility, at the discretion of the academic departments. Research Park personnel already were involved in presenting lectures on campus in their areas of expertise. A faculty committee had been established to work on such relationships, and more activity in that area was expected. On the other hand, the campus also lent expertise to the Research Park. Most recently, a class in space management helped develop

model designs for how new buildings in the Research Park could be used, so that companies could be shown what options were available within those buildings.

Regent Hassett asked for an example of the criteria used in deciding not to accept a firm into the Research Park.

Mr. McGown replied that an example might be an insurance company looking for office space without any perceived relationship to the campus.

Referring to statistics on absorption, Regent Weinstein inquired as to the reason for including sale of land in the absorption rate.

In reply, Mr. McGown indicated that the common definition of absorption in a research park was land either leased or sold to an immediate or future occupant. That was the definition used by the researcher in this study.

Chancellor Shalala added that it was necessary to use that definition for comparability of statistics.

Regent Weinstein commented that selling of land was not a reasonable way to measure a research park's success. He asked how UW-Madison's Research Park would compare to others if the sale of land to CUNA was not included in the absorption rate.

Chancellor Shalala replied that the UW-Madison Research Park still would be at the national average if that land were not considered. She added that some momentum would be evident in the next two years.

Regent Fish commented that in establishing a research park, the attempt should be to fully occupy all the land whether by lease or by sale, with the sale controlled as to the amount of land sold to any single purchaser and the utilization of that land. He thought sale of all the land would be an acceptable way to maximize utilization of the park.

Regent Nicholas inquired about the interest of the Hospital Corporation of America in the Research Park.

In response, Mr. McGown noted that the regents had authorized a mixed use development, part of which was research, part of which was commercial, and part of which was to be retained for university purposes. The Hospital Corporation of America would bring into the commercially zoned portion of the park a psychiatric hospital and research center, with 60 beds for adolescents and children, as well as a research laboratory and offices for possible residency relationships. It would be a combination hospital service and research organization.

Regent Davis asked who was responsible for marketing the park and how much time and money were expended annually for that purpose.

Mr. McGown indicated that there was a faculty marketing committee, as well as involvement by faculty in various departments who had relationships with companies around the country and abroad. In addition, there had been mailings through such sources as alumni associations and chambers of commerce.

Chancellor Shalala added that there were also frequent visits by firms who were interested in viewing the park and the university.

In response to a further question by Regent Davis, Mr. McGown said there were two persons engaged in marketing on a full-time basis.

Regent President Schilling expressed appreciation for the presentation, and thanked Chancellor Shalala and Mr. McGown for sharing time and ideas with the Milwaukee County Research Park Corporation. Noting that he served on that board, Regent Schilling remarked that it was reassuring, in view of some public questioning in the case of the Milwaukee County Research Park, to hear from the UW-Madison representatives that it was necessary to be deliberate and careful in order to establish a true research park, rather than simply a real estate development.

Stating agreement with Regent Schilling and Chancellor Shalala, President Shaw noted that the research park in North Carolina had been planned decades ago and that the research park at Evanston, Illinois, received millions of dollars through a city grant and had as its anchor a major federal research facility. The UW-Madison park, on the other hand, was started with only a small amount of money. He felt it was to the Research Park Board's credit that they were proceeding cautiously.

Regent Weinstein pointed out that when the Research Park entered into an agreement, the President of the Board of Regents was asked to sign either the lease or the sale document. As regent president, he had been asked to do that in the case of the hospital and felt uncomfortable about the procedure because the Board of Regents had no role in making the decision. If the board was to be involved through its president signing documents, he thought the board should know in advance what was being done. He asked that staff examine the process.

President Shaw agreed that the point was well taken. He said that staff would review the matter and make a recommendation.

Regent Flores noted that a signature on behalf of the Board of Regents might be required because of the board's status as the legal contracting entity for the system.

UW Centers -  
Participation of UW Center Students in UW-Madison's Psi-Chi Undergraduate Research Symposium, p. 11

President Shaw congratulated the UW Center students who participated in UW-Madison's Psi-Chi Undergraduate Research Symposium. Of a total of 49 presentations selected competitively from public and private colleges statewide, 15 (nearly a third) came from the UW Centers. This achievement, he observed, was a testimony to the strong undergraduate program being provided in the centers. He also commended UW-Madison for undertaking this kind of activity, which emphasized quality undergraduate instruction.

Emeritus Designations

Emeritus Status for UW Faculty, p. 12

Acknowledging the UW faculty who were retiring at the end of this academic year, President Shaw noted that these faculty had a total of 4,906 years of service--an average of almost 27 years each--to the UW System and the people of Wisconsin.

Awards

President's Award for Outstanding Student Government

*to UW-Whitewater Student Assn.; honorable mention to UW Stevens Point p. 12*

*ref President's Award? (same)*

It was announced by President Shaw that this year's President's Award for Outstanding Student Government was won by the UW-Whitewater Student Association for its leadership in improving the structure and effectiveness of student representation in institutional policy review, promoting student services and fostering a closer relationship between the community and the university. The UW-Stevens Point student government received honorable mention, for their professional approach to addressing institutional and statewide policies. Their fine tradition of student leadership had been rewarded, by an excellent reputation on campus and around the state.

*ref UW-Whitewater - Student Assn. awarded President's Award for Outstanding Student Government, p. 12*

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

UW-Madison Projects

The committee unanimously approved three requests for UW-Madison, the first, for repairs to the Elvehjem Museum of Art building envelope to reduce moisture and air infiltration. The project cost of \$1,110,000 was to be funded from several all-agency allocations of the State Building Commission.

The second project was the Van Hise Hall total facility performance evaluation, at a cost of \$946,900, from several all-agency allocations of the State Building Commission. Work to be undertaken would reduce energy consumption, meet code requirements, improve safety conditions, and extend the useful life of the building.

At the request of Regent Weinstein, Regent Nikolay explained that an "all-agency allocation" referred to an appropriation of several blocks of money to the Building Commission for various stated programs. For the present biennium these funds and programs included the following:

Minimum Maintenance	\$47 million
Health and Safety	\$16 million
Energy Conservation	\$10 million
Removal of Architectural Barriers	\$ 1 million
Land Acquisition	<u>\$ 1 million</u>
	\$75 million

Each state agency developed a list of projects in each of these categories as part of the capital budget request, which was used as a justification for the appropriation of funds by the Legislature. After the budget was passed and the amount of funds appropriated for each category was known, agencies were expected to submit individual projects to the Building Commission for implementation. A project might include elements involving more than one program category, in which case the proportionate amount from each category was requested.

Noting that some questioned why these funds were appropriated to the Building Commission rather than to each state agency, Regent Nikolay said he had been told the basic reason was concern that, if the funds were not controlled separately outside the operating budget, they might be diverted from facilities to meet other program needs. The funds were available from the Building Commission on a first-come, first-served basis, and the UW System had historically received about 60 percent of the total funds available to all state agencies. These funds were in addition to those provided for specific projects enumerated for each agency.

The third resolution requested approval of amendments to the Urban Renewal Plan for the University Avenue urban renewal area. The board approved several amendments at its April 1987 meeting in association with development of privately owned student housing and a university parking ramp. However, it had been determined that the city's notification process was flawed and it was necessary to repeat the adoption process. There were seven changes made to the 1987 version of the plan, none of which were of importance to the university's interests.

Regent Nikolay moved and Regent Doughty Luckhardt seconded adoption by the board of Resolutions 4068, 4069 and 4070.

*Bldg + Land -*

~~Resolution 4068: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, SA Authority be granted to plan, bid and construct a 1987-89 Elvehjem Museum of Art Building Envelope Repair project, on the campus at UW-Madison, for an estimated project cost of \$1,110,000 of 1987-89 General Fund Supported Borrowing, as follows:~~

*→ R 4068, PP 12-15*

a) 1987-89 Maintenance Program:	\$1,020,000
b) 1987-89 Health, Safety and Environment Program:	66,000
c) 1987-89 Remove Architectural Barriers Program:	<u>24,000</u>
Total:	<u>\$1,110,000</u>

*\* ref Elvehjem - (same)*



Bldg & Land

Resolution 4069: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report ~~be~~ approved for the Van Hise Hall Total Facilities Performance Evaluation project, and authority be granted to prepare Final Plans and Specifications, bid, and construct the project, at an estimated total project cost of \$946,900 of 1987-89 General Fund Supported Borrowing funds, as follows:

& authority

X ref Van Hise Hall  
- (same)

for

R 4069,  
pp 12-15

- a) Maintenance Program: \$494,100
- b) Energy Conservation Program funds: 168,700
- c) Remove Architectural Barrier Program: 47,000
- d) Health, Safety & Environment Program: 237,100
- Total All Funding Sources: \$946,900

Bldg & Land

Resolution 4070: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be given to the City of Madison's "Amended Urban Renewal Plan for the University Avenue Urban Renewal Area." (This amended plan encompasses University-owned property along the 600 to 900 blocks between University Avenue and Johnson Street) in the City of Madison and involves private construction of student housing in the 600 block of University Avenue.)

of

X ref University Ave  
600 Block

- (same)

R 4070,  
pp 12-15

In response to a question by Regent Davis, Regent Nikolay explained that the urban renewal plan contained some substantive changes which did not affect the university. One change, for example, would prohibit another pizza restaurant in the area.

Vice President Brown added that the amendments primarily dealt with the 700 block of University Avenue--the University Square area--while the university's area of interest was the 600 block. Other amendments on use of the 700 block concerned some professional business development and second-story housing. Although the changes did not affect the 600 block, the board's approval was required because of university involvement in the plan as a whole.

Regent Davis asked if board approval would mean acceptance of the concept that there should not be another pizza house in the 700 block of University Avenue, and Vice President Brown replied in the affirmative.

As background, Vice Chancellor Van Ess explained that the urban development plan for a four-block area, including the blocks in question, was established in 1968. The whole area had since been developed, except for the 600 block which the city and the university had been cooperating to develop. A university parking ramp was scheduled to be constructed beginning in August of this year on part of the 600 block, while the other part was to be developed by a private housing organization. The Community Development Authority of the City of Madison, which was working with the private developer, had been involved in reaching understandings needed in order to proceed. Under the urban development plan, each of the parties of ownership in that four-block area must agree to changes in the 1968 urban

development plan. The condition relating to selling of pizza had been requested by University Square and was accepted by the developer of the 600 block. There was no direct university involvement.

Regent Flores asked if the matter was part of the city's zoning function.

Replying in the affirmative, Mr. Van Ess added that this amended urban renewal plan was approved by the Community Development Authority and by the City Council as well as by the owners of the University Square shopping center.

Regent Flores commented that, since the matter did not directly affect the university and had approval of city authorities and others, he did not think the board should frustrate the agreement which had been reached.

Regent Davis stated that he did not support board approval of that kind of economic restraint.

Mr. Van Ess noted that another change in the plan provided for all conditions to expire in the year 1993 instead of 2000 as in the original plan. Therefore, the condition in question was of short duration

Regent Fish asked if it was correct to state that, without approval of the prohibition on additional pizza operations, there would be no permission to proceed with the development the university wanted to undertake in the 600 block.

Mr. Van Ess replied in the affirmative, adding that the board was the last entity to approve the changes which would allow that development.

Put to the vote, Resolutions 4068 and 4069 were adopted unanimously. Resolution 4070 was adopted, with Regent Davis voting "No."

*Regent Davis*  
UW-Eau Claire Authorization to Grant Walking and Bicycle Trail Easement

Continuing the report of the Physical Planning and Development Committee, Regent Nikolay stated that the committee unanimously approved authorization for the board officers to execute documents granting an easement to the City of Eau Claire, for the purpose of constructing and maintaining a walking and bicycle trail across university property, as part of a trail being developed throughout the community.

Regent Nikolay moved and Regent Nicholas seconded Resolution 4071, which was adopted unanimously by the board.

*R 4071,  
pp 15-16*

Resolution 4071: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authorization be granted for the President or Vice President and Secretary or Assistant Secretary of the Board to execute documents granting to the City of Eau Claire an easement 25-foot wide and 2,013.5 feet in length for construction and operation of a walking and bicycle trail.

*Adopted*  
UW-Whitewater: Approval of Land Exchange and Granting of Temporary Easement, R 4072, P. 16

The committee unanimously approved authorization for the secretary of the board to execute documents granting a temporary construction easement to the City of Whitewater for the purpose of allowing completion of the north campus road to improve the flow of traffic onto and off of university lands. The roadway would be constructed by the city and would become the property of the board upon completion.

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

Resolution 4072: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the Secretary or Assistant Secretary of the Board be authorized to execute documents granting the City of Whitewater a Temporary Construction Easement 60 feet wide and 600 feet in length for completion of the north campus road on the following described property:

a parcel of land located in the south 1/4 of said Section 32, City of Whitewater, Walworth County, Wisconsin;

Further, that approval be granted to exchange .11-acres of vacant campus land at the University of Wisconsin-Whitewater for .20 acres of privately owned vacant land for the north campus road completion, extending the campus' boundary to Tratt Street.

Detailed legal descriptions of the areas involved in the proposed easement and land exchange are on file in the Board of Regents office.

UW-Centers - Bldg & Land -

UW Center-Barron County: Reversion of Leased Property Rights to Barron County, R 4073, p. 17

Regent Nikolay reported unanimous committee approval of authority for the board officers to execute a release of approximately one acre of the 100-acre property leased from Barron County as the site for UW Center-Barron County. The purpose was to allow development of a new, direct access road for entrance to the center and to improve the existing campus road.

*X up UWC - Barron County - (same)*  
Adoption by the board of Resolution 4073 was moved by Regent Nikolay and seconded by Regent Flores.

Resolution 4073: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, authorization be granted for the President or Vice President and Secretary or Assistant Secretary of the Board of Regents to execute a release of .937 acres of the 100-acre property leased from Barron County as the site for the UW Center-Barron County at Rice Lake.

In response to a question by Regent Fish, Regent Nikolay confirmed that Barron County supported the project.

Put to the vote, Resolution 4073 was adopted unanimously by the board.

Approval of Minor Projects

The committee unanimously approved two minor projects. The first would allow UW-River Falls to construct a bleacher motorization project at a cost of \$27,800 from minor project funds. The second was a \$20,000 energy conservation project at UW Center-Fond du Lac, to add additional insulation to the classroom and science buildings which were being reroofed by the county. It was noted that the state was responsible for utility costs, and this project would provide a discounted payback period of 4.2 years.

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

Resolution 4074: That, upon the recommendation of the UW-River Falls and UW Centers Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct at the budgets and from the funding sources indicated:

*X* UW-River Falls - Bldg & Land -  
Karges Physical Education Center Bleacher

Motorization, \$27,800, Minor Project Funds

UW Center - Fond du Lac  
UW Center - Fond du Lac

Classroom and Science Buildings Roof Insulation,  
\$20,000, Energy Conservation Program

R 4074, pp 17-18  
*at UWC Fond du Lac*

UWC - Fond du Lac - (same)

Regent Fish expressed concern that the university not become liable for what should be a county responsibility. In that regard, he questioned the description of the UW Center-Fond du Lac roof insulation project, which stated that "the present roof materials will be removed down to the 1-1/2 inch perlite insulation board. Perlite insulation which is wet or damp will be removed and replaced with new." He assumed that the second sentence should read, "Perlite insulation board which is wet or damp will be removed and replaced with new," and that the following sentence would read, "on top of the existing perlite insulation board." While urethane insulation could be put over perlite board, he pointed out, it would not be put over perlite insulation.

Vice President Brown indicated that the county was replacing the roof and putting insulation on it. The university's \$20,000 project was to provide additional insulation.

Regent Fish noted that perlite insulation board--a structural material--should be the responsibility of the county, while the insulation correctly would be the university's expenditure. He did not want to see a precedent set of using university funds for structural roof work. While he intended to vote for the resolution, he asked that the description be checked and stated correctly. In that regard, he noted that \$20,000 seemed expensive for three inches of insulation.

Put to the vote, Resolution 4074 was then unanimously adopted by the board.

*Regent's Hand*  
UW Centers Approval of Protocol for Construction Projects, R 4075, pp 18-21

Regent Nikolay reported unanimous committee approval of a protocol for evaluating and approving the development of facilities in the UW Centers. The protocol was prepared in response to Resolution SG 7 of the Regent Study Group on the Future of the University of Wisconsin System, which recommended a clarification of regent policy relating to board involvement with city and county plans for UW Centers' expansion. The committee discussed the background paper, which contained a brief summary of the UW Centers' development, the legislative provisions for financing of the centers' facilities, and the conclusions and recommendations on the approval process for building projects. Commending system staff for the protocol's content and timeliness, the committee concurred that it succinctly consolidated information from several outdated and isolated sources and presented the material in a concise document that outlined well the policy framework within which System Administration could review all requests for UW Centers projects.

It was moved by Regent Nikolay and seconded by Regent Jarvis that Resolution 4075 be adopted by the board.

*Ref*  
Regent - Policy - (same)

Resolution 4075: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, the report relating to the development of facilities in the UW Centers be accepted (copy on file in the office of the Secretary of the Board) and, further,

That Section IV of that report entitled "Protocol for Evaluation and Approval of UW Centers Facilities Development", be adopted by the Board as its policy for UW Centers construction projects. Section IV provides the following:

- A. All requests for added facilities must be based upon an examination of the academic program of the UW Center and the capability of existing facilities to accommodate the program. The Chancellor of the UW Centers has the need and responsibility to review all projects in the earliest of planning stages.
- B. It is understood that there is a commitment by the Board of Regents to provide necessary faculty or other academic program staff and/or operating budget changes needed as a consequence of Board approval of the expanded facilities, if such changes are identified in the request to the Board.
- C. System Administration will review all requests for UW Center projects within the following policy framework:
  1. The Chancellor of the UW Centers will submit pertinent two-year and six-year capital development plans to UW System Administration according to the procedures, timetable and format established by System Administration.
  2. In order for additional space to be supported, there must be clear evidence that the needs of the academic program cannot be met by existing facilities, and/or remodeling of existing facilities.
  3. All requests for approval of additional facilities shall also include a thorough evaluation of the long-term impact on the operating budget and staffing/faculty needs.

4. The University of Wisconsin Centers will request funds for the movable equipment needed for the facilities as part of the University of Wisconsin System biennial capital budget. These requests should be made to System Administration during the first half of the even-numbered years for the subsequent biennium (e.g. 1988 for the 1989-91 biennium). It is recognized that local units of government usually operate under an annual budget cycle, with considerably more flexibility than state government on the expenditure side. This sometimes results in the municipality's ability to advance a construction project sooner than anticipated, thereby placing an unanticipated burden on limited University (Building Commission) funds for equipment.
5. Generally, UW System Administration requires that all capital projects appear in the campus long range plan prior to approval of funding. Therefore, equipment requests for UW Centers that relate to capital projects NOT identified in either the two-year budget request or six-year facilities plan will generally not be funded. This places an increased importance on the long range facilities planning efforts for the UW Centers.
6. The construction cost of the facilities will be financed totally by the county/city.
7. The need for a building project and resultant equipment and operating costs is subject to the approval of the Board of Regents prior to local bidding of the project. In addition to a description of equipment needs, the Regent request shall include the information required in paragraphs 2 and 3 above. The design of facilities shall be in conformance with energy considerations established by the State Building Commission.
8. It is acknowledged that UW Centers facilities will require remodeling and other miscellaneous improvements caused by obsolescence, building codes and program changes. Such minor projects are a local financial responsibility and when they do not require equipment funding, need not be submitted for Board approval. However, these projects do require prior UW Centers/System Administration approval, if they involve a change in the use of space.

In response to a question by Regent Fish, Regent Nikolay indicated that this resolution did not differ from past policies, but simply consolidated them.

Put to the vote, Resolution 4075 was unanimously adopted.

*UW-Platteville - Budget + Land - Lack of votes on*

UW-Platteville and UW-Stevens Point: Fee Participation for Physical Education Facilities, pp 21-24

The committee unanimously approved a formula for proration of the required \$2 million program revenue funding contribution for the UW-Platteville and UW-Stevens Point physical education facilities. The basis of the proration was the portion each project contributed to the combined total cost of both projects. Background documentation provided several alternatives which the board could consider but recommended a prorated share of 47 percent for UW-Platteville and 53 percent for UW-Stevens Point. This produced a program revenue contribution of \$940,000 toward a \$6,250,000 project for UW-Platteville and \$1,060,000 toward a \$7,000,000 project for UW-Stevens Point. UW-Stevens Point Chancellor Marshall and UW-Platteville Assistant Chancellor Zielke both indicated that they might modify their previous plans and assess this additional fee beginning with the fall 1988 semester.

*UW-Stevens Point - Budget + Land - (same)*

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

That, upon the recommendation of the UW-Platteville and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the Board approves a prorata of the enumerated \$2 million Program Revenue for construction of physical education facilities at UW-Platteville and UW-Stevens Point on the following basis:

- (1) The \$2 million total Program Revenue contribution should be prorated to UW-Platteville and UW-Stevens Point on the basis of the portion each project contributes to the combined total cost of both projects. This results in a prorata of 47% UW-Platteville, and 53% UW-Stevens Point.

<u>University</u>	<u>Total Project Cost</u>	<u>Percent of Combined Total</u>	<u>PR Contribution</u>
UW-Platteville	\$ 6,250,000	47%	\$ 940,000
UW-Stevens Pt.	\$ 7,000,000	53%	\$1,060,000
	\$13,250,000	100%	\$2,000,000

- (2) Each Chancellor should determine how to fund the proportional contribution, subject to approval of the Board of Regents, prior to construction.

This need to provide a Program Revenue contribution is in accordance with Session Law language provided in 1987 Wisconsin Act 87, the 1987-89 Budget Bill.



Regent Weinstein asked if this resolution was consistent with the capital budget, as approved by the Legislature.

Replying in the affirmative, Regent Nikolay added that, while the Legislature had mandated the \$2 million program revenue contribution, it was the board's responsibility to determine how to apportion the obligation.

Regent Fish stated that he intended to vote against the resolution because of his opposition to utilization of student fees for capital construction.

In reply to a further question by Regent Weinstein, Regent Fish said that if the resolution were defeated, the projects could not go forward. They would have to be requested again in the next capital budget.

Regent Davis asked if the Legislature had directed that the \$2 million be raised from student fees or only from a non-GPR source. Vice President Brown replied that the Legislature had specified program revenue funds.

In reply to a question by Regent Nicholas, Vice President Brown indicated that the source of funding was to be segregated fees.

Regent Fish pointed out that the \$2 million was not for operation of the facilities, but only for their construction. Beginning in 1988, students were to pay for facilities that most current students would not see completed. In view of the regents' long-term effort to hold down the cost of segregated fees, he considered this a dangerous precedent. While he supported the projects, he did not support the method of funding.

In reply to a question by Regent Hassett, Regent Weinstein said the projects were included in the regents' priority list.

Responding to a question by Regent Jarvis, Vice President Brown explained that the regents' request had been to fund the projects with GPR money. The Building Commission had reduced the GPR by \$2 million and replaced it with \$2 million in program revenues.

Regent Davis asked if students were paying for other buildings in the system.

Vice President Brown indicated that the only similar case was the Southeast Recreational Facility at UW-Madison for which funding was \$3 million from segregated fees/\$3 million from gifts/\$3 million in GPR. Student fees also paid totally for stadiums, but these facilities were not considered to have an instructional function.

With regard to the history of the matter, Regent Weinstein recalled that UW-Stevens Point student representatives had come to the board to volunteer program revenue for part of the project. The board had declined that offer and recommended that the facility be fully funded by the state. The Building Commission, however, decided that there should be a program revenue contribution to that project, as well as the one at UW-Platteville. Therefore, the method of funding these facilities had been determined some time ago.

Vice President Brown added that the original request from UW-Stevens Point included a swimming pool at an extra cost of \$2 million. The System Administration recommendation to the regents was not to build the pool. The students then passed a resolution requesting the pool and offering student fees to pay for it. As approved by the Board of Regents, the capital budget request included the pool but did not recommend student fee participation.

Regent Schilling asked if the UW-Platteville students had voted to contribute to the project on their campus. Vice President Brown replied that there was no action by the UW-Platteville students until after the Building Commission decision to include one million dollars of program revenue funding. At that point, the UW-Platteville students did endorse the project.

Regent Nikolay stated that he did not want his support of this resolution to indicate approval of the concept that money from student fees should be used to build public facilities. He believed firmly that these buildings should be constructed with public funds. In this case, however, the decision had been made and could not be reversed.

Regent Jarvis inquired as to the impact of tabling the resolution for a month.

Vice President Brown replied that there would be no impact since the projects were in design at the present time. It was expected that the UW-Platteville project would come to the board for approval in July and that the UW-Stevens Point project would come forward in September or October. This resolution simply addressed the question of how the \$2 million was to be distributed among the students, which would have an impact on the institutions' budgets.

Moving to table the resolution, Regent Jarvis stated that he was uncomfortable with acting on it at this time because of the reasons set forth by Regent Fish and because he had not yet had an opportunity to speak with UW-Platteville students about the matter. The motion was seconded by Regent Hasset and unanimously passed.

Regent Weinstein asked if Regent Jarvis was going to speak to UW-Platteville students about whether they wanted to proceed with the project as authorized or whether they preferred to have another capital budget request without program revenue participation.

Regent Jarvis replied in the affirmative, adding that he also would inquire as to any other alternatives.

Regent Fish felt there undoubtedly would be pressure to proceed with segregated fee participation, rather than to be unable to proceed at all. That would not change his view that a dangerous precedent was being set.

While he supported Regent Fish's philosophical view, Regent Davis asked why these facilities would be considered precedent setting if other buildings were funded with segregated fee participation.

Regent Fish replied that such other facilities were student recreational facilities rather than instructional facilities.

Regent Nikolay moved that the resolution be taken off the table, but the motion failed for lack of a second.

Report of the Vice President

Concluding his report, Regent Nikolay stated that the Physical Planning and Development Committee received informational reports relating to bid openings, the annual report on leased space with dollar commitments exceeding \$100,000, and the sale of the former Neurological and Rehabilitation Hospital at 1954 East Washington Avenue. - As to the latter, an option had been signed accepting the high bid of \$650,000 from Madison Mutual Housing. The board had previously granted authority "to sell, exchange or otherwise dispose of" the hospital at the time it approved the purchase of the Wisconsin Regional Primate Center in September 1985, using residual bonding authority funds. The proceeds of the sale of the N & R Hospital were to be deposited in the state general fund to reimburse the debt cost of the purchase of the Primate Research Center.

*Acceptance of bid for sale, p. 24*

REPORT OF THE EDUCATION COMMITTEE

Vice Chairman Flores presented the committee's report.

Mission Statements

*Approval mission statements, R 4076, pp 24-25 & EX B*

At a portion of the meeting to which all regents were invited, the committee acted on system, core and select mission statements, which had been presented at the May meeting following hearings at each institution. UW-Steven Point Political Science Professor Gloria Toivola, President of The Association of University of Wisconsin Professionals, presented comments objecting to procedures used to develop the mission statements--particularly that which resulted in identical language referring to research and scholarly activity in the university cluster core and select missions, and the substantive change in the core mission which specified "expect" scholarly activity rather than the previous "support" commitment to scholarly activity.

Adoption by the board of Resolution 4076, which was unanimously approved by the committee, was moved by Regent Flores, seconded by Regent Hassett and carried unanimously.

Resolution 4076: That, upon the recommendation of the Chancellors of the University of Wisconsin System institutions and the President of the University of Wisconsin System, the University of Wisconsin System Mission Statement be affirmed, and the revised Core Mission Statement of the Doctoral Cluster, the revised Core Mission Statement of the University Cluster, and the revised Select Mission Statements of the fifteen institutions of the University of Wisconsin System (Exhibits 1-18) be approved.

(Exhibits 1-18 are included in these minutes as EXHIBIT B.)

### Report of the Vice President

Vice President Trani reported to the committee on the status of three strategic planning efforts currently under way.

#### Strategic Planning in Teacher Education - *Report on Strategic Planning Committee, p. 25*

The Steering Committee for Strategic Planning in Teacher Education, with Professor Wayne Sukow, UW-River Falls, as chair, was to hold its first meeting this month.

#### Engineering and Technology Task Force - *Report on Task Force p. 25*

The Engineering and Technology Task Force had begun to write its report and should have the report and recommendations submitted to System Administration by early fall, after which, following the pattern of the Business Administration study, Dr. Trani would make recommendations to the board.

#### Strategic Planning in Business Administration - *Report on Strategic Planning in Business Administration p. 25*

A status report on each of the specific recommendations from the Strategic Planning in Business Administration effort, as approved by the board, was to be presented in September.

Regent Davis expressed his concern that the process remain dynamic and that the planning effort in business be continued in order to identify whether the recommendations were still valid or whether additional recommendations were needed. Dr. Trani indicated that implementation progress would be shared with the advisory group periodically.

In discussion at the board meeting, Regent Grover stated his agreement with Regent Davis' suggestion that the board should continue to follow up on the business administration report. He commented that the UW-Madison Master's Degree in International Business should require at least two years of foreign language and added that he remained interested in the matter of including the subject of ethics in the business curriculum.

Centers of Excellence - *Report process, p. 26*

It was reported to the committee that the process of identifying Centers of Excellence was well under way. The proposals were to be submitted by July 1, and each would be evaluated by one of six panels, representing various disciplinary areas, comprised of approximately 25 experts from outside the system. System Administration was to make recommendations to the board in September.

*Awards -* Election of Fellows to the American Academy of Arts and Sciences, *p. 26*

Among the 83 new fellows elected to the American Academy of Arts and Sciences were two UW-Madison physics professors: Professor Willi Haeberli and Professor Emeritus Donald W. Kearst.

Introduction of Administrative Intern

Dr. James Tobin, a member of UW-Milwaukee's Library staff, who was serving as the Administrative Intern in the System Office of Academic Affairs this summer, was introduced to the committee.

*Academic Programs -*

Annual Informational Report on 1987-88 Academic Program Designations and Related Academic Approval Items, *p. 26*

The committee received this annual report, which involved such matters as the renaming of academic departments and existing degree programs, the approval of submajors, minors and concentrations, the discontinuation of sub-degree programs, and the restructuring of certain academic programs.

Informational Report on Remedial Education - *Informational report 26-27*

Regent Flores noted that the report of the Task Force on Remedial Education was summarized at the committee meeting by Vice President Trani. Dean William Halloran, UW-Milwaukee, was present also and made a statement to the committee as chair of the task force.

The report recommended creation of a "detailed statement of the college-level skills and competencies students are expected to have in English and mathematics upon entrance to the university," as part of a broader undertaking to foster communication between the university and the schools to ensure full and accurate advisement of students. The Office of Academic Affairs would seek this summer to establish a working group under the joint sponsorship of the UW System and the Department of Public Instruction on preparing for admission to UW System institutions.

A second group of issues in the task force report concerned the means of delivering remedial courses to students and whether, in particular, such courses should be provided by the regular faculty and staff of the campuses, by UW-Extension faculty/staff or through arrangements with VTAE units.

The president of the system intended to submit recommendations to the board this fall based on his review of the task force report and the responses received concerning the recommendations. The report of the task force had been forwarded to system institutions, the Department of Public Instruction, VTAE and other interested parties. Further recommendations would follow in the spring of 1989, based on the conclusions of the joint working group on preparing for admission to UW System institutions.

Regent Schilling suggested that the committee hear directly from representatives of DPI and VTAE on these matters. Concern was expressed that the board might adopt a policy before the necessary skills were agreed upon, and whether there could be a general agreement across the system on what competencies should be expected for entrance to college-level courses.

In discussion at the board meeting, Regent Grover commented that he thought the remedial education report was moving in the right direction. If the UW System could agree across its institutions on a statement of skills and aptitudes that would be recognized by the UW System, much would be done to send a clear message to young people about the serious nature of the intellectual enterprise.

Report on Promotions, Tenure Designations and Related Academic Approval Items

*Faculty* - Changes in Faculty, Staff Designations, R 4077, pp 27-28

Reporting on committee consideration of this matter, Regent Flores noted that the agenda materials contained lists, by institution, of those individuals who were being recommended for promotion, tenure, and other changes of status, during this annual budget cycle.

The number of tenured faculty leaving the system exceeded the number the faculty newly tenured. Therefore the number of tenured faculty in the UW System would drop from 5,225 in 1987-88 to 5,199 in 1988-89.

Resolution 4077, approving the 1988-89 promotions in faculty rank and tenure designations, other changes in status, and new tenured appointments, was approved by the committee, with Regent Schilling abstaining, due to possible conflict of interest.

Upon a motion by Regent Flores, seconded by Regent Weinstein, the following resolution was adopted by the board with Regent Schilling abstaining, due to the fact that his brother was among those being promoted.

Resolution 4077: That, upon the recommendation of the respective Chancellors and the President of the University of Wisconsin System, the 1988-89 promotions in faculty rank and tenure designations, other changes in status, and new tenured appointments, reported in the attached materials by institutions be approved.

Regent Fish asked when new tenure density figures would be available.

President Shaw replied that the best time to review them might be in mid-fall after the 200-plus positions had been added.

In reply to further questions by Regent Fish, Vice President Trani predicted that tenure density would decrease, particularly with addition of the new positions.

Emeritus Designations - Annual designations, R 4078, p. 28

Resolution 4078, which was unanimously approved by the committee, was moved by Regent Flores, seconded by Regent Hanson, and adopted unanimously by the board.

Resolution 4078: That, for their many years of dedicated service to public higher education in the state of Wisconsin, the Board of Regents expresses its deep appreciation to the members of the faculty and staff who have been granted emeritus status by the Chancellors. Further, the Board of Regents extends to emeritus faculty and staff its best wishes for many productive years ahead.

Regent Hanson pointed out that the list included the unusual situation of a husband and wife receiving emeritus status at the same time: John M. Culbertson of UW-Madison, in economics; and his wife, Frances M. Culbertson of UW-Whitewater, in psychology.

Academic Programs

Five-Year Review: B.B.A. in Production/Operations Management, UW-Whitewater, R 4079, pp 28-29

Regent Flores reported that the committee heard a review of the program from Vice Chancellor Greenhill: Dean Joseph Domitrz, of Business and Economics; Professor Russell Jacobson, of the B.B.A. program; Jodi A. Oster, a graduate of the program; and Michael J. Johannung, a current student intern.

Established in 1981, the program was built on a pre-existing submajor. It currently graduated approximately 50 students per year and was accredited by the American Association of Colleges and Schools of Business. Between 89 and 98 percent of the program graduates were successfully placed in the field. There was a significant record of professional achievement by program faculty and strong support from business and industry. The presenters indicated that, in their opinion, the major had met its original expectations in terms of objectives, graduates, placement, and contributions to business and industry.

X ref. UW-Whitewater - (same, but drop "UW-Whitewater")  
The committee unanimously approved continuation of the program.

Upon motion by Regent Flores, seconded by Regent Davis, Resolution 4079 was unanimously adopted by the board.

Resolution 4079: That, upon the recommendation of the Chancellor of the University of Wisconsin-Whitewater and the President of the University of Wisconsin System, the B.B.A. in Production/Operations Management be continued, with the understanding that it will be included within that institution's normal program evaluation process.

Academic Programs

→ Five-Year Review: M.S., Ph.D. in Environmental Toxicology, UW-Madison R 4080,

p. 29

Regent Flores reported that Chancellor Shalala introduced Professors Colin Jeffcoate, the Director, and John Harkin, representing the program, Associate Dean Millard Sussman, of the Medical School; Dean Leo Walsh, of the College of Agricultural and Life Sciences; and students Kathleen Leary and Steven Laszewski. The chancellor described the program as unique--the only one in Wisconsin and one of the few in the country--and a first-rate example of a successful interdisciplinary program. The panelists discussed the rigor of the program, the high caliber of the student body, and the array of professional opportunities available to graduates.

After hearing the presentation, the committee unanimously approved continuation of the program.

Adoption by the board of the following resolution was moved by Regent Flores and seconded by Regent Davis:

Resolution 4080: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the M.S., Ph.D. in Environmental Toxicology be continued, with the understanding that the program will be included within that institution's normal program evaluation process.

Regent Nikolay commented that the program seemed quite expensive, given that there had been only 13 M.S. graduates

In response, Chancellor Shalala indicated that there was not a separate faculty in environmental toxicology. Rather, it was an interdisciplinary program that drew faculty from existing departments. Faculty were paid by those departments, and there was no separate budget for the program. She added that there were more students in the Ph.D. program than in the M.S. program.

Regent Hassett pointed out that there were 13 M.S. and 17 Ph.D. graduates from 1983 to the present.

Put to the vote, Resolution 4080 was adopted unanimously by the board.



UW-Milwaukee - Staff -

Amendments to UW-Milwaukee Faculty Policies and Procedures, R 4081, p. 30

The committee unanimously approved the amendments to UW-Milwaukee faculty policies and procedures, s. 5.16 and s. 5.161, which dealt with the reappointment and notification of faculty members with probationary appointments. The purpose of the proposed revisions was to render these two sections consistent with each other and with other UW-Milwaukee policies and procedures.

Upon motion by Regent Flores, seconded by Regent Davis, Resolution 4081 was adopted unanimously by the board.

Resolution 4081: That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the amendments to s. 5.16 and s. 5.161 of the University of Wisconsin-Milwaukee Faculty Policies and Procedures be approved.

Administrative Code -

Revision of UWS 17, Academic Misconduct, p. 30

Reporting on proposed changes to UWS 17, Regent Flores noted that the UW System faculty representatives, meeting in the fall of 1986, had expressed concern that the existing rules created a cumbersome, legalistic process for dealing with instances of academic misconduct, which ultimately tended to deter instructors from pursuing disciplinary procedures. A committee of students, student affairs officers, and faculty then was formed to review the existing code and had recommended the proposed revisions. The resolution before the Education Committee directed the Secretary of the Board to file notice of a public hearing and to submit the proposed rules to the Legislative Council for review and comment.

\*  
Xref

Minutes - (same)

The committee heard testimony from Rob McGinnis and Kevin Sumani, of United Council, who expressed strong objection to the lack of any appeal provisions in one section and to allowing the presiding officer alone to constitute a quorum for a hearing. After continuing the discussion with Professor John Kidwell, who chaired the system committee, and system legal counsel Patricia Hodulik, the Education Committee voted unanimously to table the resolution until the July 7, 1988, meeting and to direct that the proposal presented to the regents in July include options for dealing with the two provisions in controversy.

Authorizations to Recruit -

Authorization to Recruit: Dean of Humanities, Social Sciences, and General Education, UW-Green Bay, R 4082, pp 30-31

The following resolution, which was unanimously approved by the committee, was moved by Regent Flores, seconded by Regent Weinstein and adopted unanimously by the board:

Xref UW-Green Bay - Staff - (same, but drop "UW-Green Bay")

Resolution 4082: That, upon the recommendation of the Chancellor of the University of Wisconsin-Green Bay and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of Humanities, Social Sciences, and General Education, be approved.

Authorizations to Recruit -

Authorization to Recruit: Dean of Arts, Sciences, and Graduate Programs, UW-Green Bay, R 4083, p. 31

Presenting Resolution 4083, which was unanimously approved by the committee, Regent Flores moved its adoption by the board, and the motion was seconded by Regent Nicholas.

X ref UW-Green Bay - (same)

Resolution 4083: That, upon the recommendation of the Chancellor of the University of Wisconsin-Green Bay and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of Arts, Sciences, and Graduate Programs, be approved.

In response to a question by Regent Grover, Chancellor Outcalt indicated that the Department of Education, headed by a chairperson, was under supervision of the Dean of Professional Studies and Outreach.

Put to the vote, Resolution 4083 was adopted unanimously by the board.

Authorizations to Recruit -

Authorization to Recruit: Dean of Education, UW-Whitewater, R 4084, p. 31

Reporting unanimous committee approval of Resolution 4084, Regent Flores noted that there had been a request by Regent Grover for regent involvement in the selection process for this position.

X ref UW-Whitewater - staff - (same, but dup "UW-Whitewater")

Resolution 4084 was adopted unanimously by the board, upon motion by Regent Flores, seconded by Regent Weinstein.

Resolution 4084: That, upon the recommendation of the Chancellor of the University of Wisconsin-Whitewater and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the College of Education, be approved.

Regent Flores presented Resolutions 4085-4088, which were approved by the Education Committee in closed session.

Named Professorship: UW-Milwaukee

Upon a motion by Regent Flores, seconded by Regent Fish, the following resolution was adopted unanimously by the board:

Professorships

Resolution 4085:

That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the status of Izzet Sahin be changed from Professor, School of Business Administration, to Max Karl Professor, School of Business Administration, University of Wisconsin-Milwaukee, effective July 1, 1988 through June 30, 1993. R 4085, pp 31-32

Xref UW-Milwaukee - staff - (same, but drop "UW-Milwaukee")

Named Professorship: UW-Milwaukee

It was moved by Regent Flores and seconded by Regent Hassett that Resolution 4086 be adopted by the board.

Professorships

Resolution 4086:

~~That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, Henry W. Maier be appointed Adjunct Professor, the Henry W. Maier Endowed Professorship of Urban Studies, College of Letters and Science, University of Wisconsin-Milwaukee, effective July 1, 1988 through June 30, 1990.~~ R 4086, pp 32-34

While he commended the grant from those who endowed the chair, Regent Nikolay stated that he could not support the resolution due to his feelings about the former mayor's record on racial issues.

Xref UW-Milwaukee (not "staff") - (same, but drop "UW-Milwaukee")

Regent Weinstein commented that he was uncomfortable with the resolution on the basis that the proposed appointee was the person for whom the chair was named. He was concerned about leaving the impression that a position could be purchased for a particular individual by having a chair endowed in that person's name.

Stating that he had similar reservations, Regent Davis asked if there was precedent for appointing persons to chairs endowed in their names. He shared the concern that there might be the appearance of buying a position for a particular person. While he had no negative feeling about former Mayor Maier and would support making him an adjunct professor, he was concerned about appointing him to a chair established in his name.

Regent Nicholas inquired as to Chancellor Smith's view of the matter.

Replying that he was comfortable with the recommendation, Chancellor Smith noted that the position was an adjunct professorship in urban studies, an area in which the former mayor had 27 years of experience, and that he was recommended unanimously by the faculty. The professorship had been established through contributions of Milwaukeeans, who pledged about \$1.2 million to endow the chair in Henry Maier's honor. While many would be pleased to have him named the first occupant of the chair, that was not a condition of the donations.

In order to avoid any perception of a quid pro quo, Regent Weinstein asked if someone else could be named to the endowed chair with Mayor Maier appointed to another adjunct professorship, since the chancellor and faculty clearly felt he could make a contribution to the campus.

Chancellor Smith replied that he could not recommend that course of action and that UW-Milwaukee wished to have the former mayor occupy the endowed chair. He added that the recommendation had been discussed openly and had been carefully considered.

Stating his support for the resolution, Regent Fish noted that Henry Maier was mayor of Milwaukee for almost three decades and thus certainly had knowledge of the area in which he would teach. In addition, Regent Fish believed that Milwaukee citizens would be seriously aggrieved if the chair were not named as stated and if Henry Maier did not receive the first appointment to that chair. The most salient fact, in his view, was that UW-Milwaukee faculty unanimously chose to make this recommendation. If the faculty perceived it to be a worthwhile appointment, he would be supportive of their judgment.

- Vice President Lyon presiding -

Noting that people of all political persuasions had been active in honoring former Mayor Maier, Regent Schilling urged adoption of the resolution. While Regent Davis and Regent Weinstein had raised a legitimate policy question which should be resolved in the future, he felt this resolution should be supported and did not want the discussion misconstrued as any denigration of the former mayor.

Regent Hassett stated that he also would support the appointment, on the basis that the professorship was appropriate for UW-Milwaukee and the person selected clearly was qualified by experience.

Regent Weinstein emphasized that his vote against the resolution should not be interpreted as a judgment about the former mayor. His opposition was to establishing a professorship and at the same time appointing to the chair the person for whom it was named. He wanted to avoid the perception that the contributors to an endowed chair could determine its occupant.

Regent Grover commented that this appointment would be precedent setting and that policy on this issue should be considered. While Henry Maier was a nationally-recognized mayor and obviously an expert in the area in which he would be teaching, Regent Grover questioned what would happen when gifts were made in the name of other distinguished citizens who might wish to occupy an endowed chair.

President Shaw indicated that System Administration would review the policy issue and report back to the board. He was comfortable with this specific appointment because a faculty group made the recommendation. It was his assumption that Henry Maier would have been a strong candidate for the

position had it been named after someone else, given his years of experience, and that the faculty would not find themselves in a position of being influenced simply by the availability of dollars. He felt UW-Milwaukee handled the matter well by ensuring that the faculty supported the appointment.

Regent Davis stated that he could not support the resolution because it combined the two issues of the endowed chair and appointment to an adjunct professorship. He thought it necessary to look at the matter in terms of the perception that a position could be purchased for a person by endowing a chair in that person's name. While he was not contending that was the case with this appointment, he was uncomfortable with that appearance. While it could be argued that faculty could prevent such an occurrence, he continued, it also could be argued that faculty would recognize that the initial appointee would not always be in the position and the endowed chair would continue to accrue to the benefit of the university. While he was not making any judgment as to former Mayor Maier's qualifications, he was uncomfortable with the way the questions were packaged in the resolution.

Professor Barbara Borowiecki, chair of the UW-Milwaukee University Committee, stated that establishment of the professorship provided the UW-Milwaukee faculty with the opportunity of finding the person most qualified for that position and that they had not heard from Mr. Maier prior to that time. Noting that the position of adjunct professor was not a tenured faculty position, she added that the former mayor would have a short-term academic staff appointment and would not be joining the faculty permanently. When the chair was established, the faculty concluded that he was unquestionably the best possible candidate for the first appointment. Therefore, the two issues were separate at first, but were brought together by the faculty with a unanimous vote of the Faculty Senate.

If the resolution were defeated, Regent Flores asked if Henry Maier could still be hired as an adjunct professor and if the endowed chair still could be established.

Replying in the affirmative, Vice President Trani added that the Board of Regents would have to approve the naming of any person to that chair. The matter was before the board because it was a named professorship.

Resolution 4086 was adopted on a roll call vote, with Regents Fish, Grover, Hanson, Hassett, Jarvis, Lyon, Nicholas, Schilling and Vattendahl voting "Aye" (9) and Regents Davis, Doughty Luckhardt, Flores, Nikolay and Weinstein voting "No" (5).

- President Schilling presiding -

Named Professorship: UW-Whitewater

Regent Flores moved and Regent Davis seconded Resolution 4087, which was unanimously adopted by the board.

Professorships

Resolution 4087: That, upon recommendation of the Chancellor of the University of Wisconsin-Whitewater and the President of the University of Wisconsin System, the status of George Tesar, Professor of Marketing, be changed to named Irvin L. Young Professor of Entrepreneurship, UW Whitewater University of Wisconsin-Whitewater, effective July 1, 1988.

Xref UW-Whitewater staff - (same, but drop "UW-Whitewater")

R 4087, pp 34-35

Wisconsin Distinguished Professorships: UW-Eau Claire, UW-Madison and UW-Milwaukee

Professorships, Distinguished - Designations to

Presenting Resolution 4088, Regent Flores noted that it had been requested by Regent Davis that future documentation for Wisconsin Distinguished Professor nominees indicate how the candidate could be expected to benefit the economy of the State of Wisconsin.

Upon motion by Regent Flores, seconded by Regent Davis, the following resolution was unanimously adopted by the board:

Resolution 4088: That, upon recommendation of the Chancellor of the University of Wisconsin-Eau Claire and the President of the University of Wisconsin System, John K. Lim, Professor of Biology, School of Arts and Sciences, be designated Wisconsin Distinguished Professor, Biology, School of Arts and Sciences, University of Wisconsin-Eau Claire, effective July 1, 1988;

UW-Eau Claire staff -

John K. Lim designated Wis. Distinguished Professor, R 4088, pp 35-36

UW-Eau Claire

upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, Roger W. Boom, Professor of Metallurgical and Mineral Engineering and Nuclear Engineering, College of Engineering, be designated Wisconsin Distinguished Professor, Metallurgical and Mineral Engineering and Nuclear Engineering, College of Engineering, University of Wisconsin-Madison, effective July 1, 1988;

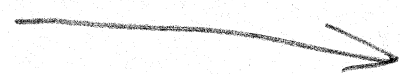
UW-Madison

UW-Milwaukee staff -

Carolyn Rubin & Rosalie L. Jung designated Wis. Distinguished Professor, R 4088, pp 35-36

upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, Carolyn Rubin Aita, Professor, Materials Engineering, College of Engineering and Applied Science, be designated Wisconsin Distinguished Professor, Materials Engineering, College of Engineering and Applied Science, University of Wisconsin-Milwaukee, effective July 1, 1988;

UW-Milwaukee ; and



upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, Rosalie L. Tung, Professor of Business Administration, School of Business Administration, be designated Wisconsin Distinguished Professor, Business Administration, School of Business Administration, University of Wisconsin-Milwaukee, effective July 1, 1988.

→ UW-Milwaukee, R 4088, pp 35-36

#### REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Lyon presented the committee's report.

*Budget presentation on* Instructional Cost Calculations, p. 36

At a portion of the meeting to which all regents were invited, Associate Vice President Cammack and Assistant Vice President Jensen made a presentation on instructional cost calculations in preparation for budget deliberations at the July meetings.

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

Regent Lyon reported on committee review of gifts, grants and contracts for the eleven-month period ending May 20, 1988. The total of \$310.9 million was \$7.0 million more than the same period last year. The federal share increased \$11.3 million, accounted for by an increase in research and instruction of \$9.0 million and \$3.9 million, respectively. This gain was partially offset by a decrease in student aid of \$1.3 million and in extension of \$200,000. The non-federal share decreased \$4.3 million over the prior year, representing a combination of an \$11.3 decrease in extension and a \$2.0 million decrease in instruction, offset by a \$5.7 million increase in research and a \$3.3 million increase in miscellaneous funding.

Resolution 4089, which was unanimously approved by the committee, was moved by Regent Lyon, seconded by Regent Nicholas and adopted unanimously by the board.

Resolution 4089: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

Bequests  
Request of June Gray, R 4090, p. 37

The committee unanimously approved acceptance of the June Gray bequest which would provide approximately \$80,000 to UW-Madison, rather than the \$50,000 stated in the resolution. The bequest would be administered by the College of Letters and Science and used to address current economic issues.

Gray, June - Acceptance of bequest, R 4090, p. 37

Upon motion by Regent Lyon, seconded by Regent Weinstein, Resolution 4090 was adopted unanimously by the board.

Resolution 4090: That, upon the recommendation of the President of the University of Wisconsin System, the bequest of the late June Gray, Oakland, California, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

(SIXTH: I hereby give, devise and bequeath all the rest and residue of my property and estate as follows: (a) Fifty percent (50%) thereof to UNIVERSITY OF WISCONSIN, Madison, Wisconsin.)

(June Gray received a B.A. in Economics in 1924. We estimate our portion of the estate to be in the area of \$50,000.)

Fees

Action on Report on Prepaid Tuition Plan and Other Educational Savings Incentives, R 4091, pp 37-38

Reporting unanimous committee approval of Resolution 4091, Regent Lyon noted that the "Report on Prepaid Tuition Plans and Other Educational Savings Incentives" was presented and discussed at the May meeting. Based upon the May discussion, it had been decided not to recommend a limited deduction for educational expenses. A major change from the report as presented in May was to consolidate the recommendations that the State of Wisconsin endorse adoption of a national proposal, which would exempt interest on U.S. Savings Bonds or other U.S. instruments from taxes if used for educational purposes, and that the feasibility of a state bond program also be studied.

Although the report did not recommend adoption of a prepaid tuition plan, the statute still required the UW System, in conjunction with the Investment Board and the Department of Revenue, to draft legislation for such a plan. If accepted by the board, the report would be forwarded to the Investment Board and Department of Revenue for review. Draft legislation and the final report then would be presented to the board in September or October for review and approval.

Adoption by the board of Resolution 4091 was moved by Regent Lyon and seconded by Regent Fish.



Resolution 4091: That, upon the recommendation of the President of the University of Wisconsin System, the Report on Prepaid Tuition Plans and Other Educational Savings Incentives be accepted by the Board of Regents of the University of Wisconsin System and forwarded to the State Investment Board and the Department of Revenue for review and action.

Regent Weinstein asked if education bonds could be limited in such a way that they could be used only for educational purposes.

Regent Fish replied that the federal proposal was that the bonds would be cashable only by the bursar of an educational institution, which would preclude using them for other purposes. If a student were unable to go to college, the bonds could be cashed, but tax would be collected on the accrued interest.

In response to a question by Regent Davis, Regent Schilling said he thought the Legislature would be understanding of the lack of enthusiasm for a prepaid tuition plan because the national experience had not been favorable. However, the law still required that a bill be written by November 1988.

Regent Weinstein asked if it would be preferable simply to suggest that the Legislature withdraw its mandate to write a bill, rather than spend time drafting legislation which was not endorsed.

President Shaw did not think it would be difficult to draft a bill, since legislation had been written in other states.

Regent Fish pointed out that the board also had been asked to evaluate the feasibility of a prepaid tuition program, and the recommendation against adopting such a plan would be forwarded with the draft legislation.

Regent Schilling added that it would be important to submit the best draft legislation possible, since there was a chance that a prepaid tuition plan might be passed by the Legislature.

Put to the vote, Resolution 4091 was adopted unanimously.

*Fees, Segregated*  
*Request for Segregated Fee Definitions, R4092, pp 38-40*

Continuing the report of the Business and Finance Committee, Regent Lyon noted that, during discussion at the May meeting of the report entitled "Segregated University Fees Policies and Procedures," student representatives presented a resolution asking for a review of the definitions of allocable and nonallocable segregated fees and an opportunity to appeal institutional definitions of those categories. The committee asked System Administration to respond to the student resolution at the June meeting.

In response to that request, Acting Vice President Marnocha recommended that System Administration review existing policies for consistency in definitions, and report back to the committee on any changes which might need to be made. United Council had indicated that students would review their concerns about the definitions in FPPP #37 and might suggest changes in the current language.

System Administration would also review the definitions of allocable and nonallocable fees, submitted by the institutions as part of the May report, and consult with chancellors and students to clarify the definitions. This could result in revisions at the campus level.

The student resolution also had requested that all student government appeals of institutional definitions be heard at the same board meeting. It was reported that this request would not necessitate regent action and that student appeals could be consolidated and addressed at one meeting.

Commenting on the System Administration response, Rob McGinnis, of United Council, indicated that the work done to date was a good start, but that students felt more needed to be done. In order to facilitate the process, he presented a resolution which was discussed by the committee. Reporting that the committee amended and then unanimously approved the resolution, Regent Lyon indicated that there was little difference in intent between the student resolution and what had been recommended by System Administration.

Resolution 4092 was moved by Regent Lyon and seconded by Regent Jarvis.

Resolution 4092: That the University of Wisconsin System Board of Regents calls for a status review of the definitions of allocable and nonallocable segregated fee areas at the individual institutional level. These definitions will be presented to the board at its February 1989 meeting. At that time, the board will also hear any such appeals by students and their representatives on the definitions, as provided by the institutions.

Regent Flores inquired as to the need for a resolution on this matter.

Regent Jarvis said United Council felt that the study would proceed more quickly if initiated by the board.

Regent Davis cautioned that the last sentence in the resolution might commit the board to a very long proceeding.

Regent Schilling recalled that, for other issues on which many people wished to be heard, the regents had listened to them all but limited the amount of time they were permitted to speak.

Regent Davis suggested that a separate hearing might be scheduled as the forum for these appeals.

Regent Lyon explained that, under normal procedures, the appeals would come first to the Business and Finance Committee.

Regent Fish added that the committee felt United Council's intent was to be helpful in promoting internal resolution of disputes so that only those which could not be resolved would come to the regents. It did not appear to the committee that the situation would be unworkable.

Put to the vote, Resolution 4092 was unanimously adopted by the board.

Tax Sheltered Annuities -

→ Action on Recommended Tax Sheltered Annuity (TSA) Criteria for Vendors, R4093, PR40-41

The revised TSA criteria, which were reviewed at the May meeting, were presented to the committee for approval. Associate Vice President Lemon commented on the recently completed Legislative Audit Bureau audit of the tax sheltered annuity program offered by the UW System. He indicated that the recommendations set forth in the LAB report had been addressed in the review process of the TSA Committee.

Mr. James Egan, Chair of the TSA Review Committee, advised that the stated criteria would hold the number of additional vendors to a minimum. The Business and Finance Committee amended the proposed criteria to provide the following guidance to the TSA Review Committee.

1. The total numbers of vendors in the program will not exceed fifteen--the nine current vendors and three new vendors in insurance/pension companies and three new mutual fund families.
2. Amend criteria Part III.B. to allow for the use of a ten-year performance record if there are excessive responders, except for minority-owned companies which will be the most recent five years.
3. Other factors being similar, Wisconsin headquartered firms will be given preference.

It was agreed that the TSA Review Committee preferences concerning product choices would be disclosed to potential TSA vendors when the 1988 criteria were provided to them.

With Regent Fish abstaining, the committee approved Resolution 4093.

Upon motion by Regent Lyon, seconded by Regent Jarvis, Resolution 4093 was adopted by the board, with Regent Fish abstaining from the vote.

Resolution 4093: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents pursuant to Section 36.11(15), Wisconsin Statutes, endorses the attached Tax Sheltered Annuity (TSA) Criteria (as amended) recommended by the Tax Sheltered Annuity Review Committee for qualification of vendors to the University of Wisconsin System for products to be offered to UW System employees effective January 1, 1989.

*Municipal Services -*Campus Plans for Assessment of Municipal Service Charges, p. 41

Reporting on committee review of this matter, Regent Lyon noted that board action at the March 1988 meeting approved guidelines to be used by the institutions for assessing municipal service charges to students. In determining the charges assigned to auxiliary operations, the chancellors were to consult with students before making their recommendations to System Administration.

A summary of the basis upon which each institution planned to assess the municipal service cost was presented to the committee. Also referenced were the student groups which participated in the decision process. Except for UW-Oshkosh, the recommendations of the student groups were approved by the chancellor of the respective campuses. At UW-Oshkosh, the student recommendation to assess faculty and staff by increasing parking fees was not approved by the chancellor, who indicated that the issue needed additional consideration.

Eight institutions had decided to continue the 100 percent across-the-board segregated fee to absorb the municipal service charges. The other six institutions would assess a portion across-the-board, with the remainder assessed to various auxiliary activities such as dormitories and parking. These charges would be reflected in the annual operating budget to come before the regents in July.

*Audits - Request from Jt. Committee on Audit for foundation audits, p. 41*

Report of the Acting Vice President for Business and Finance

Acting Vice President Marnocha reported to the committee on the recent letter from the Joint Committee on Audit, asking that the report on foundation accounts at UW-Stevens Point be expanded to include all UW System institutions. The report should include any accounts with the foundations from which total revenues and expenditures were not processed through the state treasury, accounts which received revenue from activities with which a campus, faculty or staff were affiliated, and foundation accounts to which faculty or staff had sole or partial access. The reporting date had been deferred to November 30, 1988.

The committee was advised that the current reserve for revenue shortfall and other contingencies was estimated to be \$1,318,000. The estimated fee revenue to be carried forward to next year's budget was \$1.2 million.

The committee recessed into closed session to consider trust fund matters and to receive the report on review of responses to the request for proposals from investment counsel applicants.

UNFINISHED AND ADDITIONAL BUSINESS

President Schilling announced that he would communicate with all regents on two matters, one of which was to ascertain committee assignment preferences. Secondly, he wanted to speak with regents as well as President Shaw about what each felt the board should accomplish in the coming year, so that an agenda could be formulated.

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At 11:55 a.m., the following resolution, moved by Regent Lyon, and seconded by Regent Flores, was unanimously adopted on a roll call vote, with Regents Davis, Doughty Luckhardt, Fish, Flores, Grover, Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 4094: That the Board of Regents recess into closed session to consider salary matters, as permitted by s. 19.85(1)(c), Wis. Stats. [possible action item]; to consider appointments as permitted by s. 19.85(1)(c), Wis. Stats. [possible action on appointments of Chancellor, UW-Stout; Vice Chancellor, UW-Parkside; Vice Chancellor, UW-Green Bay; and Dean, UW Center-Barron County]; to consider appointments to the UW-Green Bay and UW-Superior Boards of Visitors, as permitted by s. 19.85(1)(f), Wis. Stats. [possible action item]; and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

*Chancellors - Appointment of*

CLOSED SESSION ACTIONS

The board arose from closed session at 1:40 p.m., having adopted the following resolutions:

*X ref UW-Stout-staff - (same, but drop "UW-Stout")*  
Resolution 4095: That, upon the recommendation of the President of the University of Wisconsin System and the Special Regent Committee, Charles W. Sorensen ~~be appointed~~ <sup>is appointed</sup> Chancellor of the University of Wisconsin-Stout, to take office no later than August 15, 1988, at an annual salary of \$78,000. *UW-Stout, R 4095, p. 42*

*Chancellors - Appointment of*

Resolution 4096: That, upon recommendation of the Chancellor of the University of Wisconsin-Green Bay and the President of the University of Wisconsin System, William G. Kuepper ~~be appointed~~ <sup>is appointed</sup> Interim Vice Chancellor, University of Wisconsin-Green Bay, effective July, 1988 at an annual salary of \$70,000. *UW-Green Bay, R 4096, p. 42*

*UW-Green Bay-staff - (same, but drop "UW-Green Bay")*

UW - Green Bay - Bd. of Visitors - Appointments for terms to 6/91:

Resolution 4097: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of UW-Green Bay, the following persons be appointed to the UW-Green Bay Board of Visitors for terms ending in June 1991:

- Walter N. Blevins, ~~Sturgeon Bay~~
- Mary R. Eickman, ~~Marinette~~
- Michael L. Kaeske, ~~Green Bay~~
- Jeffrey W. Kleiman, ~~Kewaunee and~~
- The Most Rev. Aloysius J. Wycislo, ~~Green Bay~~ R 4097, p. 43

Resolution 4098: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of UW-Superior, the following persons be appointed to the UW-Superior Board of Visitors for terms ending June 30, 1991:

UW - Superior - Board of Visitors - Appointments to 6/91:

- David G. Anderson, ~~Wausau and~~
- Eugene G. McGillis, ~~Superior and~~
- ~~reappointments to 6/91,~~

And that the following persons be reappointed to the UW-Superior Board of Visitors for terms ending June 30, 1991:

- William L. Goligoski, ~~Superior~~
- Ernest J. Korpela, ~~Ashland and~~
- Nan R. Olson, ~~Duluth~~ R 4098, p. 43

Chancellors

Resolution 4099: That, upon recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, John C. Stockwell be appointed Vice Chancellor/Dean of the Faculty, ~~UW-Parkside University of Wisconsin-Parkside, effective August 1, 1988, at an annual salary of \$70,000.~~ R 4099, p. 43

X ref UW - Parkside - Staff - (same, but drop "UW-Parkside")

Resolution 5000: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, Mary Hayes Somers be appointed Dean of the University of Wisconsin ~~UWC - Barron Center - Barron County, effective July 1, 1988 or soon thereafter, at an annual salary of \$48,000.~~ County, R 5000, p. 43

UW Centers - Staff -

UWC - Barron County - (same, but drop "UWC - Barron County")

*Compensation - Approval of*

Resolution 5001: ~~That 1988-89 salary adjustments be approved as listed in Schedule A for the president, vice presidents, chancellors and vice chancellors in the state Executive Pay Plan and in Schedules B and C for faculty and academic staff whose salaries will be above the maximum of Group 6 of the Executive Pay Plan.~~

*in*  
→ R 5001, p. 44

*X ref Salaries - (same)*

The meeting was adjourned at 1:40 p.m.

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

June 30, 1988

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. MIDWEST UNIVERSITIES CONSORTIUM  
FOR INTERNATIONAL ACTIVITIES, INC.  
PRIME CONTRACTOR WITH INDONESIA (GOVERNMENT OF)  
CHAMPAIGN, IL  
INDONESIA SECOND UNIVERSITY DEVELOPMENT PROJECT  
FOR THE PERIOD 01-27-87 THRU 12-31-91 AT A  
\$19,706,925.31 LEVEL  
AWARD # XVII-2  
MSN G E A INTL STU & PROGS (133-L431) 4,514,544.00
  
2. UNITED NATIONS HIGH COMMISSIONER FOR REFUGES  
GENEVA, SWITZERLAND  
UNHCR EMERGENCY MANAGEMENT TRAINING PROGRAM-1988  
FOR THE PERIOD 01-01-88 THRU 12-31-88  
AWARD # 88/AP/VAR/LS/9/OV  
MSN ENGR ENGR PRFSNL DVLP (133-M560) 220,374.00
  
3. SUPPORT WEED CONTROL RESEARCH PROGRAM  
MSN AG&LSC AGRONOMY (133-7714)
 

1,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
1,000.00	SANDOZ CROP PROTECTION DES PLAINES, IL	
		2,000.00
  
4. FORAGE EVALUATION PROGRAM  
MSN AG&LSC AGRONOMY (133-8832)
 

2,000.00	PROFISEED, INC. HAMPTON, IA	
3,900.00	GARST SEED COMPANY COON RAPIDS, IA	
650.00	PETERSON SEED COMPANY, INC. SAVAGE, MN	
		6,550.00

GIFT-IN-KIND

1. MOSINEE PAPER CORPORATION  
MOSINEE, WI  
WET FELT FOR USE IN THE PAPERMAKING LAB.  
MSN EDUC ART
  
2. LUNAR RADIATION CORPORATION  
MADISON, WI  
LUNAR DP4A SCANNER  
MSN HS-MED MEDICAL PHYSICS
  
3. APPLE COMPUTER  
CUPERTINO, CA  
MACINTOSH SE COMPUTER W/ EXTENDED KEYBOARD &  
SOFTWARE  
MSN AG&LSC N RSRCS-FORESTRY



GIFTS, GRANTS AND CONTRACTS  
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GIFT-IN-KIND

4. PURITAN-BENNETT CORPORATION OF MASSACHUSETTS  
WILMINGTON, MA  
AAM222-PURITAN BENNETT ANESTHETIC AGENT MONITOR  
222  
MSN VET M SURGICAL SCI
5. AMERICAN OF MADISON  
MADISON, WI  
FACSIMILE MACHINE  
MSN BUS MANAGMENT INSTIT

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) PREPARATION OF RELATED SERVICES PERSONNEL:  
OCCUPATIONAL AND PHYSICAL THERAPY PRESERVICE  
TRAINING PROJECT  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # GO08730052-88  
MSN GRAD WAISMAN CENTER (144-AG80) 80,893.00
  - 2) PREPARATION OF SCHOOL PSYCHOLOGISTS TO SERVE AS  
CONSULTANTS FOR TEACHERS OF EMOTIONALLY  
DISTURBED CHILDREN  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # GO08730051-88  
MSN EDUC WIS CTR EDUC RES (144-AG81) 97,282.00
  - 3) DOCTORAL TRAINING PROGRAM PERTAINING TO STUDENTS  
WHO ARE SEVERELY INTELLECTUALLY DISABLED  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # HO29D80019  
MSN EDUC REHAB PSYC&SP ED (144-AH13) 77,168.00
  - 4) DOCTORAL LEADERSHIP TRAINING IN THE EVALUATION  
AND MANAGEMENT OF THE HEARING IMPAIRED  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # HO29D80035  
MSN L&S COMMUN DISORDERS (144-AH66) 46,317.00
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) FACULTY DEVELOPMENT IN GIM AND/OR GP  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # 1 D28 PE55024-01  
MSN HS-MED MEDICINE GEN INT MD (144-AH30) 155,064.00
  - 2) NURSE PRACTITIONER TRAINING FOR PRIMARY  
CARE OF THE CHRONICALLY ILL  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # 5 D24 NU00277-03  
MSN HS-NUR (144-AH31) 215,285.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- |    |                                                                                                                                                                              |            |            |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 3) | PROFESSIONAL NURSE TRAINEESHIP PROGRAM<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 2 A11 NU00275-13<br>MSN HS-NUR                                                 | (144-AH60) | 90,758.00  |
| 4) | TRAINEESHIPS FOR STUDENTS IN GRADUATE HEALTH<br>ADMINISTRATION PROGRAMS<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 1 A19 AH00305-01<br>MSN HS-MED PREVENTIVE MED | (144-AH63) | 6,859.00   |
| 5) | PROGRAMS FOR PHYSICIAN ASSISTANTS<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 5 D21 PE15186-09<br>MSN HS-A H ADMINISTRATION                                       | (144-AH64) | 36,210.00  |
| 6) | FACULTY DEVELOPMENT IN FAMILY MEDICINE<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 5 D15 PE55038-02<br>MSN HS-MED FAM MED & PRACT                                 | (144-AH65) | 214,803.00 |
| 7) | RESIDENCY TRAINING IN GIM AND/OR GP<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 5 D28 PE15218-10<br>MSN HS-MED MEDICINE                      GEN INT MD           | (144-AH68) | 167,310.00 |
| 8) | PREDOCTORAL TRAINING IN FAMILY MEDICINE<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 5 D15 PE85035-06<br>MSN HS-MED FAM MED & PRACT                                | (144-AH69) | 131,379.00 |
| 3. | DHHS, PHS, NATIONAL INSTITUTES OF HEALTH<br>BETHESDA, MD<br>IN SUPPORT OF THE FOLLOWING:                                                                                     |            |            |
| 1) | SHORT-TERM RESEARCH TRAINING<br>FOR THE PERIOD 06-01-88 THROUGH 05-31-89<br>AWARD # 5 T35 DKO7389-08<br>MSN HS-MED ADMINISTRATION      DEANS OFFC                            | (144-AG94) | 15,878.00  |
| 2) | TRAINING IN CANCER BIOSTATISTICS<br>FOR THE PERIOD 06-01-88 THROUGH 04-30-89<br>AWARD # 1 T32 CA09565-01A1<br>MSN HS-MED HUMAN ONCOLOGY      CAN C-BIOM                      | (144-AH12) | 40,790.00  |
| 3) | NEUROSCIENCES TRAINING PROGRAM<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # 2 T32 GMO7507-11<br>MSN GRAD      MOLECULAR BIOL      NEUROSCI'S                       | (144-AH29) | 126,000.00 |
| 4) | POSTDOCTORAL TRAINING IN CHEMICAL<br>CARCINOGENESIS<br>FOR THE PERIOD 07-01-88 THROUGH 04-30-89<br>AWARD # 2 T32 CA09020-14<br>MSN HS-MED ONCOLOGY                           | (144-AH32) | 101,880.00 |

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INSTRUCTION

5)	POPULATION, LIFE COURSE AND AGING FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 AG00129-03 MSN GRAD INST-AGING&ADULT	(144-AH53)	110,644.00
6)	PREDOCTORAL TRAINING PROGRAM IN GENETICS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 GMO7133-14 MSN AG&LSC GENETICS	(144-AH55)	298,623.00
7)	TRAINING IN VIRAL ONCOLOGY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 CA09075-14 MSN HS-MED ONCOLOGY	(144-AH56)	186,186.00
8)	POSTDOCTORAL TRAINING PROGRAM IN MEDICAL GENETICS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 GMO7131-12 MSN HS-MED GENETICS	(144-AH59)	128,436.00
9)	PREDOCTORAL TRAINING IN EXPERIMENTAL ONCOLOGY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 CA09135-14 MSN HS-MED ONCOLOGY	(144-AH61)	493,284.00
4.	C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER MSN HS-MED PEDIATRICS	(133-C437)	1,250.00
5.	ABBOTT LABORATORIES LINCOLNSHIRE, IL SLH IMMUNOLOGY TRAINING FUND MSN HS-HYG IMMUNOLOGY TRNING FND	(133-K634)	1,000.00
6.	MULTIPLE DONORS SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING PROGRAM MSN AG&LSC AG ECONOMICS	(133-3859)	7.27

LIBRARIES

1.	MULTIPLE DONORS SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-D098)	505.00
2.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LIBRARY	(133-F070)	1,267.02
3.	UNIVERSITY OF WISCONSIN CREDIT UNION MADISON, WI DEFRAY COST OF ACQUIRING BOOKS FOR A GRADUATE READING ROOM IN POLITICAL SCIENCE MSN GRAD L&S POL SCI	(133-7326)	500.00

GIFTS, GRANTS AND CONTRACTS  
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MISCELLANEOUS

1.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	( TRUST )	8,054.73
2.	XEROX FOUNDATION STAMFORD, CT HAACK, JOHN CHEMISTRY DEPARTMENT DISCRETIONARY FUND MSN L&S CHEMISTRY	( TRUST )	150.00
3.	KERR, RODERICK & BARBARA PLEASANTON, CA BARSCHALL, H. H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	( TRUST )	50.00
4.	GRUNWALD, DAVID & ELLEN PRINCETON, NJ MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY	( TRUST )	50.00
5.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE YEAR IN INDIA PROJECT (700,000 EQUIVALENT IN INDIAN RUPEES TO BE USED IN INDIA) FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO21A80046 MSN G E A INTL STU & PROGS		
6.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS OHDS OLDER BATTERED WOMEN FOR THE PERIOD 03-14-88 THROUGH 06-30-88 AWARD # AGR DTD 03/07/88 MSN L&S SOCIAL WORK	( 144-AG66 )	2,825.00
7.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS PHS NIH SOCIAL WORK WITH REFUGEES - HMONG COURSE FOR THE PERIOD 04-01-88 THROUGH 08-31-88 AWARD # FDH 68135 MSN L&S SOCIAL WORK	( 144-AH76 )	7,500.00
8.	DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC SERVICES MSN ARBOR ARBORETUM	( 133-A056 )	
	1,000.00 ESTATE OF WILLIAM R. MITCHELL MADISON, WI		
	800.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			1,800.00

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

## MISCELLANEOUS

9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-A175)	10,000.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY MEDICINE AND PRACTICE MSN HS-MED FAM MED & PRACT (133-A523)	17,952.00
11.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751)	700.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY (133-B291)	2,000.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EXHIBITION FUNDS MSN L&S ELVJM MUSEUM ART (133-B418)	15,000.00
14.	MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR (133-B430)	
	2,100.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	4,000.00 MINNESOTA MINING AND MANUFACTURING ST PAUL, MN	
		6,100.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM (133-B663)	7,960.00
16.	ICI AMERICAS INC. WILMINGTON, DE SUPPORT PROGRAMS IN MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS (133-C756)	5,000.00
17.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796)	20,000.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP (133-C932)	7,000.00

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

## MISCELLANEOUS

19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAD/CAM PROGRAM MSN ENGR MECHANICAL ENGR	(133-D807)	29,000.00
20.	MULTIPLE DONORS GENERAL ACTIVITY SUPPORT OF THE SPOONER EXPERIMENT STATION MSN AG&LSC SPOONER RES STA	(133-E067)	300.00
21.	ORGANIC SYNTHESSES, INC. COLUMBIA, MO UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-E127)	106.87
22.	MULTIPLE DONORS UNIVERSITY OF WISCONSIN HOSPITAL & CLINICS BURN CENTER MSN HS-HSP ADMINISTRATION ADMIN	(133-E213)	200.00
23.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE	(133-E309)	200.00
24.	MULTIPLE DONORS GENERAL ACTIVITY SUPPORT OF THE ASHLAND EXPERIMENT STATION MSN AG&LSC ASHLAND RES STA	(133-E446)	300.00
25.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	1,552.06
26.	C.D.O. UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED	(133-E649)	5,000.00
27.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE	(133-F102)	223,946.98
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	1,000.00
29.	MULTIPLE DONORS ANALYTICAL SERVICE ACCOUNT MSN HS-PHR PHARMACY	(133-F529)	90.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

30.	RESEARCH IN NURSING AND HEALTH CHICAGO, IL EDITORIAL EXPENSES OF PROFESSIONAL JOURNAL MSN HS-NUR	(133-F673)	1,750.00
31.	MULTIPLE DONORS RESTOR PROGRAM (RESPIRATORY EDUCATION AND SERVICE THROUGH ORGANIZED RESOURCES) MSN HS-HSP ADMINISTRATION ADMIN	(133-F875)	12.00
32.	PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN	(133-GO47)	
	4,303.08	KIWANIS CLUB OF MADISON WEST MADISON, WI	
	1,500.00	FRIENDS OF UNIVERSITY HOSPITAL AND CLINICS MADISON, WI	
	50.00	MULTIPLE DONORS	
			5,853.08
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MATERIALS SCIENCE INDUSTRIAL CONSORTIUM MSN ENGR ENGR EXPER STA MATERLS SC	(133-G075)	9,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	4,500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI	(133-G572)	1,000.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S METEOROLOGY	(133-G869)	271.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARBORETUM EDUCATION COORDINATOR SALARY AND PROGRAM SUPPORT FUND MSN ARBOR ARBORETUM	(133-H948)	4,152.48
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALUMNI CENSUS MSN AC SVC OFF OF REGISTRAR ADMIN	(133-H968)	15,740.00
39.	MULTIPLE DONORS DEAN'S DISCRETIONARY ACCOUNT - FINANCE MSN BUS SCH OF BUSINESS	(133-U187)	495.00

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

## MISCELLANEOUS

40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-J718)	14,000.00
41.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	1,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC AGRONOMY	(133-J821)	3,000.00
43.	MULTIPLE DONORS CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	200.00
44.	MICHIGAN STATE UNIVERSITY EAST LANSING, MI KELLOGG INTERNATIONAL PROGRAM IN HEALTH FELLOWSHIP FOR THE PERIOD 04-01-86 THRU 06-30-89 MSN HS-MED PREVENTIVE MED	(133-K084)	22,102.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM GIFT SUPPORT FUND MSN ARBOR ARBORETUM	(133-K175)	1,700.00
46.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS	(133-K201)	220.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT DISCRETIONARY FUND MSN L&S FRENCH & ITALIAN	(133-K219)	1,600.00
48.	MULTIPLE DONORS DISCRETIONARY ACCOUNT FOR LANDSCAPE DESIGN MSN AG&LSC NR-LANDSCAP ARCH	(133-K394)	7.50
49.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEPARTMENTAL SUPPORT INCLUDING FACULTY SALARIES, SUPPORT STAFF, SUPPLIES AND EQUIPMENT MSN HS-MED ANESTHESIOLOGY	(133-K533)	1,500.00
50.	MULTIPLE DONORS REHABILITATION CENTER DISCRETIONARY FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-K543)	50.00
51.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	1,906.38



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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

52.	CAMBRIDGE UNIVERSITY PRESS NEW YORK, NY EDITORIAL SUPPORT FOR "PSYCHOLOGY OF WOMEN QUARTERLY" MSN L&S PSYCHOLOGY	(133-K768)	2,500.00
53.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE	GEN INT MD (133-K814)	400.00
54.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST	(133-K955)	8,350.00
55.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC	(133-K995)	65.00
56.	MULTIPLE DONORS EDUCATION FOR RENAL DIALYSIS NURSING STAFF MSN HS-HSP ADMINISTRATION ADMIN	(133-L369)	2,507.82
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	700.00
58.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	16,684.94
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TEACHING, RESEARCH AND EXTENSION AWARDS MSN AG&LSC ADMIN-DEAN & DIR	(133-L460)	4,500.00
60.	AMERICAN ASSOCIATION FOR CANCER RESEARCH NEW HAVEN, CT MINORITY SCIENTIST TRAVEL GRANT MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-L507)	350.00
61.	WISCONSIN HOUSING & ECONOMIC DEVELOPMENT AUTHORITY MADISON, WI ELDERLY HEALTH PROBLEMS HANDBOOKS MSN HS-ADM ADMINISTRATION	(133-L601)	10,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REFURBISHMENT AND FURNISHINGS FOR OLIN HOUSE MSN G SERV BLDG SERVICES	(133-L747)	15,000.00
63.	CHEVRON CHEMICAL CO. DALLAS CENTER, IA FLORICULTURE RESEARCH MSN AG&LSC HORTICULTURE	(133-L839)	9,600.00

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64.	TARGET MINNEAPOLIS, MN CENTER FOR RETAILING STUDIES MSN FR&CS FAM RSRC&CNM SC ADMIN	(133-L943)	10,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF EDUCATION ALUMNI ACTIVITIES MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M137)	8,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SMALL BUSINESS CENTER MSN BUS SCH OF BUSINESS	(133-M252)	1,172.47
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT-MANAGEMENT MSN BUS SCH OF BUSINESS	(133-M342)	200.00
68.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	682.13
69.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	6,000.00
70.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	4,456.24
71.	PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	
	1,131.00 MADISON METRO SCHOOL DISTRICT MADISON, WI		
	173.53 MULTIPLE DONORS		
			1,304.53
72.	MULTIPLE DONORS PERITONEAL DIALYSIS PROGRAM FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-M786)	25.00
73.	INTERNATIONAL DEVELOPMENT PROGRAMS OF AUSTRALIAN UNIVERSITIES AND COLLEGES CANBERRA, AUSTRALIA AUSTRALIAN UNIVERSITIES SHORT TERM TRAINING COSTS OF PHILIPPINE SCHOLARS MSN G E A INTL STU & PROGS	(133-M835)	3,200.00

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74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WESTINGHOUSE GRANT TO DEVELOP "SOLVER-Q" CLASS MATERIALS MSN ENGR ELEC & COM ENGR ELEC&COMP (133-M845)	12,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WESTINGHOUSE GRANT OR DESIGN ENVIRONMENT FOR COMPUTER ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP (133-M846)	6,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WESTINGHOUSE GRANT FOR MANUFACTURING SYSTEMS DESIGN AND ANALYSIS MSN ENGR INDUSTRIAL ENGR (133-M847)	12,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MUSEUM COMPUTERIZATION MSN L&S ZOOLOGY (133-M889)	3,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NETHERLANDIC STUDIES SYMPOSIUM MSN L&S GERMAN (133-M895)	600.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLASS OF 1930 STUDENT ART PURCHASE AWARDS FOR THE PERIOD 07-01-88 THRU 07-01-89 MSN UNION GENERAL (133-M899)	700.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SAVANNA RESTORATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH (133-M920)	3,900.00
81.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-O179)	
	6,443.42 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	250.00 MULTIPLE DONORS	
	2,500.00 ROBERT S. SPENCER MEMORIAL FOUNDATION INC. NEW YORK, NY	
		9,193.42
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL AID IN CHEMISTRY MSN L&S CHEMISTRY (133-O478)	10,000.00

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83.	AMERICAN MEDICAL ASSOCIATION EDUCATION AND RESEARCH FOUNDATION CHICAGO, IL SUPPORT MEDICAL SCHOOL PROGRAMS MSN HS-MED	(133-2345)	7,014.10
84.	FOUNDRY EDUCATIONAL FOUNDATION DES PLAINES, IL GRANT TO BE USED AT THE DISCRETION OF THE KEY PROFESSOR IN THE FEF PROGRAM MSN ENGR MET & MIN ENGR	(133-3017)	250.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-3236)	10,000.00
86.	UNRESTRICTED GRANT TO BE USED BY THE DEAN OF THE SCHOOL OF NURSING MSN HS-NUR	(133-4314)	
	25.00 MULTIPLE DONORS		
	1,000.00 MARY E. PAUTZ MADISON, WI		
	25.00 MULTIPLE DONORS		
	1,062.34 AMERICAN SOCIETY FOR PSYCHOSOMATIC OBSTETRICS AND GYNECOLOGY MADISON, WI		
	10.00 MULTIPLE DONORS		
			2,122.34
87.	DEPARTMENT OF CHEMISTRY CHAIRMAN'S DISCRETIONARY GRANT MSN L&S CHEMISTRY	(133-5295)	
	15,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	2,210.00 DOW CHEMICAL COMPANY MIDLAND, MI		
			17,210.00
88.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	1,100.00
89.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	125.00
90.	DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-6718)	
	5,000.00 INSTITUTE OF ELECTRICAL & ELECTRONIC ENGINEERS, INC. NEW YORK, NY		
	4,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	5,000.00 MINNESOTA MINNING & MANUFACTURING ST. PAUL, MN		
			14,000.00

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91.	MULTIPLE DONORS DEPARTMENT OF MATHEMATICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S MATHEMATICS (133-7391)	338.00
92.	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)	866.92
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH (133-7849)	1,950.00
94.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)	75.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF COMMUNICATION ARTS CHAIRMAN'S DISCRETIONARY GRANT MSN L&S COMMUN ARTS (133-8261)	2,000.00
96.	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)	8,000.00
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF AGRICULTURAL ECONOMICS MSN AG&LSC AG ECONOMICS (133-9796)	750.00

## RESEARCH

1.	CETUS CORPORATION EMERYVILLE, CA MATERIALS TRANSFER AGREEMENT MSN VET M PATHOBIOLGCL SCI	
2.	EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED ( TRUST )	138.92
3.	YOUNG, KARL & MARTE MENOMONIE, WI DEPARTMENT OF PLANT PATHOLOGY--RESEARCH ON RED KIDNEY BEAN DISEASE MSN AG&LSC PLANT PATHOLOGY ( TRUST )	1,500.00

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4.	FRCU PROJECT AT CAIRO UNIVERSITY TUBERCULOSIS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	( TRUST )	997.50
5.	KRAUT CABBAGE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY	( TRUST )	
	5,590.25 NATIONAL KRAUT PACKERS ASSOCIATION ST. CHARLES, IL		
	1,150.00 AMSTERDAM-ROTTERDAM BANK N.V. NEW YORK, NY		
			6,740.25
6.	CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA PLANT DISEASE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY	( TRUST )	2,000.00
7.	NEOGEN CORPORATION LANSING, MI DEPARTMENT OF PLANT PATHOLOGY--DISEASES OF VEGETABLE CROPS MSN AG&LSC PLANT PATHOLOGY	( TRUST )	500.00
8.	BUCKMAN LABORATORIES, INC. MEMPHIS, TN DEPARTMENT OF PLANT PATHOLOGY--POTATO AND BEAN DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	( TRUST )	10,000.00
9.	SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF	( TRUST )	
	124.24 GREENWOOD PRESS, INC. WESTPORT, CT		\$ 13.12
	ACADEMIC PRESS NEW YORK, NY		\$ 111.12
	52.52 ACADEMIC PRESS NEW YORK, NY		
			176.76
10.	MCARDLE LABORATORY FOR CANCER RESEARCH--DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	
	946.82 TROY, MARY M. ESTATE MAUSTON, WI		\$ 211.82
	GAJDEL, MRS. PETER WHITEWATER, WI		200.00
	GORDON, MARY M MILWAUKEE, WI		200.00
	MULTIPLE DONORS		335.00
	245.00 HAMPDEN CHARITIES FUND COLUMBUS, WI		
			1,191.82

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11.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY ( TRUST )	815.00
12.	MULTIPLE DONORS IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY ( TRUST )	313.00
13.	AGRICULTURE, DEPT. OF WASHINGTON, DC EPIDEMIOLOGY OF BLUETONGUE VIRUS IN CENTRAL AMERICA AND THE CARIBBEAN: SUPPLEMENTARY SUPPORT FOR THE PERIOD 06-15-87 THROUGH 06-14-90 AT A TOTAL COST OF \$20,174.00 AWARD # 58-319R-7-020, MOD. 1 MSN VET M ADM-RES& GRAD TR ADM-RES&GR (144-Z510)	12,546.00
14.	AGRIC, COOPERATIVE STATE RESEARCH SERVICE WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
	1) CHARACTERIZATION OF THE UBIQUITIN-DEPENDENT PROTEOLYTIC PATHWAY IN PLANTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 88-37262-3368 MSN AG&LSC HORTICULTURE (144-AH10)	90,000.00
	2) DEVELOPMENT OF A COMPREHENSIVE AND ECONOMICALLY SOUND MANAGEMENT SYSTEM FOR THE CONTROL OF BROWN STEM ROT OF SOYBEAN FOR THE PERIOD 06-01-88 THROUGH 05-31-90 AWARD # 88-34103-3371 MSN AG&LSC PLANT PATHOLOGY (144-AH57)	73,186.00
15.	AGRIC, FOREST SERVICE MADISON, WI HOUSING REHABILITATION HANDBOOKS FOR THE PERIOD 02-01-88 THROUGH 12-31-88 AWARD # FP-88-1032 MSN AG&LSC NAT RSRCS- ADMIN (144-AD60)	22,493.00
16.	AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
	1) EVALUATION OF THE GABORONE WEST HOUSING AND FACILITIES HOUSING GUARANTY AND THE BOTSWANA HOUSING FINANCE HOUSING GUARANTY FOR THE PERIOD 04-22-88 THROUGH 06-30-88 AWARD # DAN5301-I-00-5025-00 #10, MOD. 10 MSN AG&LSC LAND TENURE CTR (144-AG70)	9,999.00
	2) ASSESSING THE IMPACT OF LAND TENURE SECURITY ON AGRARIAN DEVELOPMENT IN HONDURAS FOR THE PERIOD 02-01-85 THROUGH 07-31-89 AT A TOTAL COST OF \$470,000.00 AWARD # DAN-5301-I-00-5025-00, MOD. 2 MSN AG&LSC LAND TENURE CTR (144-W379)	270,000.00

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- 3) CONDUCT CASE STUDIES IN THE LES ANGLAIS WATERSHED AND DESIGN BASELINE SURVEY OF THE TARGETED WATERSHED MANAGEMENT PROJECT IN HAITI FOR THE PERIOD 05-06-87 THROUGH 04-30-88 AT A TOTAL COST OF \$102,205.00  
AWARD # DAN-5301-I-00-5025-00 TO5, MOD. 1  
MSN AG&LSC LAND TENURE CTR (144-Z373) 2,205.00
17. COMMERCE, DEPT OF WASHINGTON, DC  
A GOES ARCHIVE-RETRIEVAL SYSTEM FOR THE PERIOD 09-21-84 THROUGH 06-30-88 AT A TOTAL COST OF \$2,004,724.00  
AWARD # NA-84-SAC-00019, MOD. 10  
MSN GRAD SPACE SCI&ENG CT (144-W029) 60,197.00
18. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI  
PRIME CONTRACTOR WITH DED COMMUNITY EDUCATION PROJECT FOR THE PERIOD 01-01-88 THROUGH 12-31-88  
AWARD # P.O. # PAHO2658  
MSN EDUC EDUC ADMIN (144-AH15) 2,916.00
19. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ATTRIBUTION AND SELF-EFFICACY IN MOTHER-INFANT INTERACTION FOR THE PERIOD 12-01-87 THROUGH 11-30-88 AT A TOTAL COST OF \$54,686.00  
AWARD # 1 RO1 MH42479-01A1, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AC70) 3,231.00
- 2) PSYCHOSOCIAL RISK FACTORS FOR DEPRESSION FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AT A TOTAL COST OF \$110,298.00  
AWARD # 5 R29 MH43022-02, MOD. 1  
MSN GRAD INST-AGING&ADULT (144-AD59) 488.00
- 3) PSYCHOLOGICAL AND ECONOMIC WELL-BEING OVER THE LIFE CYCLE FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AT A TOTAL COST OF \$78,391.00  
AWARD # 1 RO1 MH41783-01A1, MOD. 1  
MSN FR&CS FAM RSRC&CNSM SC ADMIN (144-AE77) 356.00
- 4) LONG TERM COMMUNITY TREATMENT OF YOUNG SCHIZOPHRENICS FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AT A TOTAL COST OF \$193,855.00  
AWARD # 5 RO1 MH40886-03, MOD. 1  
MSN L&S SOCIAL WORK (144-AE79) 905.00



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- 5) NEUROPSYCHOLOGY AND DELINQUENCY: A FOLLOWUP  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 1 R01 MH43746-01  
MSN L&S PSYCHOLOGY (144-AG55) 78,947.00
- 6) PSYCHOLOGICAL STRESS AND IMMUNE RESPONSIVENESS  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 R01 MH41659-04  
MSN L&S PSYCHOLOGY PRIMATE LB (144-AG96) 150,214.00
20. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ATLANTA, GA  
PREVENTING INJURIES FROM MARITAL VIOLENCE  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # R49/CCR502584-02  
MSN HS-PSY PSYCHIATRIC INST (144-AF37) 91,917.00
21. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) SYNAPTIC ORGANIZATION IN THE SUPERIOR  
COLLICULUS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 12-01-87 THROUGH 11-30-88  
AT A TOTAL COST OF \$81,203.00  
AWARD # 5 R01 EYO4478-06, MOD. 2  
MSN VET M CMPARTV BIOSCI'S (144-AB64) 1,816.00-
- 2) GENERAL CLINICAL RESEARCH CENTER  
FOR THE PERIOD 12-01-87 THROUGH 11-30-88  
AT A TOTAL COST OF \$550,941.00  
AWARD # 5 M01 RRO3186-03, MOD. 1  
MSN HS-MED SPEC PROJECT UW-GCRC (144-AB74) 354,186.00
- 3) STEREOCHEMISTRY OF POLYKETIDE ANTIBIOTIC  
BIOSYNTHESIS  
FOR THE PERIOD 12-01-87 THROUGH 11-30-88  
AT A TOTAL COST OF \$145,790.00  
AWARD # 5 R01 GM25799-09, MOD. 2  
MSN HS-PHR PHARMACY (144-AC06) 422.00
- 4) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM  
FOR THE PERIOD 12-01-87 THROUGH 11-30-88  
AT A TOTAL COST OF \$154,260.00  
AWARD # 2 R01 EYO1331-13A1, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-AC07) 468.00
- 5) IN VITRO STUDIES OF THE COCHLEAR NUCLEUS  
(REDUCED TO REFLECT DELETION OF TUITION  
REMISSION FROM OTHER CATEGORY)  
FOR THE PERIOD 03-01-88 THROUGH 11-30-88  
AT A TOTAL COST OF \$104,600.00  
AWARD # 2 R01 NS17590-07A1, MOD. 1  
MSN HS-MED NEUROPHYSIOLOGY (144-AC34) 2,891.00-

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- 6) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC MYCOTOXIN  
FOR THE PERIOD 01-01-88 THROUGH 12-31-88  
AT A TOTAL COST OF \$84,002.00  
AWARD # 5 R01 CA15064-16, MOD. 1  
MSN AG&LSC FOOD MICRO&TOXIC (144-AC65) 65,729.00
- 7) MODULATION OF TUMORICIDAL CELLS BY INTESTINAL FLORA  
FOR THE PERIOD 01-01-88 THROUGH 12-31-88  
AT A TOTAL COST OF \$136,813.00  
AWARD # 5 R01 CA36695-02, MOD. 1  
MSN HS-MED SURGERY GEN SURG (144-AC74) 102,774.00
- 8) CYTOTOXIC MACROCYCLES: CYTOCHALIN, PYRROLIZIDINE ANALOGS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 01-01-88 THROUGH 12-31-88  
AT A TOTAL COST OF \$215,227.00  
AWARD # 5 R01 CA17918-14, MOD. 1  
MSN L&S CHEMISTRY (144-AD06) 5,005.00-
- 9) PRESBYOPIA: PSYCHOPHYSICAL MEASURES IN AN ANIMAL MODEL  
FOR THE PERIOD 02-01-88 THROUGH 01-31-89  
AT A TOTAL COST OF \$82,902.00  
AWARD # 5 R01 EYO5636-03, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-AD64) 335.00
- 10) CYTOARCHITECTONIC ATLASES: THALAMUS AND BRAINSTEM  
FOR THE PERIOD 03-01-88 THROUGH 02-28-89  
AT A TOTAL COST OF \$28,151.00  
AWARD # 5 R01 NS19791-05, MOD. 1  
MSN HS-MED NEUROPHYSIOLOGY (144-AD68) 2,293.00
- 11) PHARMACOLOGY OF RESPIRATORY NEURONS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$109,307.00  
AWARD # 2 R01 HL29563-04A2, MOD. 1  
MSN HS-MED PHYSIOLOGY (144-AE56) 673.00-
- 12) PHOSPHATIDYL INOSITOL, PROSTAGLANDINS AND EXCITATION  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$190,375.00  
AWARD # 5 R01 HL16318-30, MOD. 1  
MSN HS-MED PHARMACOLOGY (144-AE91) 990.00-
- 13) METABOLISM OF POLYCYCLIC HYDROCARBONS AND CARCINOGENESIS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$159,771.00  
AWARD # 5 R01 CA16265-14, MOD. 1  
MSN HS-MED PHARMACOLOGY (144-AE94) 1,059.00-

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- 14) RADIATION SENSITIZERS: INTERACTIONS WITH OTHER  
MODALITIES  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$112,385.00  
AWARD # 5 RO1 CA42325-04, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AF11) 9,462.00-
- 15) MUSCLE AND BONE RESPONSE TO EXERCISE IN  
ELDERLY WOMEN  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$70,844.00  
AWARD # 1 RO1 AG07154-01A1, MOD. 1  
MSN HS-MED PREVENTIVE MED (144-AF17) 1,822.00-
- 16) CHARACTERIZATION OF NUTRIENT TRANSPORT INTO BRAIN  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$73,280.00  
AWARD # 5 RO1 DK34415-02, MOD. 1  
MSN AG&LSC NUTRITIONAL SCI (144-AF18) 1,227.00
- 17) CRH SYSTEMS IN PRIMATES  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # 5 RO1 DK35641-03  
MSN HS-PSY PSYCHIATRIC INST (144-AF33) 122,836.00
- 18) LABORATORY STUDIES OF PAIN CONTROL METHODS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$149,300.00  
AWARD # 5 RO1 NS22677-03, MOD. 1  
MSN HS-MED NEUROLOGY (144-AF36) 84.00-
- 19) THE MECHANISM OF SYNTHESIS OF SMALL VIRUSES  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$145,918.00  
AWARD # 5 RO1 AI15342-15, MOD. 1  
MSN GRAD INST MOL VIR INST MOL V (144-AF42) 254.00-
- 20) DEVELOPMENTAL STUDIES ON THE MOTOR SYSTEM  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$202,559.00  
AWARD # 5 RO1 NS14428-11, MOD. 1  
MSN HS-MED ANATOMY (144-AF48) 5,392.00-
- 21) REGULATION OF DEVELOPMENT OF PEPTIDE  
NEURONS IN GUT  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # 5 RO1 DK32978-09  
MSN HS-MED ANATOMY (144-AF49) 120,483.00

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- 22) IGG1 AND IGE RECEPTOR MECHANISMS IN GUINEA  
PIG LUNG  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$68,817.00  
AWARD # 2 RO1 HL33237-04, MOD. 1  
MSN HS-MED MEDICINE RHEUMATOL (144-AF60) 929.00-
- 23) BIOCHEMICAL STUDIES IN CHEMICAL CARCINOGENESIS  
PROJECT #1  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$93,945.00  
AWARD # 2 PO1 CA22484-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF62) 992.00-
- 24) BIOCHEMICAL STUDIES IN CHEMICAL CARCINOGENESIS  
PROJECT #3  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$174,936.00  
AWARD # 2 PO1 CA22484-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF64) 988.00-
- 25) BIOCHEMICAL STUDIES IN CHEMICAL CARCINOGENESIS  
PROJECT #5  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$309,176.00  
AWARD # 2 PO1 CA22484-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF66) 1,984.00-
- 26) MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES  
PROJECT #1  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$378,567.00  
AWARD # 2 PO1 CA22443-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF81) 2,974.00-
- 27) MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES  
PROJECT #2  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$253,157.00  
AWARD # 2 PO1 CA22443-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF82) 2,973.00-
- 28) MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES  
PROJECT #3  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$152,208.00  
AWARD # 2 PO1 CA22443-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF83) 987.00-

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- 29) MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES  
PROJECT #4  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$142,761.00  
AWARD # 2 PO1 CA22443-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF84) 1,981.00-
- 30) MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES  
PROJECT #5  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$262,460.00  
AWARD # 2 PO1 CA22443-11, MOD. 1  
MSN HS-MED ONCOLOGY (144-AF85) 1,987.00-
- 31) ALCOHOL CONSUMPTION, LACTATION AND BREAST  
CANCER RISK  
FOR THE PERIOD 04-05-88 THROUGH 03-31-89  
AWARD # 1 RO1 CA47147-01  
MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (144-AF94) 285,038.00
- 32) VANISHING TWIN AND RELATED DYNAMICS OF THE  
CONCEPTUS  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # 5 RO1 HD19771-02  
MSN AG&LSC VETERINARY SCI (144-AF95) 102,989.00
- 33) DIFFERENTIATION OF CAPILLARY ENDOTHELIAL CELLS  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 RO1 CA28656-08  
MSN L&S ZOOLOGY (144-AF97) 129,445.00
- 34) ENTERIC NEURON ABLATION; ALTERED MOTILITY AND  
SECRETION  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # 5 RO1 DK32594-05  
MSN HS-PHR PHARMACY (144-AG03) 103,106.00
- 35) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$20,004.00  
AWARD # 1 F32 HDO7136-01, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-AG08) 1,008.00
- 36) DEVELOPMENT OF VISUAL ORIENTATION BANDWIDTH IN  
HUMANS  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$66,282.00  
AWARD # 1 RO1 EYO7117-01A1, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AG09) 2,329.00-

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- 37) GLYCOSAMINOGLYCANS AND CAPACITATION OF SPERM  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # 5 R01 HD18345-05  
MSN AG&LSC MEAT& ANIMAL SCI (144-AG11) 94,473.00
- 38) ECOG OPERATIONS OFFICE  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 U10 CA21115-13  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-AG25) 941,462.00
- 39) STATE INCIDENCE COHORT REGISTRY  
OF TYPE I DIABETES  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 R01 DK36904-02  
MSN HS-MED PREVENTIVE MED (144-AG26) 467,646.00
- 40) EASTERN COOPERATIVE ONCOLOGY GROUP-WISCONSIN  
STUDIES  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 U10 CA21076-13  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AG28) 348,501.00
- 41) FACTORS CONTROLLING SUSCEPTIBILITY  
TO MAMMARY CANCER  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS AWARDED)  
FOR THE PERIOD 04-05-88 THROUGH 03-31-89  
AT A TOTAL COST OF \$118,663.00  
AWARD # 2 R01 CA28954-07A1, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AG30) 349.00-
- 42) STRUCTURE AND REPLICATION OF DNA  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 R01 GM14711-22  
MSN GRAD INST MOL VIR INST MOL V (144-AG34) 226,505.00
- 43) REGIONAL PRIMATE CENTER SUPPORT  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 P51 RRO0167-28  
MSN L&S PRIMATE RES CTR (144-AG41) 3,095,220.00
- 44) METABOLISM AND FUNCTION OF THE  
FAT-SOLUBLE VITAMINS  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 P01 DK14881-18  
MSN AG&LSC BIOCHEMISTRY (144-AG51) 422,089.00
- 45) GENETIC AND BIOCHEMICAL STUDIES OF PARAMECIUM  
BEHAVIOR  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 R01 GM22714-14  
MSN GRAD MOLECULAR BIOL (144-AG56) 272,457.00
- 46) VIBROTACTILE SPATIAL INFORMATION FOR SIGHTED  
AND BLIND  
FOR THE PERIOD 05-01-88 THROUGH 04-30-89  
AWARD # 5 R01 EY06719-02  
MSN L&S PSYCHOLOGY (144-AG58) 85,511.00

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47) GENETIC STUDIES WITH CULTIVATED MAMMALIAN CELLS FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 5 R01 GMO6983-29 MSN HS-MED GENETICS	(144-AG62)	174,571.00
48) ALCOHOLISM AND HOMELESSNESS: AN EMPIRICAL ANALYSIS FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 1 R01 AAO7279-01 MSN L&S INST-RES ON POV	(144-AG75)	123,090.00
49) ACTIN AND FIBRONECTIN IN RETINAL VASCULAR DISEASE AND IN PRERETINAL MEMBRANES FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 5 R01 EYO1634-13 MSN HS-MED OPHTHALMOLOGY	(144-AG76)	220,791.00
50) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 F32 ARO7811-03 MSN HS-MED PHYSIOLOGY	(144-AG93)	24,996.00
51) BIOSYNTHESIS OF MACROLIDE ANTIBIOTICS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 R01 GM31925-04A2 MSN HS-PHR PHARMACY	(144-AG98)	155,295.00
52) NEUROGENETICS OF BEHAVIOR FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 2 R01 NS15390-09 MSN AG&LSC GENETICS	(144-AG99)	170,036.00
53) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 7 F32 GM11828-02 MSN L&S CHEMISTRY	(144-AH19)	24,996.00
54) NMR SPECTROSCOPY IN PROTEIN CHEMISTRY FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 R01 GM35976-04 MSN AG&LSC BIOCHEMISTRY	(144-AH20)	234,427.00
55) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 1 F32 GM12381-01 MSN HS-MED PHYSIOLOG CHEM	(144-AH27)	24,996.00
56) BIOSYNTHESIS OF ANTHRACYCLINE ANTIBIOTICS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 R01 CA35381-06 MSN HS-PHR PHARMACY	(144-AH46)	145,543.00

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57)	TRENDS IN SOCIOECONOMIC ACHIEVEMENT ACROSS THE LIFE COURSE FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 1 RO1 AG07604-01 MSN GRAD INST-AGING&ADULT	(144-AH49)	173,816.00
58)	PLATELET ACTIVATION AND POLYMER SURFACE THROMBOGENICITY FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 RO1 HL37351-02 MSN AG&LSC VETERINARY SCI	(144-AH51)	102,612.00
59)	MECHANISMS FOR CARDIAC ARRHYTHMIAS DURING ANESTHESIA FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM25064-09 MSN HS-MED ANESTHESIOLOGY	(144-AH54)	98,862.00
60)	NOVEL MOLECULAR PROBES TO DETECT POINT MUTATIONS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 RO1 GM39715-01 MSN HS-MED ONCOLOGY	(144-AH62)	122,607.00
61)	CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY TREATMENT OF DIABETIC RETINOPATHY FOR THE PERIOD 09-30-77 THROUGH 03-31-89 AT A TOTAL COST OF \$4,053,295.00 AWARD # NO1-EY-7-2148, MOD. 16 MSN HS-MED OPHTHALMOLOGY	(144-K791)	543,627.00
62)	CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY TREATMENT OF DIABETIC RETINOPATHY FOR THE PERIOD 09-30-77 THROUGH 03-31-89 AT A TOTAL COST OF \$1,846,087.00 AWARD # NO1-EY-7-2139, MOD. 19 MSN HS-MED OPHTHALMOLOGY	(144-K794)	193,869.00
63)	DEVELOPMENTAL STUDIES ON THE MOTOR SYSTEM (REDUCED TO REFLECT UNOBLIGATED BALANCE FROM PRIOR BUDGET PERIOD) FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AT A TOTAL COST OF \$205,803.00 AWARD # 5 RO1 NS14428-10, MOD. 1 MSN HS-MED ANATOMY	(144-Z157)	215.00-
64)	SENSORY MOTOR DYSFUNCTIONS RELATED TO FALLING FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$111,171.00 AWARD # 5 RO1 AG06445-02, MOD. 1 MSN EDUC PHYS ED & DANCE PHYS EDUC	(144-Z432)	4,438.00
22.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH RESEARCH TRIANGLE PARK, NC DROSOPHILA MUTAGENESIS TESTING FOR THE PERIOD 09-30-87 THROUGH 09-29-89 AT A TOTAL COST OF \$240,755.00 AWARD # NO1-ES-75182, MOD. 2 MSN L&S ZOOLOGY	(144-AA28)	125,454.00



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23. UNIVERSITY OF VIRGINIA  
CHARLOTTESVILLE, VA  
PRIME CONTRACTOR WITH DHHS PHS NIH  
RANDOMIZED STUDY OF NICARDIPINE IN SUBARACHNOID  
HEMORRHAGE  
FOR THE PERIOD 08-01-87 THROUGH 03-31-91  
AWARD # AGR DTD 04/14/88  
MSN HS-MED SURGERY                      NEUROSURG      (144-AF46)      3,000.00
24. UNIVERISTY OF OREGON  
PORTLAND, OR  
PRIME CONTRACTOR WITH DHHS PHS NIH  
PATTERNED URGE RESPONSE FOR URINARY INCONTINENCE  
FOR THE PERIOD 02-19-88 THROUGH 02-18-89  
AWARD # 2-5519B  
MSN HS-NUR                                              (144-AD78)      125,807.00
25. MAYO FOUNDATION  
ROCHESTER, MN  
PRIME CONTRACTOR WITH DHHS PHS NIH  
IMMUNOTHERAPY FOR RAGWEED INDUCED ASTHMA  
FOR THE PERIOD 02-01-88 THROUGH 01-31-89  
AWARD # AGR DTD 03/18/88  
MSN HS-MED MEDICINE                      ALLRGY&IMM      (144-AG23)      45,854.00
26. UNIVERSITY OF WASHINGTON  
SEATTLE, WA  
PRIME CONTRACTOR WITH DHHS PHS NIH  
SIMULATION RESOURCE IN MASS TRANSPORT  
AND EXCHANGE  
FOR THE PERIOD 12-01-87 THROUGH 11-30-88  
AWARD # SUBCONTRACT 246132  
MSN ENGR      CHEMICAL ENGR                      (144-AH39)      13,509.00
27. UNIVERSITY OF MINNESOTA  
ST. PAUL, MN  
PRIME CONTRACTOR WITH DHHS PHS NIH  
ESTROGEN CARCINOGENESIS AND HORMONE DEPENDENT  
TUMORS  
FOR THE PERIOD 03-01-88 THROUGH 11-30-88  
AWARD # AGR DTD 05/02/88  
MSN HS-MED PATHOL & LAB MED ANAT PATH      (144-AG90)      41,850.00
28. UNIVERSITY OF MINNESOTA  
ST. PAUL, MN  
PRIME CONTRACTOR WITH DHHS PHS NIH  
ESTROGEN CARCINOGENESIS AND HORMONE DEPENDENT  
TUMORS  
FOR THE PERIOD 03-01-88 THROUGH 11-30-88  
AWARD # AGR DTD 05/02/88  
MSN HS-MED PATHOL & LAB MED ANAT PATH      (144-AH05)      29,291.00
29. DOD, AIR FORCE  
BOLLING AFB, DC  
IN SUPPORT OF THE FOLLOWING:

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- 1) PARALLEL SOLUTIONS OF VERY LARGE SPARSE  
LINEAR PROGRAMS  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # AFOSR-86-0172  
MSN L&S      CTR MATH SCI                      (144-AG61)    119,985.00
  
- 2) INTERDISCIPLINARY RESEARCH ON  
VISCOELASTICITY AND RHEOLOGY  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # AFOSR-87-0191  
MSN L&S      CTR MATH SCI                      (144-AG91)    40,500.00
  
30. 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 09-30-88  
AWARD # F19628-87-K-0056  
MSN GRAD     SPACE SCI&ENG CT                 (144-AG84)    50,000.00
  
31. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
IN SUPPORT OF THE FOLLOWING:
  - 1) UNIVERSITY RESEARCH INITIATIVE PROGRAM:  
CENTER FOR ADVANCED PROPULSION SYSTEMS  
(EQUIPMENT PROGRAM)  
FOR THE PERIOD 10-01-86 THROUGH 03-31-89  
AT A TOTAL COST OF \$1,287,720.00  
AWARD # DAALO3-86-G-0199, MOD. 6  
MSN ENGR     MECHANICAL ENGR                   (144-Y620)    289,200.00
  
  - 2) DESIGN, ANALYSIS AND THE USE OF COMPUTER IN  
QUALITY IMPROVEMENT AND IN SENSITIVITY TESTING  
FOR THE PERIOD 04-15-87 THROUGH 04-14-89  
AT A TOTAL COST OF \$75,000.00  
AWARD # DAALO3-87-K-0050, MOD. 2  
MSN L&S     CTR MATH SCI                      (144-Z234)    40,000.00
  
32. DOD, NAVY  
ANNAPOLIS, MD  
BASE LOAD SUPERCONDUCTIVE MAGNETIC ENERGY STORAGE  
FOR THE PERIOD 09-30-87 THROUGH 03-27-90  
AT A TOTAL COST OF \$160,000.00  
AWARD # NOO167-87-K-0095, MOD. 2  
MSN ENGR     ENGR EXPR STA    SUPRCONDCT   (144-AA24)    130,000.00
  
33. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
  - 1) PERFORMANCE MEASUREMENT AND ANALYSIS TECHNIQUES  
FOR PARALLEL AND DISTRIBUTED PROGRAMS  
FOR THE PERIOD 01-01-88 THROUGH 12-31-88  
AWARD # NOO014-88-K-0216  
MSN L&S     COMPUTER SCI                      (144-AC56)    60,000.00

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- 2) ACOUSTICAL TECHNIQUES FOR THE STUDY OF NEKTON AND ZOOPLANKTON AT WATER TYPE BOUNDARIES AND FRONTS IN THE OCEANS  
FOR THE PERIOD 09-01-79 THROUGH 09-30-88  
AT A TOTAL COST OF \$1,387,011.00  
AWARD # NO0014-79-C-0703, MOD. 13  
MSN L&S GEOL & GEOPHYSICS (144-N643) 150,000.00
- 3) EXCITED-STATE PROPERTIES OF SEMICONDUCTOR ELECTRODES AND THEIR APPLICATION TO OPTICAL ENERGY CONVERSION  
FOR THE PERIOD 07-01-85 THROUGH 09-30-89  
AT A TOTAL COST OF \$462,193.00  
AWARD # NO0014-85-K-0631, MOD. 4  
MSN L&S CHEMISTRY (144-W884) 201,543.00
- 4) COLLECTION OF STATISTICS ON THE FREQUENCY OF CLOUD COVER OVER NORTH AMERICA  
FOR THE PERIOD 04-01-87 THROUGH 03-30-89  
AT A TOTAL COST OF \$250,000.00  
AWARD # NO0014-87-K-0436, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-Z641) 100,000.00
34. DOD, NAVY  
WASHINGTON, DC  
VALIDATE ALGORITHMS FOR THE DETERMINATION OF RAINFALL RATES FROM SSM/I MICROWAVE SATELLITE IMAGERY  
FOR THE PERIOD 10-01-85 THROUGH 09-30-88  
AT A TOTAL COST OF \$324,998.00  
AWARD # NO0014-86-K-2001, MOD. 6  
MSN GRAD SPACE SCI&ENG CT (144-X097) 35,000.00
35. UNIVERSITY OF CALIFORNIA -  
SANTA BARBARA  
SANTA BARBARA, CA  
PRIME CONTRACTOR WITH DOD NAVY  
THE PROCESSING AND MECHANICAL PROPERTIES OF HIGH PERFORMANCE MATERIALS  
FOR THE PERIOD 09-15-86 THROUGH 10-14-91  
AT A TOTAL COST OF \$505,568.00  
AWARD # P. O. #VB38640-0, MOD. 2  
MSN ENGR MET & MIN ENGR (144-Y647) 235,668.00
36. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) ROLE OF TRANSIT PEPTIDES IN THE PROPER LOCALIZATION OF NUCLEAR-ENCODED CHLOROPLAST PROTEINS  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # DE-FG02-86ER13526  
MSN L&S BOTANY (144-AG79) 77,000.00

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- 2) ENZYMOLOGY OF BIOLOGICAL NITROGEN FIXATION  
FOR THE PERIOD 05-01-88 THROUGH 04-30-90  
AWARD # DE-FG02-87ER13707  
MSN AG&LSC BIOCHEMISTRY (144-AH06) 79,487.00
- 3) THE ROLE OF PROTEOLYTIC ENZYMES IN DEGRADATION OF  
PLANT TISSUE  
FOR THE PERIOD 05-01-88 THROUGH 04-30-90  
AWARD # DE-FG02-87ER13717  
MSN AG&LSC PLANT PATHOLOGY (144-AH52) 54,000.00
- 4) MEASUREMENT OF METABOLICALLY ACTIVE INORGANIC  
PHOSPHATE IN PLANTS GROWING IN NATURAL AND  
AGRONOMIC SETTINGS & UNDER WATER STRESS  
FOR THE PERIOD 06-01-88 THROUGH 05-31-89  
AWARD # DE-FG02-87ER60568  
MSN L&S BOTANY (144-AH77) 38,000.00
- 5) LIQUID HELIUM FLUID DYNAMICS STUDIES  
FOR THE PERIOD 09-01-86 THROUGH 05-31-89  
AT A TOTAL COST OF \$380,000.00  
AWARD # DE-ACO2-86ER40306, MOD. 2  
MSN ENGR NUC ENGR&E PHYSC (144-Y503) 100,000.00
37. ENERGY, DEPT OF  
LAS VEGAS, NV  
DEVELOPMENT OF THE SYMMETRIC ILLUMINATION,  
ICF TRITIUM PRODUCTION FACILITY, SIRIUS-T  
FOR THE PERIOD 05-04-88 THROUGH 05-03-89  
AWARD # DE-AS08-88DP10754  
MSN ENGR ENGR EXPER STA FUSION TEC (144-AG97) 165,000.00
38. FERMI NATIONAL ACCELERATOR LABORATORY  
BATAVIA, IL  
PRIME CONTRACTOR WITH DOE  
EQUIPMENT FOR THE COLLIDING DETECTOR FACILITY  
(CDF) AT FERMILAB  
FOR THE PERIOD 07-01-83 THROUGH 09-30-88  
AT A TOTAL COST OF \$1,159,500.00  
AWARD # PD 954900, MOD. 8  
MSN L&S PHYSICS (144-U319) 8,500.00
39. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
SYNTHETIC AND CHEMICAL STUDIES OF LIGHT WEIGHT  
METAL HYDRIDES  
FOR THE PERIOD 03-01-87 THROUGH 02-28-89  
AT A TOTAL COST OF \$117,394.00  
AWARD # 1161703, MOD. 1  
MSN L&S CHEMISTRY (144-Y974) 57,282.00
40. LAWRENCE BERKELEY LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH DOE  
SIMULATION OF XUV OPTICAL SYSTEMS  
FOR THE PERIOD 02-23-88 THROUGH 09-30-88  
AWARD # P.O. #4551310  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AH43) 15,000.00

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41. BROWN UNIVERSITY  
PROVIDENCE, RI  
PRIME CONTRACTOR WITH DOE  
MODEL VALIDATIONS STUDIES: COMPARISON OF  
SIMULATED AND OBSERVED CLIMATIC PATTERNS  
FOR THE PERIOD 02-01-88 THROUGH 01-31-89  
AWARD # 175-28426  
MSN ENV ST CTR FOR CLIM RES (144-AD62) 101,266.00
42. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR SURVIVAL  
AND MOVEMENTS OF NECKBAND GEES  
FOR THE PERIOD 08-15-84 THROUGH 09-30-89  
AT A TOTAL COST OF \$281,200.00  
AWARD # 14-16-0009-1511 #15, MOD. 7  
MSN AG&LSC N R-WILDLIF ECOL (144-U891) 111,000.00
43. NATIONAL AERONAUTICS AND SPACE ADMIN  
HAMPTON, VA  
ANALYZE HIGH SPECTRAL RESOLUTION LIDAR DATA  
ACQUIRED DURING THE FIRE CIRRUS EXPERIMENT  
FOR THE PERIOD 05-04-88 THROUGH 05-03-89  
AWARD # NAG-1-882  
MSN L&S METEOROLOGY (144-AH14) 20,000.00
44. NATIONAL AERONAUTICS AND SPACE ADMIN  
HOUSTON, TX  
METEOROLOGICAL INTERACTIVE DISPLAY SYSTEM-II  
FOR THE PERIOD 05-15-86 THROUGH 12-31-88  
AT A TOTAL COST OF \$3,498,900.00  
AWARD # NAS9-17642, MOD. 11  
MSN GRAD SPACE SCI&ENG CT (144-X916) 350,000.00
45. CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 01-01-84 THROUGH 12-31-88  
AT A TOTAL COST OF \$239,838.00  
AWARD # 65B-580912, MOD. 17  
MSN L&S SPACE ASTRON LAB (144-U151) 10,000.00
46. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
IN SUPPORT OF THE FOLLOWING:
- 1) GROWTH OF POTATOES FOR CELSS  
FOR THE PERIOD 05-01-84 THROUGH 11-30-88  
AT A TOTAL COST OF \$584,023.00  
AWARD # NCC-2-301, MOD. 9  
MSN AG&LSC HORTICULTURE (144-U440) 106,000.00
- 2) CO-INVESTIGATOR SUPPORT ON THE GALILEO NET  
FLUX RADIOMETER EXPERIMENT  
FOR THE PERIOD 01-01-85 THROUGH 12-31-89  
AT A TOTAL COST OF \$1,072,684.00  
AWARD # NAS2-12078, MOD. 10  
MSN GRAD SPACE SCI&ENG CT (144-W319) 134,755.00

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

- 1) THE MEASUREMENT OF ATOMIC TRANSITION PROBABILITIES  
OF METAL ATOMS AND IONS OF ASTROPHYSICAL INTEREST  
FOR THE PERIOD 06-01-88 THROUGH 10-31-88  
AWARD # NAG 5-1048  
MSN L&S          PHYSICS                          ( 144-AG85)      23,000.00
- 2) TRAINING IN SATELLITE METEOROLOGY WITH TOVS  
FOR THE PERIOD 04-29-88 THROUGH 09-30-88  
AWARD # NAS5-30518  
MSN GRAD          SPACE SCI&ENG CT                  ( 144-AH45)      25,000.00
- 3) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER  
FOR THE PERIOD 03-10-80 THROUGH 09-30-88  
AT A TOTAL COST OF \$5,790,372.00  
AWARD # NAS5-26078, MOD. 22  
MSN GRAD          SPACE SCI&ENG CT                  ( 144-P296)      240,000.00
- 4) SCIENCE VERIFICATION CALIBRATION, AND  
GUARANTEED TIME OBSERVATIONS OF THE HIGH  
RESOLUTION SPECTROGRAPH OF THE HUBBLE  
SPACE TELESCOPE  
FOR THE PERIOD 09-16-86 THROUGH 09-15-91  
AT A TOTAL COST OF \$212,671.00  
AWARD # NAS5-29368, MOD. 6  
MSN L&S          SPACE ASTRON LAB                      ( 144-Y657)      23,000.00

48. NASA, HEADQUARTERS  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

- 1) FABRY-PEROT GROUND-BASED OBSERVATIONS OF  
COMETS AND THE JUPITER PLASMA TORUS  
FOR THE PERIOD 01-15-88 THROUGH 01-14-89  
AT A TOTAL COST OF \$170,000.00  
AWARD # NAGW-695, MOD. 3  
MSN L&S          PHYSICS                          ( 144-AC79)      45,000.00
- 2) STUDIES OF ULTRAVIOLET INTRINSIC POLARIZATION OF  
STARS  
FOR THE PERIOD 03-01-83 THROUGH 02-28-89  
AT A TOTAL COST OF \$195,619.00  
AWARD # NAGW-422, MOD. 6  
MSN L&S          ASTRONOMY                          ( 144-S871)      34,000.00

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

- 1) MODELLING AND DIAGNOSTIC STUDIES OF THE TROPICAL  
40-50 DAY OSCILLATION  
FOR THE PERIOD 10-01-87 THROUGH 03-31-89  
AT A TOTAL COST OF \$106,469.00  
AWARD # ATM-8746521, MOD. 1  
MSN L&S          METEOROLOGY                      ( 144-AA98)      50,000.00

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- 2) NUMERICAL MODELING OF ICE-STREAM FLOW  
ON A DEFORMING BED  
FOR THE PERIOD 04-15-88 THROUGH 09-30-89  
AWARD # DPP-8716016  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AD29) 55,341.00
- 3) MATERIALS PROCESSING INITIATIVE: NEW ION  
IMPLANTATION TECHNIQUE FOR IMPROVED PERFORMANCE  
OF CUTTING TOOLS AND DIES  
FOR THE PERIOD 05-01-88 THROUGH 10-31-89  
AWARD # DMC-8712461  
MSN ENGR NUC ENGR&E PHYSIC (144-AD55) 255,000.00
- 4) PARAMUTATION OF THE MAIZE R GENE  
FOR THE PERIOD 05-01-88 THROUGH 10-31-89  
AWARD # DMB-8719615  
MSN AG&LSC GENETICS (144-AF54) 90,438.00
- 5) STUDIES OF SURFACE STRUCTURES, PHASE TRANSITIONS  
AND ADATOM INTERACTIONS  
FOR THE PERIOD 05-15-88 THROUGH 10-31-89  
AWARD # DMR-8720778  
MSN L&S PHYSICS (144-AG15) 92,200.00
- 6) PROPENSITY TO SUE IN COMPARATIVE PERSPECTIVE  
FOR THE PERIOD 05-15-88 THROUGH 10-31-90  
AWARD # SES-8722540  
MSN L&S POLITICAL SCI (144-AG35) 79,896.00
- 7) AN INTERDISCIPLINARY RESEARCH PROGRAM IN  
CLIMATOLOGY  
FOR THE PERIOD 05-01-88 THROUGH 10-31-89  
AWARD # ATM-8603295  
MSN ENV ST CTR FOR CLIM RES (144-AG50) 354,000.00
- 8) HIGH FIELD NMR RELAXATION STUDIES OF MOLECULAR  
STRUCTURE AND DYNAMICS IN SOLUTION  
FOR THE PERIOD 04-15-88 THROUGH 09-30-89  
AWARD # CHE-8802373  
MSN L&S CHEMISTRY (144-AG53) 91,300.00
- 9) REU: DEVELOPMENT OF IMMUNITY  
FOR THE PERIOD 10-15-86 THROUGH 03-31-89  
AWARD # DCB-8602751  
MSN L&S ZOOLOGY (144-AG54) 4,000.00
- 10) COLLABORATIVE H-ALPHA AND RADAR MEASUREMENTS OF  
THE COUPLED EXOSPHERE, THERMOSPHERE AND IONOSPHERE  
FOR THE PERIOD 04-15-88 THROUGH 09-30-89  
AWARD # ATM-8800092  
MSN L&S PHYSICS (144-AG59) 78,000.00
- 11) RESEARCH INITIATION: INCREMENTAL DESIGN TOOLS  
FOR DIGITAL SYSTEMS  
FOR THE PERIOD 06-01-88 THROUGH 11-30-90  
AWARD # MIP-8719608  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AG95) 60,000.00

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 12) | NONLINEARITY IN ECONOMICS AND FINANCE<br>FOR THE PERIOD 06-01-88 THROUGH 11-30-89<br>AWARD # SES-8720671<br>MSN L&S      ECONOMICS                                                                                               | (144-AH01) | 48,075.00  |
| 13) | MATHEMATICAL SCIENCES: QUALITATIVE BEHAVIOR OF<br>SOLUTIONS OF ELLIPTIC AND PARABOLIC PARTIAL<br>DIFFERENTIAL EQUATIONS<br>FOR THE PERIOD 05-15-88 THROUGH 10-31-90<br>AWARD # DMS-8801486<br>MSN L&S      MATHEMATICS           | (144-AH09) | 31,401.00  |
| 14) | SEASONAL HEAT BUDGET AND THERMAL STRUCTURE<br>OF THE TROPICAL OCEANS<br>FOR THE PERIOD 05-01-88 THROUGH 10-31-89<br>AWARD # OCE-8722704<br>MSN L&S      METEOROLOGY                                                              | (144-AH11) | 86,284.00  |
| 15) | REU: RESEARCH EXPERIENCE FOR UNDERGRADUATES<br>FOR THE PERIOD 05-15-88 THROUGH 10-31-89<br>AWARD # BBS-8804513<br>MSN AG&LSC BACTERIOLOGY                                                                                        | (144-AH24) | 40,000.00  |
| 16) | REU: UNDERGRADUATE RESEARCH ON THE NATIONAL<br>SURVEY OF FAMILIES AND HOUSEHOLDS<br>FOR THE PERIOD 05-15-88 THROUGH 05-31-89<br>AWARD # BBS-8804996<br>MSN L&S      SOCIOLOGY                                                    | (144-AH25) | 32,169.00  |
| 17) | CONSTRUCTION OF MAXIMUM, A MULTIPLE APPLICATION<br>X-RAY IMAGING UNDULATOR MICROSCOPE<br>(MATERIALS RESEARCH)<br>FOR THE PERIOD 05-15-88 THROUGH 10-31-89<br>AWARD # DMR-8713455<br>MSN ENGR      ELEC & COM ENGR      ELEC&COMP | (144-AH47) | 100,000.00 |
| 18) | REU: RESEARCH EXPERIENCE FOR UNDERGRADUATES<br>FOR THE PERIOD 01-01-88 THROUGH 12-31-88<br>AWARD # ECS-8657655<br>MSN ENGR      ELEC & COM ENGR      ELEC&COMP                                                                   | (144-AH48) | 10,142.00  |
| 19) | MATHEMATICAL SCIENCES: COMPLEX ANALYSIS IN<br>ONE AND SEVERAL VARIABLES<br>FOR THE PERIOD 05-15-84 THROUGH 10-31-89<br>AT A TOTAL COST OF \$411,102.00<br>AWARD # DMS-8400201, MOD. 5<br>MSN L&S      MATHEMATICS                | (144-U442) | 80,830.00  |
| 20) | MATHEMATICAL SCIENCES: SOME PROBLEMS<br>IN NONLINEAR EVOLUTION<br>FOR THE PERIOD 06-01-85 THROUGH 11-30-89<br>AT A TOTAL COST OF \$138,834.00<br>AWARD # DMS-8505531, MOD. 3<br>MSN L&S      MATHEMATICS                         | (144-W745) | 50,959.00  |



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- 21) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
COLLOIDAL AND AEROSOL PHENOMENA  
FOR THE PERIOD 08-01-85 THROUGH 01-31-90  
AT A TOTAL COST OF \$241,700.00  
AWARD # CBT-8451056, MOD. 4  
MSN ENGR CHEMICAL ENGR (144-W895) 54,200.00
- 22) A COMPARATIVE STUDY OF CLASS STRUCTURE IN  
CONTEMPORARY INDUSTRIAL SOCIETIES  
FOR THE PERIOD 10-15-85 THROUGH 06-30-90  
AT A TOTAL COST OF \$165,799.00  
AWARD # SES-8509506, MOD. 1  
MSN L&S INST-RES ON POV (144-X366) 60,000.00
- 23) UNEXPECTED OPTICAL RESPONSE CHARACTERISTICS OF  
TI:LINBO3 GUIDED WAVE ELECTRO-OPTIC DEVICES  
FOR THE PERIOD 02-15-86 THROUGH 07-31-89  
AT A TOTAL COST OF \$246,380.00  
AWARD # ECE-8508024, MOD. 2  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-X622) 81,110.00
- 24) REACTIVE INTERMEDIATES IN ORGANIC SYNTHESIS  
(CHEMISTRY)  
FOR THE PERIOD 07-01-86 THROUGH 12-31-89  
AT A TOTAL COST OF \$284,619.00  
AWARD # CHE-8603163, MOD. 2  
MSN L&S CHEMISTRY (144-Y085) 88,100.00
- 25) ANTARCTIC AUTOMATIC WEATHER STATIONS:  
OPERATIONS AND RESEARCH  
FOR THE PERIOD 07-01-86 THROUGH 12-31-89  
AT A TOTAL COST OF \$702,750.00  
AWARD # DPP-8606385, MOD. 2  
MSN L&S METEOROLOGY (144-Y159) 247,681.00
- 26) ANALYSIS OF DIGITAL TELESEISMIC ARRAY DATA  
FROM THE GREGORY RIFT, KENYA  
FOR THE PERIOD 07-01-86 THROUGH 08-31-88  
AT A TOTAL COST OF \$73,004.00  
AWARD # EAR-8608834, MOD. 3  
MSN L&S GEOL & GEOPHYSICS GEO&PDL R (144-Y205) 13,265.00
- 27) MOLECULAR ORBITAL CALCULATIONS FOR  
TRANSITION METAL COMPLEXES  
FOR THE PERIOD 07-01-86 THROUGH 12-31-89  
AT A TOTAL COST OF \$140,000.00  
AWARD # CHE-8601434, MOD. 2  
MSN L&S CHEMISTRY (144-Y248) 45,000.00
- 28) STRUCTURAL SYSTEMATICS AND BONDING IN  
ORGANOMETALLIC COMPLEXES: NEW UNUSUAL METAL  
CLUSTERS AND CLUSTER CHEMISTRY  
FOR THE PERIOD 12-15-86 THROUGH 05-31-89  
AT A TOTAL COST OF \$332,000.00  
AWARD # CHE-8616697, MOD. 1  
MSN L&S CHEMISTRY (144-Y834) 166,000.00

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 29) | HADROPRODUCTION OF CHARM AND CHARM-STRANGE STATES (PHYSICS)<br>FOR THE PERIOD 02-15-87 THROUGH 07-31-89<br>AT A TOTAL COST OF \$98,000.00<br>AWARD # PHY-8615287, MOD. 1<br>MSN L&S      PHYSICS                            | ( 144-Y904) | 50,000.00 |
| 30) | PREDICTION OF PEAT COMPRESSION<br>FOR THE PERIOD 02-02-87 THROUGH 07-31-89<br>AT A TOTAL COST OF \$143,260.00<br>AWARD # MSM-8617238, MOD. 1<br>MSN ENGR      CIVIL & ENV ENGR                                              | ( 144-Z102) | 70,860.00 |
| 31) | IMAGE SYNTHESIS<br>FOR THE PERIOD 03-15-87 THROUGH 08-31-89<br>AT A TOTAL COST OF \$189,073.00<br>AWARD # ECS-8610544, MOD. 1<br>MSN ENGR      ELEC & COM ENGR      ELEC&COMP                                               | ( 144-Z120) | 89,173.00 |
| 32) | PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 07-01-87 THROUGH 12-31-88<br>AT A TOTAL COST OF \$62,500.00<br>AWARD # ECS-8657655, MOD. 2<br>MSN ENGR      ELEC & COM ENGR      ELEC&COMP                          | ( 144-Z295) | 31,253.00 |
| 33) | STRUCTURE AND DYNAMICS OF POLYATOMIC GAS PHASE MOLECULE PLUS METAL REACTIONS<br>FOR THE PERIOD 05-01-87 THROUGH 10-31-89<br>AT A TOTAL COST OF \$212,750.00<br>AWARD # CHE-8703076, MOD. 1<br>MSN L&S      CHEMISTRY        | ( 144-Z303) | 82,750.00 |
| 34) | NEW APPROACHES TO MODELLING OF TRANSPORT PHENOMENA IN PACKED TUBES<br>FOR THE PERIOD 06-01-87 THROUGH 11-30-89<br>AT A TOTAL COST OF \$120,300.00<br>AWARD # CBT-8618571, MOD. 1<br>MSN ENGR      CHEMICAL ENGR             | ( 144-Z321) | 55,300.00 |
| 35) | TROPICAL GLACIERS AND CLIMATE<br>FOR THE PERIOD 07-15-87 THROUGH 12-31-89<br>AT A TOTAL COST OF \$108,887.00<br>AWARD # EAR-8620093, MOD. 1<br>MSN L&S      METEOROLOGY                                                     | ( 144-Z394) | 57,453.00 |
| 36) | PRESIDENTIAL YOUNG INVESTIGATOR AWARD:<br>SYNTHESIS OF NATURAL PRODUCTS (CHEMISTRY)<br>FOR THE PERIOD 07-01-87 THROUGH 12-31-89<br>AT A TOTAL COST OF \$125,000.00<br>AWARD # CHE-8715689, MOD. 1<br>MSN L&S      CHEMISTRY | ( 144-Z682) | 62,500.00 |
| 37) | MULTIPLY-BONDED SILICON AND BORON COMPOUNDS<br>FOR THE PERIOD 07-01-87 THROUGH 09-30-89<br>AT A TOTAL COST OF \$140,786.00<br>AWARD # CHE-8704353, MOD. 1<br>MSN L&S      CHEMISTRY                                         | ( 144-Z698) | 69,021.00 |

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38)	SPECIALIZATION AND COORDINATION OF INDIVIDUALS IN A COMPLEX ACTIVITY FOR THE PERIOD 07-15-87 THROUGH 12-31-90 AT A TOTAL COST OF \$109,771.00 AWARD # BNS-8517519, MOD. 1 MSN AG&LSC ENTOMOLOGY	(144-Z732)	9,999.00
50.	U.S.-SPAIN JOINT COMMITTEE FOR SCIENTIFIC AND TECHNOLOGICAL COOPERATION MADRID, SPAIN PRIME CONTRACTOR WITH STATE NUCLEAR MAGNETIC RESONANCE STUDIES OF LIVING TISSUE FOR THE PERIOD 06-01-86 THROUGH 05-31-89 AT A TOTAL COST OF \$45,939.00 AWARD # CCA8510098 MSN AG&LSC BIOCHEMISTRY	(144-Y036)	10,163.00
51.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		
1)	SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 06-30-88 AWARD # 607/D4C398, MOD. 20 MSN HS-MED MEDICAL PHYSICS	(144-S852)	4,973.07
2)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-86 THROUGH 09-30-88 AT A TOTAL COST OF \$16,973.25 AWARD # AGR DTD 10-14-86, MOD. 3 MSN HS-MED MEDICINE	DERMATOLGY (144-Y694)	2,424.75
3)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-86 THROUGH 09-30-88 AT A TOTAL COST OF \$37,297.75 AWARD # AGR DTD 10-14-86, MOD. 3 MSN HS-MED MEDICINE	GEN INT MD (144-Y695)	5,328.25
4)	SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING FOR THE PERIOD 04-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$24,235.46 AWARD # 607D75355, MOD. 4 MSN HS-MED RADIOLOGY	DIAGNOSTIC (144-Z288)	4,976.07
52.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	575.00
53.	UNITED WAY OF SOUTH WOOD COUNTY WISCONSIN RAPIDS, WI CANCER RESEARCH MSN HS-MED	(133-A251)	500.00

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54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	33,038.96
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	NUCL MED (133-A529)	61,300.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-A530)	68,388.54
57.	MULTIPLE DONORS PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	490.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA ENERGY RES	(133-A816)	39,000.00
59.	CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA DEPARTMENT OF FORESTRY GENERAL RESEARCH FUND MSN AG&LSC N RSRCS-FORESTRY	(133-A872)	4,500.00
60.	FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	
	500.00 FFR COOPERATIVE W. LAFAYETTE, IN		
	500.00 W-L RESEARCH INC. BAKERSFIELD, CA		
	480.00 MULTIPLE DONORS		
			1,480.00
61.	MULTIPLE DONORS POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC HANCOCK RES STA	(133-C235)	300.00
62.	UNIVERSITY OF GEORGIA ATHENS, GA WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-C298)	1,050.00
63.	MULTIPLE DONORS NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC RURAL SOCIOLOGY	(133-C551)	40.00

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64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNAL COMBUSTION ENGINE RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN (133-C564)	3,000.00
65.	MULTIPLE DONORS LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI (133-C865)	100.00
66.	INTERNATIONAL NUTRITION & GENETICS CORPORATION MINNETONKA, MN HERBICIDE RESEARCH MSN AG&LSC MARSHFLD RES STA (133-C891)	500.00
67.	MULTIPLE DONORS DEFRAY COST OF PROTOTYPE INSTRUMENT TO CONTINUOUSLY MONITOR BLOOD GLUCOSE IN PATIENTS MSN HS-MED MEDICINE NEPHROLOGY (133-D058)	75.00
68.	MIDWEST PICKLE ASSOCIATION GREEN BAY, WI PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE (133-D117)	3,800.00
69.	GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE (133-D127)	
	2,856.00 WISCONSIN BERRY GROWERS ASSOCIATION OREGON, WI	
	4,320.00 MIDWEST FIELD RESEARCH STATION DALLAS CENTER, IA	
		7,176.00
70.	CIBA-GEIGY CORPORATION GREENSBORO, NC VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY (133-D374)	4,500.00
71.	MULTIPLE DONORS WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES (133-D392)	20.00
72.	MIDWEST PICKLE ASSOCIATION GREEN BAY, WI SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY (133-D429)	2,000.00
73.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY (133-D484)	
	1,260.53 ABBOTT LABORATORIES CHICAGO, IL	
	4,000.00 PFIZER, INC. GROTON, CT	
	600.00 RORER PHARMACEUTICALS FORT WASHINGTON, PA	
		5,860.53

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74.	LIPHA CHEMICALS, INC. MILWAUKEE, WI VITAMIN D RESEARCH MSN AG&LSC BIOCHEMISTRY	(133-D547)	5,000.00
75.	DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	
	1,080.00 BECKMAN INSTRUMENTS FULLERTON, CA		
	1,142.00 MULTIPLE DONORS		
			2,222.00
76.	MULTIPLE DONORS TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	(133-E289)	250.00
77.	WISCONSIN WOMEN'S LAW JOURNAL MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-E839)	5,809.51
78.	ONION, CARROT AND GARDEN BEET BREEDING MSN AG&LSC HORTICULTURE	(133-E907)	
	599.52 ASGROW SEED CO. KALAMAZOO, MI		
	288.00 MULTIPLE DONORS		
			887.52
79.	PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	
	1,195.00 MADISON LEUKEMIA COMMITTEE MADISON, WI		
	25.00 MULTIPLE DONORS		
			1,220.00
80.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S	(133-F069)	225.00
81.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	2,367.12
82.	GRASS VARIETY TESTING MSN AG&LSC AGRONOMY	(133-F169)	
	1,500.00 PURE-SEED TESTING, INC. HUBBARD, OR		
	500.00 PICKSEED ONTARIO, CANADA		
	3,000.00 MT EMILY SEEDS, INC. IMBLER, OR		
			5,000.00

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83.	RESEARCH IN KIDNEY TRANSPLANTATION MSN HS-MED SURGERY	(133-F197)	
	1,000.00	UPJOHN COMPANY KALAMAZOO, MI	
	5,853.00	DUPONT CRITICAL CARE WAUKEGAN, IL	
			6,853.00
84.	MULTIPLE DONORS GENERAL FRUIT RESEARCH ACTIVITIES AT THE PENINSULAR STATION MSN AG&LSC PENINSLR RES STA	(133-F369)	300.00
85.	THE PILLSBURY COMPANY MINNEAPOLIS, MN GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	32,000.00
86.	NELSON INDUSTRIES, INC. STOUGHTON, WI ELECTROACOUSTICS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-F648)	35,500.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN	(133-F778)	2,000.00
88.	MULTIPLE DONORS GEOTECHNICAL ENGINEERING PROGRAM SUPPORT MSN ENGR CIVIL & ENV ENGR	(133-F891)	205.00
89.	AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY ALEXANDRIA, VA CARDIOVASCULAR RESEARCH MSN HS-PHR PHARMACY	(133-F905)	5,000.00
90.	MADISON METROPOLITAN SEWERAGE DISTRICT MADISON, WI APPLIED WATER POLLUTION RESEARCH CONSORTIUM MSN ENGR CIVIL & ENV ENGR	(133-F935)	2,651.00
91.	MULTIPLE DONORS GENERAL PICKLE RESEARCH MSN AG&LSC HORTICULTURE	(133-F938)	6,585.60
92.	CYSTIC FIBROSIS FOUNDATION ROCKVILLE, MD CYSTIC FIBROSIS CENTER SUPPORT- SUPPLEMENTAL FUNDS MSN HS-MED PEDIATRICS	(133-F960)	803.84
93.	UPJOHN COMPANY KALAMAZOO, MI DISCRETIONARY FUND FOR DIABETES RESEARCH MSN HS-MED MEDICINE ENDOCRINOL	(133-G024)	800.00

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94.	BERLEX LABORATORIES, INC WAYNE, NJ PHASE II/III DOUBLE BLIND STUDY COMPARING IOTROL 190 MGL/ML WITH METRIZAMIDE FOR LUMBAR MYELOGRAPHY MSN HS-MED RADIOLOGY	(133-G135)	4,613.62
95.	WISCONSIN BERRY GROWERS ASSOCIATION OREGON, WI COLD TOLERANCE OF STRAWBERRY FRUIT BUDS MSN AG&LSC HORTICULTURE	(133-G311)	2,304.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDY TRANSFORMATION OF HEALTH SERVICES IN THE 1980'S ILLUSTRATIONS FROM DANE COUNTY, WI MSN HS-MED FAM MED & PRACT	(133-G556)	2,500.00
97.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	3,032.00
98.	HONEYWELL, INC. MINNEAPOLIS, MN DISTRIBUTED AMPLIFIERS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-G655)	15,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL DEPARTMENTAL OFFICE AND RESEARCH EXPENSES MSN HS-MED ANESTHESIOLOGY	(133-G721)	4,300.00
100.	NOBA, INC. TIFFIN, OH BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	3,125.00
101.	CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	
	3,765.00 THE UPJOHN COMPANY KALAMAZOO, MI		
	100.00 MULTIPLE DONORS		
			3,865.00
102.	RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	700.00



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103.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	84.00
104.	CIBA - GEIGY GREENSBORO, NC WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	1,000.00
105.	MULTIPLE DONORS LIVER DISEASE RESEARCH FUND MSN HS-MED SURGERY	GEN SURG (133-H083)	1,035.00
106.	KRAFT, INC. GLENVIEW, IL BEHAVIOR OF LISTERIA MONOCYTOGENES IN MILK AND MILK PRODUCTS MSN AG&LSC FOOD SCIENCE	(133-H107)	10,000.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADVANCED AUTOMATION AND ROBOTICS RESEARCH CONSORTIUM MSN ENGR MECHANICAL ENGR	(133-H213)	22,000.00
108.	MULTIPLE DONORS DICTIONARY OF AMERICAN REGIONAL ENGLISH MATCHING MSN L&S ENGLISH	(133-H337)	299,000.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACEUTICS FUND MSN HS-PHR PHARMACY	(133-H479)	500.00
110.	AMERICAN CYANAMID CO. MT PROSPECT, IL CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-H971)	500.00
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR ENGR MECHANICS	(133-J102)	1,500.00
112.	POTASH CORPORATION OF SASKATCHEWAN ARLINGTON HEIGHTS, IL SOIL COMPACTION AND PLANT NUTRIENT INTERACTION MSN AG&LSC SOIL SCIENCE	(133-J150)	9,000.00
113.	FISIONS CORPORATION BEDFORD, MA DOUBLE-BLIND MULTICENTER GROUP COMPARATIVE STUDY OF THE EFFICACY AND SAFETY OF NEDOCROMIL IN THE MANAGEMENT OF ASTHMA MSN HS-MED MEDICINE	ALLRGY&IMM (133-J177)	5,750.00

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114.	MERRELL DOW PHARMACEUTICALS, INC. CINCINNATI, OH DOUBLE-BLIND COMPARATIVE STUDY OF MDL 17,043 AND CAPTOPRIL IN PATIENTS WITH MILD TO MODERATELY SEVERE CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE                      CARDIOLOGY    (133-J204)	20,000.00
115.	MUTH (K W) COMPANY, INC. SHEBOYGAN, WI DESIGN TESTS AND PROCEDURES FOR EVALUATION OF SOUND BARRIER MATERIALS AND SOUND BARRIERS FOR AUTOMOBILE APPLICATIONS MSN ENGR    ELEC & COM ENGR    ELEC&COMP    (133-J346)	40,500.00
116.	THE NATIONAL KRAUT PACKERS ASSOCIATION INC. ST. CHARLES, IL WEED RESEARCH MSN AG&LSC HORTICULTURE                      (133-J401)	5,000.00
117.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR    CHEMICAL ENGR                      (133-J762)	14,000.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR    ELEC & COM ENGR    ELEC&COMP    (133-J808)	6,000.00
119.	LIPOSOME TECHNOLOGY, INC. MENLO PARK, CA LIPOSOME DEPENDENT DELIVERY OF OROTIC ACID AND ITS DERIVATIVES FOR THE PERIOD 11-01-85 THRU 07-31-87 AT A 41,905 LEVEL MSN HS-PHR PHARMACY                      (133-J832)	3,223.50
120.	E.R. SQUIBB & SONS, INC. PRINCETON, N.J. ADMINISTRATIVE ACCOUNT FOR STUDY OF LISINOPRIL COMPARED TO ATENOLOL IN HYPERTENSION MSN HS-PHR PHARMACY                      (133-J882)	13,368.00
121.	ENZON SOUTH PLAINFIELD, NJ EVALUATION OF PEG-L-ASPARAGINASE VERSUS NATIVE L-ASPARAGINASE IN THE CANINE LYMPHOSARCOMA MODEL MSN VET M    MEDICAL SCIENCES                      (133-J903)	8,000.00
122.	DAIRYLAND RESEARCH INTERNATIONAL CLINTON, WI AGRONOMIC PERFORMANCE OF ALFALFA BREEDING LINES IN THE WET, COLD SOILS OF WISCONSIN MSN AG&LSC AGRONOMY                      (133-J996)	4,250.00

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123.	DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	
	500.00 BEN & ALICE SEABORNE GRESHAM, WI		
	200.00 MULTIPLE DONORS		700.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STRESS PROBLEMS EXPERIENCED - BOTH PERSONAL AND PROFESSIONAL - BY WISCONSIN BANK EMPLOYEES IN REGARD TO THE CURRENT FARM CRISIS MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-K208)	10,000.00
125.	PFIZER, INC. GROTON, CT SUPPORT FOR GRADUATE STUDENTS MSN HS-PHR PHARMACY	(133-K224)	12,000.00
126.	HEWLETT (WILLIAM AND FLORA) FOUNDATION MENLO PARK, CA DISPUTES PROCESSING RESEARCH PROGRAM FOR THE PERIOD 04-15-86 THRU 06-30-90 AT A \$550,000 LEVEL MSN LAW LAW SCHOOL	(133-K292)	250,000.00
127.	DANISCO BIOTECHNOLOGY LTD. GLOSTRUP, DENMARK ASTAXANTHIN PRODUCTION IN PHAFFIA RHODOZYMA MSN AG&LSC FOOD MICRO&TOXIC	(133-K307)	466.46
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIABETIC RETINAL RESEARCH FUND MSN HS-MED OPHTHALMOLOGY	(133-K318)	3,282.00
129.	EVJUE FOUNDATION MADISON, WI ART HISTORY RESEARCH FUND-EVJUE MSN L&S ART HISTORY	(133-K711)	7,500.00
130.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI ASTER LEAFHOPPER RESEARCH MSN AG&LSC ENTOMOLOGY	(133-K784)	500.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR	(133-K849)	12,000.00
132.	MULTIPLE DONORS ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-K875)	200.00

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133.	UNIVERSITY OF WISCONSIN LACROSSE FOUNDATION, INC. LACROSSE, WI PRODUCTION OF BASE MAPS OF THE CRANBERRY CREEK ARCHAEOLOGICAL DISTRICT IN JUNEAU COUNTY, WI MSN ENGR CIVIL & ENV ENGR (133-K924)	1,300.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY (133-L022)	15,450.00
135.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR (133-L093)	
	15,000.00 SCOTT PAPER CO. PHILADELPHIA, PA	
	15,000.00 THE PROCTER & GAMBLE COMPANY CINCINNATI, OH	
		30,000.00
136.	ROUSSEL UCLAF PARIS, FRANCE ANTIESTROGEN RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-L166)	15,000.00
137.	BRISTOL-MYERS EVANSVILLE, IN EFFICACY OF TRANZODONE IN THE TREATMENT OF FIBROSITIS MSN HS-MED NEUROLOGY (133-L224)	4,700.00
138.	MULTIPLE DONORS SWINE RESEARCH REPORT MSN AG&LSC MEAT& ANIMAL SCI (133-L281)	200.00
139.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY ISOLATION AND ANALYSIS OF HUMAN PIGMENTATION GENES FOR THE PERIOD 04-01-87 THRU 03-31-89 AWARD # 6-408 MSN HS-MED GENETICS (133-L347)	10,000.00
140.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINANT SLUDGE ON WILDLIFE FOR THE PERIOD 02-09-87 THRU 06-30-89 AT A \$18,548 LEVEL (REDUCED TO REFLECT THE CANCELLATION OF P.O. # NRH 96556) AWARD # P.O. #NRG 91538,NRH 96556 MSN AG&LSC N R-RECR RSCRC C (133-L380)	22,000.00-
141.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS (133-L386)	12,000.00

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142.	DELMONT LABORATORIES INC. SWARTHMORE, PA THE EVALUATION OF STAPHAGE LYSATE (SPL), A STAPHYLOCOCCUS BACTERIN PRODUCT, CODE #2852.00, IN CANINE PYODERMA MSN VET M PATHOBIOLGCL SCI	(133-L390)	5,916.00
143.	CAMPBELL SOUP COMPANY FAYETTEVILLE, AR STUDY POTENTIAL USE OF DOUBLE-MUSCLING GENE IN BROILERS MSN AG&LSC POULTRY SCIENCE	(133-L453)	500.00
144.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY MSN AG&LSC BIOCHEMISTRY	(133-L488)	1,050.00
145.	LOREX PHARMACEUTICALS SKOKIE, IL THE USE OF ALPIDEM IN PATIENTS WITH GENERALIZED ANXIETY DISORDER AWARD # LXTO3 MSN HS-PSY PSYCHIATRIC INST	(133-L490)	20,000.00
146.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY EXPERIMENTAL TREATMENT OF ALS FOR THE PERIOD 02-01-87 THRU 01-31-89 MSN HS-MED NEUROLOGY	(133-L522)	6,000.00
147.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI AGRONOMIC TESTS ON DRIED SLUDGE PRODUCTS AWARD # 03933 2222 MSN AG&LSC SOIL SCIENCE	(133-L546)	12,825.00
148.	WISCONSIN ACADEMY OF SCIENCES, ARTS, AND LETTERS MADISON, WI STUDIES OF MARSH BEETLES AT PINE HOLLOW, CEDARBURG BOG, AND CEDARBURG BEECH WOODS MSN AG&LSC ENTOMOLOGY	(133-L547)	100.00
149.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINATED SLUDGE ON WILDLIFE FOR THE PERIOD 04-20-87 THRU 06-30-88 AT A \$30,600 LEVEL AWARD # NRG 92110, NRH 96880 MSN HS-PHR PHARMACY	(133-L563)	34,000.00
150.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAUL S. REINSCH CHINESE STUDIES FELLOWSHIP MSN L&S E ASIAN LANG&LIT	(133-L581)	500.00

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151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL WILDLIFE STUDIES MSN AG&LSC N R-WILDLIF ECOL	(133-L592)	4,000.00
152.	LUNAR RADIATION CORPORATION MADISON, WI 1-ALPHAHYDROXY VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-L597)	1,731.87
153.	KOHLER COMPANY KOHLER, WI DESIGN AND EVALUATE MOTOR/PUMP DRIVE SYSTEM FOR WHIRLPOOL BATH APPLICATION AWARD # 10-075 96-N-09 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L654)	49,000.00
154.	ALFALFA RESEARCH MSN AG&LSC AGRONOMY	(133-L700)	
	1,000.00 CELPRIL INDUSTRIES, INC. MANTECA, CA		
	1,000.00 NORTHRUP KING MINNEAPOLIS, MN		
	2,000.00 PIONEER HI-BRED INT. JOHNSTON, IA		
			4,000.00
155.	AMERICAN ASSOCIATION OF THE COLLEGES OF PHARMACY ALEXANDRIA, VA AN EVALUATION OF A COMPUTER CASE SIMULATION IN THE ASSESSMENT OF PHARMACY STUDENT AND PHARMACIST COMPETENCE FOR THE PERIOD 06-01-87 THRU 05-31-88 MSN HS-PHR PHARMACY	(133-L744)	11,143.00
156.	MULTIPLE DONORS FOREST INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-L817)	250.00
157.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ANALYSIS OF WATER SAMPLES FROM AREA LAKES FOR THE PERIOD 06-01-87 THRU 06-30-88 AWARD # NRG 92434 MSN L&S LIMNOLOGY CTR	(133-L823)	800.00
158.	SMITH (A.O.) CORPORATION MILWAUKEE, WI ANALYSIS OF SURFACE WATERS AND PRECIPITATES AWARD # T-86397, T086743, T-87662 MSN ENGR CHEMICAL ENGR	(133-L939)	6,000.00
159.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY GENETICS EDUCATION AND TRAINING PROGRAM FOR CLERGY FOR THE PERIOD 07-01-87 THRU 12-31-88 AWARD # 11-170 MSN HS-MED GENET CLIN PROG	(133-L962)	5,000.00

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160.	QUAKER OATS COMPANY BARRINGTON, IL DIETARY FIBER, LIPID AND XENOBIOTIC METABOLISM MSN AG&LSC NUTRITIONAL SCI (133-L989)	10,000.00
161.	BECTON DICKINSON AND COMPANY RESEARCH TRIANGLE PARK, NC UW BIOPROCESS AND METABOLIC ENGINEERING CONSORTIUM MSN GRAD BIOTECHNOLOGY CTR ENGR BIOTE (133-M124)	10,000.00
162.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY (133-M167)	2,000.00
163.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI INTERAGENCY AGREEMENT TO PERFORM LICENSING ACTIVITIES FOR THE PERIOD 09-28-87 THRU 09-30-88 AWARD # FDH 65762 PO MSN GRAD WAISMAN CENTER (133-M170)	5,000.00
164.	GRACE (W.R.) AND COMPANY COLUMBIA, MD INCREASING THE SUPPLY AND GENETIC VALUE OF BOVINE EMBRYOS BY IN VITRO MATURATION, FERTILIZATION, DEVELOPMENT, CLONING AND GENE TRANSFER FOR THE PERIOD 10-01-87 THRU 09-30-88 MSN AG&LSC MEAT& ANIMAL SCI (133-M186)	352,413.00
165.	HANA BIOLOGICS, INC. ALAMEDA, CA PROLIFERATED HUMAN PANCREAS CELL TRANSPLANTATION MSN HS-MED SURGERY GEN SURG (133-M194)	7,605.00
166.	MULTIPLE DONORS RICHARD E. SCHWERT MEMORIAL AWARD MSN L&S SOCIAL WORK (133-M256)	25.00
167.	COSTUME SOCIETY OF AMERICA NEW YORK, NY STELLA BLUM AWARD MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-M311)	655.50
168.	WISCONSIN TURKEY FEDERATION MADISON, WI THE CAUSE OF PINKNESS IN OVEN ROASTED TURKEY BREAST MEAT MSN AG&LSC POULTRY SCIENCE (133-M337)	171.90
169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 05-01-88 THRU 06-30-89 MSN GRAD L&S POL SCI (133-M365)	3,120.00

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170.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI USING MRI TO IDENTIFY THE DISTRIBUTION OF LIPOSOMES IN BOTH TUMOR AND NORMAL BRAIN TISSUE MSN HS-MED RADIOLOGY                      DIAGNOSTIC    (133-M385)	8,500.00
171.	TINKER FOUNDATION INCORPORATED NEW YORK, NY TINKER FIELD RESEARCH GRANT FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN L&S      SPANISH & PORT    IBERO-AMER    (133-M555)	15,000.00
172.	SYNTEX LABORATORIES, INC PALO ALTO, CA EVALUATION OF TWO FORMULATIONS OF FLUNISOLIDE NASAL SPRAY IN PATIENTS WITH PERENNIAL ALLERGIC RHINITIS MSN HS-MED MEDICINE                      ALLRGY&IMM    (133-M603)	12,700.00
173.	NAUTILUS RESEARCH CORPORATION MADISON, WI A RANDOMIZED DOUBLE-BLIND STUDY TO DETERMINE THE EFFECTIVENESS OF CARBETAPENTANE CITRATE COMPARED TO PLACEBO IN CHRONIC BRONCHITIS WITH CHRONIC COUGH MSN HS-MED MEDICINE                      PULMON MED    (133-M656)	12,000.00
174.	LIPHA CHEMICALS, INC. MILWAUKEE, WI BIOCONTROL OF DAMPING OFF BY BACILLUS CEREUS STRAIN UW85 MSN AG&LSC PLANT PATHOLOGY                      (133-M678)	15,000.00
175.	PFIZER, INC. NEW YORK, NY AN EIGHT WEEK DOUBLE BLIND NIFEDIPINE GITS STUDY IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS MAINTAINED ON BETA BLOCKER THERAPY AWARD # 86-N-0129 MSN HS-MED MEDICINE                      CARDIOLOGY    (133-M727)	7,500.00
176.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL VASCULAR MICROCORROSION CASTING MSN AG&LSC VETERINARY SCI                      (133-M738)	9,277.50
177.	CIBA-GEIGY SUMMIT, NJ CLINICAL ASSESSMENT OF VITAMIN K DEFICIENCY MSN AG&LSC BIOCHEMISTRY                      (133-M743)	5,000.00
178.	CER CORPORATION LAS VEGAS, NV SECOND INTERNATIONAL WORKSHOP ON HYDRAULIC FRACTURING STRESSES MEASUREMENTS AWARD # P8303-0265-5 MSN ENGR      MET & MIN ENGR                      (133-M783)	10,000.00



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179.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI COMPOSTS TO CONTROL GINSENG DISEASE FOR THE PERIOD 04-25-88 THRU 01-15-91 AWARD # 8811 MSN AG&LSC PLANT PATHOLOGY	(133-M789)	31,208.00
180.	GENERAL FOODS CORP. WHITE PLAINS, NY MICROBIOLOGICAL STABILITY OF FRESH PASTA MSN AG&LSC FOOD MICRO&TOXIC	(133-M822)	4,500.00
181.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR 1988-1993 MSN GRAD AGR & LIFE SCI GENETICS	(133-M823)	35,000.00
182.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-FA-03C MSN HS-MED PHYSIOLOGY	(133-M824)	7,000.00
183.	GEORGIA (UNIVERSITY OF) ATHENS, GA NASPE RESEARCH AND DEVELOPMENT CENTER PROJECT IN MULTI-CULTURAL UNDERSTANDING AWARD # 6117332 MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-M829)	200.00
184.	RIKER LABORATORIES, INC. ST. PAUL, MN EVALUATION OF RIKER COMPOUND S-26308 AS AN ANTITUMOR AGENT IN MICE MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-M830)	81,842.00
185.	WEN-BIN, CHUNG MADISON, WI THE INTERACTION OF PASTEURELLA MULTOCIDA AND/OR BORDETELLA BRONCHISEPTICA WITH SWINE NASAL EPITHELIAL CELLS IN VITRO MSN VET M PATHOBIOLGCL SCI	(133-M831)	4,560.00
186.	MERCK & COMPANY, INC. WEST POINT, PA A RANDOMIZED, PLACEBO CONTROLLED, DOUBLE-BLIND PARALLEL PILOT STUDY OF THE EFFECTS OF ENALAPRIL ON TOTAL MYOCARDIAL ISCHEMIC BURDEN IN HYPERTENSIVE PATIENTS MSN HS-MED MEDICINE CARDIOLOGY	(133-M832)	15,000.00
187.	RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC ACIFLUORFEN-SODIUM FIELD DISSIPATION AND GROUNDWATER STUDY MSN AG&LSC ENTOMOLOGY	(133-M833)	18,648.00

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188.	MULTIPLE DONORS SOIL FERTILITY STUDIES MSN AG&LSC SOIL SCIENCE	(133-M834)	500.00
189.	UNITED STATES PHARMACOPEIAL CONVENTION, INC. ROCKVILLE, MD USP FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN HS-PHR PHARMACY	(133-M836)	12,000.00
190.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI USE OF ATTRACTIVE BAITS TO REDUCE INSECTICIDE APPLICATION IN WISCONSIN CHRISTMAS TREE FARMS FOR THE PERIOD 04-13-88 THRU 03-31-90 AWARD # 8825 MSN AG&LSC ENTOMOLOGY	(133-M839)	35,285.00
191.	COMBUSTION ENGINEERING, INC. WINDSOR, CT ELEMENT COMPOSITION OF RDF AND REFUSE COMPONENTS MSN ENGR CIVIL & ENV ENGR	(133-M840)	63,310.00
192.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-FA-01 MSN HS-MED PHYSIOLOGY	(133-M842)	16,995.00
193.	JOHNSON (ROBERT WOOD) FOUNDATION PRINCETON, NJ COSTS OF TREATING THE CHRONICALLY MENTALLY ILL FOR THE PERIOD 04-15-88 THRU 06-30-89 AWARD # 13168 MSN L&S ECONOMICS	(133-M843)	39,505.00
194.	WEYERHAEUSER COMPANY TACOMA, WA A DETAILED MODEL TO PREDICT AND EXPLAIN TRUSS PLATE PERFORMANCE MSN ENGR CIVIL & ENV ENGR	(133-M844)	14,400.00
195.	PHARMACIA P-L BIOCHEMICALS, INC. MILWAUKEE, WI IMPROVED METHODS FOR CLONING, MAPPING AND SEQUENCING DNA MSN AG&LSC GENETICS	(133-M848)	15,000.00
196.	DANSINGER, MICHAEL MADISON, WI PARASITOLOGY RESEARCH MSN L&S ZOOLOGY	(133-M849)	225.00

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197.	AMERICAN FERTILITY SOCIETY BIRMINGHAM, AL AMERICAN FERTILITY SOCIETY WORKSHOP MSN GRAD BIOTECHNOLOGY CTR	(133-M850)	10,000.00
198.	FINNSUGAR BIOCHEMICALS, INC. SCHAUMBURG, IL USE OF CELLULOSE ENZYMES TO ENHANCE PRESERVATION OF ALFALFA SILAGE MSN AG&LSC DAIRY SCIENCE	(133-M851)	8,000.00
199.	SLOAN (ALFRED P) FOUNDATION NEW YORK, NY FINANCIAL INTERMEDIATION AND MACROECONOMIC BEHAVIOR IN AN INTERNATIONAL ENVIRONMENT FOR THE PERIOD 07-01-88 THRU 06-30-90 AWARD # 88-4-5 MSN L&S ECONOMICS	(133-M857)	170,000.00
200.	CYTRX CORPORATION NORCROSS, GA INVESTIGATION OF SURFACE ACTIVE ADJUVANTS FOR THE PERIOD 09-30-87 THRU 09-30-90 MSN AG&LSC BACTERIOLOGY	(133-M859)	61,497.00
201.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI NITROGEN AVAILABILITY TESTS FOR CORN FOR THE PERIOD 04-25-88 THRU 12-31-90 AWARD # 8808 MSN AG&LSC SOIL SCIENCE	(133-M861)	48,600.00
202.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 03-13-88 THRU 08-31-88 AWARD # 88-11 DAHLMAN MSN AG&LSC NAT RSRCS- ADMIN	(133-M862)	4,000.00
203.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI ON-FARM COMPARISONS OF NO-TILL AND CONVENTIONALLY TILLED CORN FOLLOWING PERENIAL LEGUME-GRASS MIXTURES TO REDUCE SOIL EROSION, FUEL USE, AND LABOR INPUTS FOR THE PERIOD 05-11-88 THRU 02-28-90 AWARD # 8809 MSN AG&LSC AGRONOMY	(133-M863)	12,240.00
204.	MULTIPLE DONORS SKIN DISEASES IN DOMESTIC ANIMALS MSN VET M MEDICAL SCIENCES	(133-M864)	50.00
205.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY EXPERIMENTAL TREATMENT OF ALS FOR THE PERIOD 02-01-88 THRU 01-31-89 MSN HS-MED NEUROLOGY	(133-M865)	32,400.00

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206.	WISCONSIN BEEF COUNCIL, INC. MADISON, WI THE ROLE OF TITIN FILAMENTS IN BEEF TENDERNESS MSN AG&LSC MEAT& ANIMAL SCI (133-M866)	7,000.00
207.	WISCONSIN BEEF COUNCIL, INC. MADISON, WI UTILIZATION OF HEART MUSCLE TO IMPROVE COLOR AND EXTEND SHELF LIFE MSN AG&LSC MEAT& ANIMAL SCI (133-M867)	9,000.00
208.	WISCONSIN MILK MARKETING BOARD MADISON, WI FREEZE CONCENTRATION OF FLUID DAIRY PRODUCTS FOR THE PERIOD 03-01-88 THRU 02-28-91 AWARD # WMMB IV-56 MSN AG&LSC FOOD SCIENCE (133-M869)	54,296.00
209.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI ENZYMIC MODIFICATION OF BUTTERFAT IN SUPERCRITICAL CO2 FOR THE PERIOD 07-01-88 THRU 06-30-91 AWARD # WMMB V-40 MSN AG&LSC FOOD SCIENCE (133-M870)	138,561.00
210.	GREEN BAY FOOD COMPANY GREEN BAY, WI PICKLE CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE (133-M873)	7,500.00
211.	21ST CENTURY GENETICS SHAWANO, WI DEVELOPMENT OF A SELECTION INDEX BASED ON INCOME OVER FEED COST MSN AG&LSC DAIRY SCIENCE (133-M874)	9,500.00
212.	SANDIA NATIONAL LABORATORIES ALBUQUERQUE, NM SANDIA NATIONAL LAB DYOC PROGRAM SUPPORT MSN ENGR CHEMICAL ENGR (133-M876)	1,000.00
213.	EGG PRODUCTS, INC. MUSKEGO, WI HARD COOKED EGG SHELF LIFE MSN AG&LSC POULTRY SCIENCE (133-M877)	1,025.00
214.	BALANCED ENERGY CO. CLINTON, IA EFFECTS OF PROTECTED FATS ON FIBER DEGRADATION IN VITRO MSN AG&LSC DAIRY SCIENCE (133-M880)	2,000.00
215.	ARCHIBALD O. HALLER MADISON, WI FOR RESEARCH ON BRAZIL MSN AG&LSC RURAL SOCIOLOGY (133-M882)	500.00

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216.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC ANOMALOUS SMALL ANGLE X-RAY SCATTERING FROM ION-CONTAINING POLYMERS FOR THE PERIOD 07-01-88 THRU 08-31-90 AWARD # ACS-PRF #20343-AC7 MSN ENGR    CHEMICAL ENGR	(133-M883)	40,000.00
217.	AMERICAN COLLEGE OF VETERINARY DERMATOLOGY CINCINNATI, OH MOLECULAR ANALYSIS OF THE HUMORAL IMMUNE RESPONSE OF DOGS TO STAPHYLOCOCCAL INFECTION: DEVELOPMENT OF TOOLS AND INITIAL APPLICATION MSN VET M    MEDICAL SCIENCES	(133-M884)	5,000.00
218.	ROHM AND HAAS COMPANY SPRING HOUSE, PA RESEARCH ON THE CONTROL OF FOREST TREE INSECTS MSN AG&LSC ENTOMOLOGY	(133-M886)	10,000.00
219.	ROHM AND HAAS COMPANY SPRING HOUSE, PA GENETIC ENGINEERING OF FOREST TREES FOR PEST RESISTANCE MSN AG&LSC HORTICULTURE	(133-M887)	9,600.00
220.	ROSS LABORATORIES COLUMBUS, OH "THE USE OF GUT ELECTROPHYSIOLOGY TO VERIFY THE PLACEMENT OF NASOENTERIC FEEDING TUBES." AWARD # BCO1 MSN HS-MED MEDICINE                      GASTROENT	(133-M888)	3,105.00
221.	KLINGENSTEIN (ESTHER A. AND JOSEPH) FUND, INC. NEW YORK, NY PRIVATIZATION AND STATE INTERVENTION IN THE DELIVERY OF MEDICAL CARE IN GREAT BRITAIN, FRANCE, SWEDEN AND THE U.S.A. 1890-1970 MSN L&S    HISTORY	(133-M891)	25,000.00
222.	MACARTHUR (JOHN D. AND CATHERINE T.) FOUNDATION CHICAGO, IL REGIONAL CONFLICT AND GLOBAL SECURITY: THE NUCLEAR DIMENSION FOR THE PERIOD 05-01-88 THRU 04-30-89 MSN G E A    INTL STU & PROGS	(133-M893)	50,000.00
223.	CYSTIC FIBROSIS FOUNDATION BETHESDA, MD CYSTIC FIBROSIS CENTER SUPPORT FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # C120 9 MSN HS-MED PEDIATRICS	(133-M894)	37,076.00

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224.	AMERICAN HEART ASSOCIATION DALLAS, TX MEMBRANE REGULATION OF PHOSPHATIDYLINOSITOL-4-P KINASE FOR THE PERIOD 07-01-88 THRU 06-30-91 AWARD # 880934 MSN HS-MED PHARMACOLOGY	(133-M896)	99,000.00
225.	MULTIPLE DONORS VETERINARY MEDICINE SURGICAL RESEARCH MSN VET M SURGICAL SCI	(133-M898)	300.00
226.	ROCKEFELLER FOUNDATION NEW YORK, NY EPIDEMIOLOGIC SURVEILLANCE-PRIMARY CARE PROGRAM IN THE LAO PEOPLES DEMOCRATIC REPUBLIC: A PROGRAM OF U.S. - LAO SCIENTIFIC COOPERATION FOR THE PERIOD 04-11-88 THRU 03-31-89 AWARD # GA HS 8828 MSN HS-MED PREVENTIVE MED	(133-M905)	50,000.00
227.	DANE COUNTY PARKS COMMISSION MADISON, WI UNIVERSITY INTERNSHIP AGREEMENT FOR THE PERIOD 05-01-88 THRU 12-31-88 AWARD # 90248 MSN AG&LSC NAT RSRCS- ADMIN	(133-M906)	12,600.00
228.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-88 THRU 06-30-89 AWARD # 88-11 LUND MSN ENGR CIVIL & ENV ENGR	(133-M907)	10,604.16
229.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 04-15-88 THRU 05-14-88 AWARD # 88-11 HESSON MSN ENGR CIVIL & ENV ENGR	(133-M908)	500.00
230.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI MELROSE MOTION CO. - FESTIVAL OF THE LAKES FOR THE PERIOD 05-01-88 THRU 09-05-88 MSN EDUC PHYS ED & DANCE DANCE	(133-M909)	700.00
231.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI A DEMONSTRATION OF LOW INPUT STRATEGIES FOR POTATO/VEGETABLE PRODUCTION ON IRRIGATED SAND FOR THE PERIOD 05-05-88 THRU 03-31-90 AWARD # 8810 MSN AG&LSC HORTICULTURE	(133-M910)	61,490.00

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232.	GREAT LAKES WOOL GROWERS ASSOCIATION LOYAL, WI THE PRODUCTIVITY OF ROMANOV-TARGHEE AND FINN-TARGHEE EWES FOR THE PERIOD 04-01-88 THRU 04-01-89 MSN AG&LSC MEAT& ANIMAL SCI	(133-M912)	2,500.00
233.	HOPKINS CHEMICAL CO. MADISON, WI RESEARCH IN CONVERTING CHEESE WHEY INTO LACTIC ACID FOR THE PERIOD 04-22-88 THRU 10-31-88 MSN ENGR CHEMICAL ENGR	(133-M913)	205,000.00
234.	FOOTVILLE/ORFORDVILLE CHAMBER OF COMMERCE ORFORDVILLE, WI DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH	(133-M917)	925.00
235.	MCGRAW-HILL PUBLICATIONS COMPANY NEW YORK, NY ELECTRONIC CONFERENCE FOR IMPROVED INBOUND MATERIALS CONTROL: SEPTEMBER 7-30, 1988 PRE-TEST OF PROGRAM MSN BUS MANAGMENT INSTIT TRANSPORT	(133-M925)	5,000.00
236.	OGG (FREDERIC A) TRUST FREDERIC A OGG STUDENT AID FUND MSN L&S POLITICAL SCI	(133-0019)	2,550.13
237.	HOWELL (ETTA H) ESTATE LONG BEACH, CA ETTA H HOWELL CANCER RESEARCH FUND MSN HS-MED ONCOLOGY	(133-0555)	4,236.00
238.	MULTIPLE DONORS RETARDED CHILDRENS RESEARCH FUND MSN GRAD WAISMAN CENTER	(133-4168)	64.45
239.	MULTIPLE DONORS MULTIPLE SCLEROSIS RESEARCH MSN HS-MED	(133-4349)	128.20
240.	MULTIPLE DONORS COLLEGE OF AGRICULTURAL AND LIFE SCIENCES DATA PROCESSING ACCOUNT MSN AG&LSC AG ECONOMICS	(133-4821)	2,115.00
241.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	1,500.00 CIBA-GEIGY CORPORATION GREENSBORO, NC		
	1,000.00 ELI LILLY & CO. GREENFIELD, IN		
	6,120.00 INTERNATIONAL NUTRITION AND GENETICS CORPORATION MINNETONKA, MN		
	2,000.00 SANDOZ CROP PROTECTION DES PLAINES, IL		
			10,620.00

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242.	MULTIPLE DONORS SUPPORT RESEARCH AND DEVELOPMENT WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC WIS CTR EDUC RES	(133-5613)	25.49
243.	ELI LILLY & CO. GREENFIELD, IN PLANT DISEASE CONTROL STUDIES MSN AG&LSC PLANT PATHOLOGY	(133-6696)	500.00
244.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	1,200.00 ECOGEN, INC. LANGHORNE, PA		
	5,000.00 THE NATIONAL KRAUT PACKERS ASSOCIATION, INC. ST. CHARLES, IL		
	2,000.00 SANDOZ CROP PROTECTION CORPORATION DES PLAINES, IL		
	250.00 MULTIPLE DONORS		
			8,450.00
245.	MULTIPLE DONORS SUPPORT WISCONSIN CENTER FOR THEATRE RESEARCH MSN L&S COMMUN ARTS	(133-7163)	5.00
246.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	123.18
247.	GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	
	2,000.00 PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA		
	3,750.00 CIBA-GEIGY CORPORATION GREENSBORO, NC		
	11,650.00 INTERNATIONAL NUTRITION & GENETICS CORP. MINNETONKA, MN		
			17,400.00
248.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-8821)	4,500.00
249.	HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	
	2,500.00 CHEVRON CHEMICAL COMPANY DALLAS CENTER, IA		
	2,000.00 CIBA-GEIGY CORPORATION GREENSBORO, NC		
			4,500.00



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250.	THE UPJOHN COMPANY KALAMAZOO, MI STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY	( 133-9123 )	2,000.00
251.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR MECHANICS	( 133-9653 )	2,000.00
252.	WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	( 133-9931 )	
	19,875.00 PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA		
	50.00 MULTIPLE DONORS		
			19,925.00

## STUDENT AID

1.	AMERICAN MEDICAL ASSOCIATION CHICAGO, IL MEDICAL SCHOOL STUDENT FINANCIAL AID MSN HS-MED	( LOANS )	5,905.83
2.	EARNINGS ON MISC. INVESTMENTS KIPP, WILLIAM H.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( TRUST )	44.89
3.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	8,054.72
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAIKIN, GEORGE AND SYLVIA--PRIZE MSN L&S HEBREW & SEM STU	( TRUST )	50.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	( TRUST )	2,750.00
6.	W.B.W. HOWE TRUST ACCOUNT HENDERSONVILLE, NC BARSANTEE, BEATRICE H. ESTATE BARSANTEE, COLONEL HARRY--SCHOLARSHIP FUND IN JOURNALISM MSN L&S JOURN & MASS COM	( TRUST )	828.75

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7.	FOLEY, DIANE M. NORTHAMPTON, MA SLIFKIN, SAM CHARLES--AWARD IN CHEMISTRY MSN L&S CHEMISTRY ( TRUST )	5,000.00
8.	FIRST NATIONAL BANK & TRUST COMPANY NEWTOWN, PA O'SHEA, HARRIET EASTABROOKS ESTATE O'SHEA MICHAEL VINCENT AND HARRIET FRISBIE EASTABROOKS--FELLOWSHIP MSN EDUC EDUC PSYCHOLOGY ( TRUST )	219,445.42
9.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI GILBERT AND EDITH HODGES SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS (135-0007)	15,571.00
10.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WILLIAM J. HAGENAH SCHOLARSHIP IN LAW SCHOOL MSN LAW LAW SCHOOL (135-0012)	500.00
11.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CLIFFORD G. MATHYS MEMORIAL APPELLATE ADVOCACY AWARD MSN LAW LAW SCHOOL (135-0031)	500.00
12.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MAURICE AND MARIE BUTLER LEVEN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (135-0032)	13,429.82
13.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI GEORGE LAIKIN LAW REVIEW AWARD MSN LAW LAW SCHOOL (135-0063)	200.00
14.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-B967)	1,494.45
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. H. EDGERTON MEMORIAL FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-DO34)	1,000.00
16.	WISCONSIN AGLIME ASSOCIATION ARCADIA, WI WISCONSIN AGLIME ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-D769)	500.00
17.	ALPHA ZETA OMEGA PHARMACEUTICAL FRATERNITY MILWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY (133-EO66)	400.00

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18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-E198)	2,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AURORA ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G431)	375.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BOSTON ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G434)	2,006.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BURLINGTON ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G435)	400.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CINCINNATI ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G436)	500.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EAU CLAIRE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G440)	1,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FOND DU LAC ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G441)	1,875.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FT. ATKINSON ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G442)	1,750.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BROWN COUNTY (GREEN BAY) ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G443)	6,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JEFFERSON ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G446)	750.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANITOWOC ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-G451)	1,500.00

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29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARINETTE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G452)	1,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MERRILL ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G453)	1,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MILWAUKEE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G454)	4,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TWIN CITIES ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G455)	1,042.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHINELANDER ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G458)	2,500.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WAUSAU ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G464)	1,000.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WEST BEND ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G465)	1,950.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCOTTSDALE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G471)	1,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHICAGO ALUMNI SCHOLARSHIP-MATCHING MSN G SERV FELLOWS & SCHOLS	(133-G474)	2,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GOGBIC-IRON RANGE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G475)	1,500.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHILADELPHIA ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G477)	1,000.00

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

## STUDENT AID

40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SEATTLE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G478)	950.00
41.	WISCONSIN GOLF COURSE SUPERINTENDENTS ASSOCIATION/ DR. JAMES R LOVE SCHOLARSHIP MADISON, WI WISCONSIN GOLF COURSE SUPERINTENDENTS ASSOCIATION/DR. JAMES R LOVE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-G773)	350.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DENVER (MILE-HI) ALUMNI CLUB MSN G SERV FELLOWS & SCHOLS	(133-H477)	1,600.00
43.	MINNESOTA MINING & MANUFACTURING FOUNDATION ST. PAUL, MN UNDERGRADUATE SCHOLARSHIP IN ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-H550)	5,000.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING FUND FOR POLYGON AWARDS MSN ENGR OPERATIONS	(133-J169)	14,300.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ALUMNI CLUB OF MID-INDIANA MSN G SERV FELLOWS & SCHOLS	(133-J353)	400.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NORTHERN ILLINOIS WISCONSIN ALUMNI MSN G SERV FELLOWS & SCHOLS	(133-J356)	1,500.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR ENGR EXPER STA I COMBUSTN	(133-J551)	20,000.00
48.	CRAY RESEARCH, INC. MINNEAPOLIS, MN SCHOLARSHIP IN ELECTRICAL ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-J999)	1,500.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARSHFIELD ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K675)	100.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WATERTOWN ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K678)	1,000.00

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

## STUDENT AID

51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DELAWARE ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K679)	300.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED L WILDS SCHOLARSHIPS MSN L&S CHEMISTRY	(133-K790)	12,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	2,800.00
54.	MULTIPLE DONORS FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	2,950.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L349)	3,000.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ABRAHAM S. BURACK SCHOLARSHIP MSN L&S ADM-STU ACAD AFF HONORS PRG	(133-L573)	750.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PORTER BUTTS CREATIVE ARTS AWARD (SCHOLARSHIP) MSN UNION GENERAL	(133-L659)	500.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD U. RATCLIFF SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L991)	2,000.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UW REAL ESTATE ALUMNI SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-L992)	500.00
60.	SOCIETY OF REAL ESTATE APPRAISERS CHICAGO, IL SOCIETY OF REAL ESTATE APPRAISERS FOUNDATION SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS	(133-M462)	2,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOAN WERNER SCHOLARSHIP FUND MSN HS-A H ADMINISTRATION	(133-M879)	100.00

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

## STUDENT AID

62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES SHAW SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-M901)	1,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACKERBERG REAL ESTATE/ENTREPRENEURSHIP AWARD MSN BUS SCH OF BUSINESS	(133-M902)	750.00
64.	FINGERHUT CORPORATION MINNETONKA, MN SCHOLARSHIP IN SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS	(133-M921)	1,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS SCHOLARSHIP PROGRAM FOR MINORITY STUDENTS MSN BUS SCH OF BUSINESS	(133-M922)	5,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RREEF SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-M923)	2,500.00
67.	GREEN TREE GARDEN CLUB MILWAUKEE, WI ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM	(133-0976)	1,000.00
68.	BADGER BANKERS CLUB MILWAUKEE, WI BADGER BANKERS CLUB SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-3189)	500.00
69.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN UNDERGRADUATE ENGINEERING SCHOLARSHIP PROGRAM MSN ENGR MECHANICAL ENGR	(133-3954)	5,000.00
70.	INBUSCH (C E & D W) FOUNDATION MILWAUKEE, WI DOROTHY & CHARLES INBUSCH AWARD FOR MERITORIOUS MEDICAL RESEARCH MSN HS-MED	(133-4176)	100.00
71.	MULTIPLE DONORS CHARLES M. FAULHABER AWARD IN THE SCHOOL OF MUSIC MSN L&S SCHOOL OF MUSIC	(133-5418)	100.00
72.	PHI DELTA EPSILON GRADUATE CLUB MILWAUKEE, WI ANNUAL BARDEEN AWARD FOR OUTSTANDING WORK IN ANATOMY MSN HS-MED ANATOMY	(133-5444)	250.00

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

## STUDENT AID

73.	MARATHON ELECTRIC CORPORATION WAUSAU, WI ELECTRICAL AND MECHANICAL ENGINEERING SCHOLARSHIP MSN ENGR (133-6003)	1,500.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ALUMNI CLUB-UWF MATCHING SCHOLARSHIP PROGRAM MSN G SERV FELLOWS & SCHOLS (133-6097)	10,749.55
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELEN C. WHITE AWARD TO TWO SENIOR WOMEN IN THE COLLEGE OF LETTERS & SCIENCE MSN L&S ADMINISTRATION (133-6252)	1,200.00
76.	UNIVERSITY OF WISCONSIN POULTRY SCIENCE CLUB MADISON, WI UNDERGRADUATE SCHOLARSHIP TO STUDENT IN POULTRY SCIENCE MSN AG&LSC ACAD STU AFF ADM (133-7895)	700.00

## UNRESTRICTED

1.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI EXPRESSION OF BOVINE ALPHA (1) CASEIN IN MILK AND TISSUES OF TRANSGENIC MICE FOR THE PERIOD 09-01-87 THRU 08-30-90 AWARD # WMMB 1V-64 MSN AG&LSC DAIRY SCIENCE (133-M054)	155,751.00
2.	MULTIPLE DONORS GI RESEARCH AND EDUCATION DISCRETIONARY FUND MSN HS-MED MEDICINE GASTROENT (133-M650)	500.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALCOA FOUNDATION UNRESTRICTED GRANT TO ENGINEERING MECHANICS MSN ENGR ENGR MECHANICS (133-M881)	2,000.00
4.	MADISON GENERAL HOSPITAL MEDICAL AND SURGICAL FOUNDATION, INC. MADISON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF OBSTETRICS AND GYNECOLOGY MSN HS-MED OBSTET & GYNECOL (133-M900)	8,000.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MOBIL FOUNDATION UNRESTRICTED GRANT MSN L&S CHEMISTRY (133-M911)	7,117.00

TOTAL MADISON 29,837,600.68  
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EXTENSION AND PUBLIC SERVICE	4,743,468.00
INSTRUCTION	2,823,306.27
LIBRARIES	2,272.02
MISCELLANEOUS	692,789.99
RESEARCH	20,985,623.97
STUDENT AID	416,772.43
UNRESTRICTED	173,368.00



GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
UNIVERSITY OF WISCONSIN-MILWAUKEE BILINGUAL/  
BICULTURAL TEACHER TRAINING PROGRAM: TRAINING  
SPANISH BILINGUAL TEACHERS AT EARLY CHILDHOOD,  
ELEMENTARY AND SECONDARY SCHOOL LEVELS  
FOR THE PERIOD 09-01-88 THROUGH 08-31-89  
AWARD # G 008710289-88  
MIL EDUC ADMINISTRATION (144-AH35) 71,280.00
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
PROFESSIONAL NURSE TRAINEESHIP PROGRAM CATALOG  
OF FEDERAL DOMESTIC ASSISTANCE NO. 13.358  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # 2 A11 NU00274-13  
MIL NURS ADMIN DEAN (144-AH34) 61,963.00
3. DOD, ARMY  
WEST POINT, NY  
INTERGOVERNMENTAL PERSONNEL ASSIGNMENT  
AGREEMENT  
FOR THE PERIOD 07-01-88 THROUGH 05-31-89  
MIL L&S CHEMISTRY (144-AG68) 78,240.00
4. ENERGY, DEPT OF  
OAK RIDGE, TN  
PREP-GEST U.W. MILWAUKEE  
FOR THE PERIOD 04-01-88 THROUGH 03-31-89  
AWARD # DE-FG05-88ER75402  
MIL ENG&AS ADMINISTRATION PRECOLLEGE (144-AG57) 14,000.00
5. THE SCIENCE MUSEUM OF MINNESOTA  
ST. PAUL, MN  
INSTRUCTION AND MANUSCRIPT PREPARATION  
MIL L&S PHYSICS (133-A448) 1,100.00
6. JOHNSON CONTROLS FOUNDATION  
MILWAUKEE, WI  
EDUCATORS IN INDUSTRY: A COLLABORATIVE EFFORT IN  
CAREER EDUCATION/YEAR 7.  
FOR THE PERIOD OF 06/01/88 THROUGH 10/31/88  
MIL EDUC EDUC PSYCHOLOGY (133-E612) 2,000.00
7. WISCONSIN ELECTRICAL POWER CO.  
MILWAUKEE, WI  
A COMPUTER GRAPHICAL SIMULATION PACKAGE FOR POWER  
SYSTEM STUDY - PHASE TWO  
FOR THE PERIOD 06/01/87 THROUGH 12/31/88  
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-J673) 12,000.00
8. MILWAUKEE PUBLIC SCHOOLS  
MILWAUKEE, WI  
EDUCATIONAL AND PRACTICAL EXPERIENCE  
IN BROADCAST JOURNALISM WMYS  
FOR THE PERIOD OF 08/22/88 THROUGH 05/21/89  
AWARD # 22495  
MIL L&S MASS COMMUNICATN (133-M871) 13,484.00

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

## INSTRUCTION

9.	JOINT COUNCIL ON ECONOMIC EDUCATION NEW YORK, NY TO CARRY OUT OUR PROJECT ON UNDERSTANDING TAXES FOR TEACHER TRAINING ACTIVITY MIL L&S ECONOMIC EDUC	(133-4849)	2,347.78
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## MISCELLANEOUS

1.	HIGHER EDUCATION CABLE CONSORTIUM MILWAUKEE, WI OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR HECC MIL ED COM PROJECTS	SP P2-HECC (133-L344)	9,104.97
2.	VARIOUS SUMMER EVENINGS OF MUSIC MIL F ARTS METRO ARTS PROG	S EVE MUS (133-M757)	1,283.00
3.	UW-FOUNDATION (COLLEGE OF ENGR. UW-MADISON) MADISON WI AUDITORIUM COMPETITION MIL ARC&UP ADMINISTRATION	ADMIN (133-M837)	1,500.00
4.	UWM FOUNDATION MILWAUKEE WI DEANS DISCRETIONARY ACCOUNT MIL F ARTS ADMINISTRATION	ADMIN (133-M853)	800.00
5.	VILAS TRUST MADISON, WI INTERNATIONAL ART SONG FESTIVAL MIL F ARTS MUSIC	(133-M914)	15,000.00
6.	LIPPINCOTT (J B) COMPANY CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SCHOOL OF NURSING MIL NURS ADMIN	DEAN (133-7653)	7,709.07

## RESEARCH

1.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:		
1)	STRUCTURE AND FUNCTION OF THE ENZYMES OF B-OXIDATION FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 5R01GM32504-02 MIL L&S CHEMISTRY	(144-AG67)	96,194.00
2)	DEVELOPMENTAL CHANGES IN TIME-GATED WORD IDENTIFICATION FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 1 R15 NS26017-01 MIL A H P SPCH PATH & AUD	(144-AG89)	35,711.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

3)	VASCULAR DAMAGE AND ANGIOTENSIN CONVERTING ENZYME FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 1 R15 HL 40444-01 MIL A H P MEDICAL TECHNOL	(144-AH02)	35,956.00
4)	MECHANISMS REGULATING GROWTH AND SEXUAL MATURATION IN THE RAT FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 1 R15 DK 40078-01 MIL A H P HEALTH SCIENCES	(144-AH03)	37,347.00
2.	ENERGY, DEPT OF ARGONNE, IL INELASTIC ELECTRON SCATTERING FROM SURFACES FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # DE-FG02-84ER45076A004 MIL L&S PHYSICS	(144-U462)	99,248.00
3.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	ACTUALISTIC STUDIES OF FIRE ON CONTEMPORARY AFRICAN LANDSCAPES FOR THE PERIOD 05-01-88 THROUGH 10-31-89 AWARD # BNS-8802819 MIL L&S ANTHROPOLOGY	(144-AG18)	9,520.00
2)	INDUCED FRACTURE STRESS MEASUREMENT IN ROCK FOR THE PERIOD 06-01-88 THROUGH 11-30-90 AWARD # MSM-8809274 MIL ENG&AS CIVIL ENGINEER'G	(144-AH08)	59,392.00
3)	ACQUISITION OF A 500 MHZ NMR SPECTROMETER FOR THE PERIOD 05-15-88 THROUGH 10-31-90 AWARD # DIR-8719808 MIL L&S CHEMISTRY	(144-AH70)	45,000.00
4)	RESEARCH IN GRAVITY, QUANTIZED FIELDS, AND RELATIVISTIC ASTROPHYSICS FOR THE PERIOD 06-01-88 THROUGH 11-30-89 AWARD # PHY-8603173-02 MIL L&S PHYSICS	(144-X875)	84,000.00
4.	THE SCIENCE MUSEUM OF MINNESOTA ST. PAUL, MN RESEARCH AND MANUSCRIPT PREPARATION MIL L&S PHYSICS	(133-A447)	1,100.00
5.	ELECTRON EMISSION CHARACTERISTICS OF SPUTTERED LANTHANUM HEXABORIDE MIL L&S PHYSICS	(133-E596)	
	1,975.00	MIDWEST MICROSCOPY RESEARCH MILWAUKEE, WI	
	4,880.00	MIDWEST THIN FILMS MILWAUKEE, WI	
	350.00	MIDWEST RESEARCH MICROSCOPY MILWAUKEE, WI	

7,205.00

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

## RESEARCH

6.	UWM FOUNDATION (SHAW RESEARCH FUND) MILWAUKEE, WI SHAW RESEARCH FUND MIL L&S      BIOLOGICAL SCI	(133-F467)	1,000.00
7.	UWM FOUNDATION (809) ALUMNI HOUSE MILWAUKEE, WISCONSIN STRUCTURAL TESTING RESEARCH CEAS MIL ENG&AS CIVIL ENGINEER'G	(133-H679)	1,098.19
8.	INCELL CORP. MILWAUKEE, WI UNRESTRICTED DISCRETIONARY RESEARCH OF PROFESSOR GEORGE SOSNOVSKY MIL L&S      CHEMISTRY	(133-J653)	900.00
9.	UWM FOUNDATION MILWAUKEE, WI ELECTRON SPECTROSCOPY FOR CHEMICAL ANALYSIS MIL ENG&AS MATERIALS	(133-J671)	5,000.00
10.	AMERICAN CHEMICAL SOCIETY-PETROLEUM RESEARCH FUND WASHINGTON, DC SYNTHETIC APPROACH TOWARD PLANAR FOUR COORDINATE CARBON AWARD # 18262-AC14-SF88 MIL L&S      CHEMISTRY	(133-K692)	4,500.00
11.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI INTERNATIONAL LABORATORY FOR VISITOR STUDIES MIL L&S      PSYCHOLOGY	(133-L165)	5,000.00
12.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI DOCTORAL INTERNSHIP PROGRAM ON POWER PLANT RENOVATION FOR THE PERIOD 06/01/88 THROUGH 05/31/89 AWARD # C34281P-1 MIL ENG&AS MECHANICAL ENGR	(133-L715)	15,000.00
13.	UWM FOUNDATION MILWAUKEE, WI CONCRETE/CEMENT R&D LABORATORY FUND MIL ENG&AS CIVIL ENGINEER'G	(133-M595)	500.00
14.	CAROLYN MORSE SHOREWOOD, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MIL L&S      PSYCHOLOGY	(133-M838)	100.00
15.	ENRON HOUSTON, TX DATA RECOVERY AT THE MANOQUE SITE (47 RD-249), ROCK COUNTY, WI MIL L&S      ANTHROPOLOGY	(133-M841)	76,000.00

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

## RESEARCH

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 16. | THE JOHNSON'S WAX FUND, INC.<br>RACINE, WI<br>THE THIRD PHASE OF A TWENTY YEAR LONGITUDINAL<br>STUDY OF RACE AWARENESS AMONG KINDERGARTEN<br>CHILDREN<br>MIL EDUC    EXCEPTIONAL EDUC                    (133-M854)                                  | 3,000.00  |
| 17. | MILWAUKEE COUNTY<br>MILWAUKEE, WI<br>PROJECT DEFINITION PORTION OF THE WORK PROGRAM<br>OF THE MILWAUKEE COUNTY RESEARCH PARK<br>CORPORATIONS LAND USE AND SITE DEVELOPMENT<br>COMMITTEE<br>MIL ARC&UP ARCH&U P RES CTR                    (133-M855) | 3,000.00  |
| 18. | AMERICAN CHEMICAL SOCIETY<br>PETROLEUM RESEARCH FUND<br>WASHINGTON, DC<br>MECHANISM OF REVERSE SPILLOVER FROM HYDROGEN<br>BRONZES<br>AWARD # ACS-PRF#20472-AC5<br>MIL L&S    CHEMISTRY                            (133-M856)                         | 25,000.00 |
| 19. | ELECTRIC POWER RESEARCH INSTITUTE<br>PALO ALTO, CA<br>SOLIDIFICATION PROCESSING OF METAL MATRIX -<br>FLYASH PARTICLE COMPOSITES<br>AWARD # EPRI RP2422-18<br>MIL ENG&AS MATERIALS                            (133-M885)                              | 30,000.00 |
| 20. | HUFFY<br>WAUKESHA, WI<br>BASKETBALL FORCE DETERMINATION<br>FOR THE PERIOD 05/16/88 THROUGH 06/13/88<br>AWARD # CHECK #08020187<br>MIL ENG&AS CIVIL ENGINEER'G                    (133-9372)                                                          | 1,200.00  |

## STUDENT AID

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>PELL GRANT PROGRAM<br>FOR THE PERIOD 07-01-87 THROUGH 06-30-88<br>AWARD # PO08802948<br>MIL STU AF FINANCIAL AID    PROV'L&SUP    (148-B088) | 284,097.00 |
| 2. | MASON (EDNA LOUISE) ESTATE<br>WAUKESHA, WI<br>EDNA LOUISE MASON SCHOLARSHIP FUND<br>MIL STU AF FINANCIAL AID                            (133-7205)                                   | 1,832.68   |

TOTAL MILWAUKEE                                    1,259,712.69  
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INSTRUCTION	256,414.78
MISCELLANEOUS	35,397.04
RESEARCH	681,971.19
STUDENT AID	285,929.68

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH ROCKVILLE, MD PROFESSIONAL NURSE TRAINEESHIP PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 A11 NU00346-0 EAU NURSG NURSING	(144-8055)	22,243.00
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RESEARCH

1. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC INTRAMOLECULAR ELECTRON TRANSFER IN CYTOCHROME C-FERROCENE DERIVATIVES FOR THE PERIOD 06-01-88 THROUGH 08-31-89 AWARD # CHE-8511729 EAU ART&SC CHEMISTRY	(144-8080)	33,000.00
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TOTAL EAU CLAIRE		55,243.00
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INSTRUCTION	22,243.00
RESEARCH	33,000.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC SPECIAL SERVICES FOR DISADVANTAGED STUDENTS FOR THE PERIOD 07-01-88 THROUGH 08-31-89 AWARD # GO08740187-88 GBY UG STU ACAD SUPP	(144-AH67)	181,000.00
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## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN ARBORETUM DIRECTOR'S GRANT GBY COM PR GENERAL	(133-K756)	11,469.00
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## RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY CHICAGO, IL ON-SITE COORDINATION FOR MASS BALANCE, MODEL DEVELOPMENT FOR THE BAY OF GREEN BAY, LAKE MICHIGAN FOR THE PERIOD 01-01-88 THROUGH 08-30-88 AWARD # RO05930-02 GBY I RES LAND&WATER STUDY	(144-AG60)	39,421.00
2. CLIFTON, JAMES A GREEN BAY, WI ETHNOHISTORICAL RESEARCH GBY CR COM HUMANISTIC STU	(133-M179)	200.00
3. WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI USING REGULATED SOLID WASTE AS RESOURCES: AGRICULTURAL LAND SPREADING OF COOL BOTTOM AND FLY ASH GBY ENV SC SCI & ENVIR CHG	(133-M875)	20,341.00

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$5,730.00 AWARD # RO08702950, MOD. 2 GBY STU SV FINANCIAL AIDS	(144-Y222)	20.00
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TOTAL GREEN BAY	252,451.00
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INSTRUCTION	181,000.00
MISCELLANEOUS	11,469.00
RESEARCH	59,962.00
STUDENT AID	20.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - LACROSSE

## EXTENSION AND PUBLIC SERVICE

1. WICONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
CONFERENCE ON SOUTH AMERICAN POLITICS AND CULTURE  
FOR THE PERIOD 04-01-88 THROUGH 06-30-88  
AWARD # FY88-14L  
LAC EX DIV EXTENDED SVCS      EXT SVCS      (144-0620)      3,250.00
2. GUNDERSON CLINIC  
LACROSSE, WI  
CONTRACT FOR GRAD ASSISTANTS - EXERCISE  
PHYSIOLOGY AT GUNDERSON CLINIC  
FOR THE PERIOD 06-01-88 THRU 05-31-88  
LAC H,PE&R LAC EXERCISE PRG      (133-2708)      16,640.00
3. UW LACROSSE FOUNDATION  
LACROSSE, WI  
HONORARIUM PLUS TRAVEL FOR GUEST SPEAKER  
FOR THE PERIOD 02-01-88 THRU 04-30-88  
LAC L&S      MATHEMATICS      (133-6405)      377.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
1988-89 SPECIAL EDUCATION TEACHER  
PREPARATION GRANT  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # H029B80175  
LAC L&S      PSYCHOLOGY      (144-7810)      69,807.00
2. CRAY RESEARCH FOUNDATION  
MINNEAPOLIS, MN  
SUMMER SCIENCE INSTITUTE FOR TEACHERS  
FOR THE PERIOD 05-01-88 THRU 09-30-88  
AWARD # FO08187  
LAC L&S      CHEMISTRY      (133-2120)      7,000.00

## MISCELLANEOUS

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH AGRIC  
USDA MEAL REIMBURSEMENT FOR JANUARY 1988  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
LAC AC DEV CHILD CARE FAC      (144-0501)      518.00

## RESEARCH

1. WI DEPT OF TRANSPORTATION  
MADISON, WI  
ARCHEAEOLOGY SURVEY AT NIES SITE - GRANT COUNTY  
FOR THE PERIOD 04-08-88 THRU 09-30-88  
AWARD # 1660-02-00  
LAC L&S      SOCIOL & ANTHROP      (133-8868)      4,899.00

TOTAL LACROSSE      102,491.00  
=====

EXTENSION AND PUBLIC SERVICE	20,267.00
INSTRUCTION	76,807.00
MISCELLANEOUS	518.00
RESEARCH	4,899.00





GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$1,087,142.00 AWARD # PO08803238, MOD. 4 PKS BUS SV FELLOWS & SCHOLS	(148-G088)	60,908.00
2.	RACINE COUNTY MEDICAL AUXILIARY RACINE, WI SCHOLARSHIPS TO BE AWARDED TO SENIOR, PRE-MEDICAL STUDENTS AT PARKSIDE PKS BUS SV FELLOWS & SCHOLS	(133-A076)	1,000.00
3.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS	(133-C489)	1,087.00
4.	UW - PARKSIDE FOUNDATION KENOSHA, WI ALUMNI ANNUAL FUND PKS BUS SV FELLOWS & SCHOLS	(133-G893)	2,200.00
5.	PARKSIDE 200 CLUB KENOSHA, WI ATHLETIC SCHOLARSHIPS OR OTHER SCHOLARSHIPS AND TO DEFRAY COST OF TUITION, BOOKS, AND SUPPLIES AT THE DISCRETION OF THE ATHLETIC DIRECTOR PKS ATH& I ATHLETICS            PROG DIR	(133-7806)	18,000.00
	TOTAL PARKSIDE		200,921.00 =====
	MISCELLANEOUS		3,700.00
	PHYSICAL PLANT		41,707.00
	RESEARCH		72,319.00
	STUDENT AID		83,195.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

## INSTRUCTION

1. THE ROBERT A. TAFT INSTITUTE OF GOVERNMENT  
NEW YORK, NY  
1988 TAFT SEMINAR FOR TEACHERS:  
AMERICAN DEMOCRACY AND THE TWO-PARTY SYSTEM  
FOR THE PERIOD 04-01-88 THRU 01-01-89  
RVF ART&SC POLITICAL SCI (133-0606) 34,795.00
2. CRAY RESEARCH FOUNDATION  
MINNEAPOLIS, MN  
CONTRIBUTION TO THE CONTEMPORARY PHYSICS  
PROGRAM FOR PHYSICS AND PHYSICAL  
SCIENCE TEACHERS  
FOR THE PERIOD 01-01-88 THRU 11-30-88  
RVF ART&SC PHYSICS (133-0718) 2,500.00

## MISCELLANEOUS

1. GRANT TO COMMUNITY EDUCATION DEVELOPMENT CENTER  
FOR ACCESS TO THE CENET TELECONFERENCING SYSTEM  
FOR THE PERIOD 03-23-88 THRU 04-01-88  
RVF EDUC DEP OF EDUCATION (133-0628)  
  
500.00 WAYNE STATE UNIVERSITY  
DETROIT, MI  
1,000.00 WISCONSIN COMMUNITY EDUCATION ASSOCIATION  
MADISON, WI  
  
1,500.00
2. MULTIPLE DONORS  
20TH ANNUAL ISSUES AND ANSWERS DAY PROGRAM  
RVF ART&SC SOCIOLOGY (133-0635) 2,230.00

## RESEARCH

1. AGRICULTURE, DEPT. OF  
BELTSVILLE, MD  
COOPERATIVE RESEARCH ON LISIANTHUS IN A NATIONAL  
GERMPLASM EVALUATION PROGRAM WITH THE AGRICULTURAL  
RESEARCH SERVICE, FLORIST AND NURSERY CROPS  
LABORATORY  
FOR THE PERIOD 03-01-88 THROUGH 09-30-88  
AWARD # 43-32U4-8-3638  
RVF AGRIC PLANT & EARTH SC (144-0609) 2,400.00
2. WISCONSIN FERTILIZER RESEARCH COUNCIL  
MADISON, WI  
NITRIFICATION INHIBITOR/STABILIZER RESEARCH  
FOR THE PERIOD 07-01-88 THRU 06-30-89  
RVF AGRIC PLANT & EARTH SC (133-0610) 6,633.00
3. WISCONSIN MILK MARKETING BOARD  
MADISON, WI  
IMPROVING SAFETY AND QUALITY OF MILK AND  
MILK PRODUCTS BY MICROWAVE TREATMENT  
FOR THE PERIOD 01-01-88 THRU 12-31-90  
RVF AGRIC ANIMAL SCIENCE (133-0611) 142,221.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## RESEARCH

4. BIOTECHNIQUES LABORATORY, INC  
REDMOND, WA  
A STUDY OF THE EFFECT OF A LACTOBACILLUS  
ACIDOPHILUS ON THE FAT-CORRECTED MILK YIELD  
OF DAIRY COWS  
FOR THE PERIOD 04-12-88 THRU 05-20-88  
RVF AGRIC ANIMAL SCIENCE (133-0615) 1,000.00
5. WI DEPT OF AGRICULTURE, TRADE  
AND CONSUMER PROTECTION  
MADISON, WI  
COMPARISON OF NO-TILL, REDUCED TILLAGE, AND  
CONVENTIONAL TILLAGE SYSTEMS WITH AND WITHOUT  
HERBICIDES TO ESTABLISH OR IMPROVE ALFALFA STANDS  
FOR THE PERIOD 04-15-88 THRU 12-31-90  
AWARD # 8814  
RVF AGRIC PLANT & EARTH SC (133-0620) 37,414.00

## STUDENT AID

1. MINNESOTA MINING AND MANUFACTURING  
ST PAUL, MN  
SCHOLARSHIPS TO QUALIFIED INDIVIDUALS IN THE  
FIELD OF CHEMISTRY  
FOR THE PERIOD 07-01-88 THRU 06-30-89  
RVF ST AST MISC OTHER (133-0654) 2,600.00
2. MINNESOTA MINING AND MANUFACTURING  
ST PAUL, MN  
SCHOLARSHIPS TO QUALIFIED INDIVIDUALS  
IN THE FIELD OF PHYSICS  
FOR THE PERIOD 07-01-88 THRU 06-30-89  
RVF ST AST MISC OTHER (133-0657) 1,400.00

TOTAL RIVER FALLS 234,693.00  
=====

INSTRUCTION	37,295.00
MISCELLANEOUS	3,730.00
RESEARCH	189,668.00
STUDENT AID	4,000.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

1. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
AGE GROWTH AND POPULATION STRUCTURE OF  
RAINBOW SMELT  
FOR THE PERIOD 01-01-87 THRU 04-01-88  
AWARD # NRH 96542  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8502) 1,000.00

STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PERKINS LOAN PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08824550, MOD. 1  
STP STU LI FINANCIAL AIDS N DIR ST L ( LOANS ) 20,437.00

2. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08802959, MOD. 1  
STP STU LI FINANCIAL AIDS BASIC OP G (148-2209) 599,975.00

TOTAL STEVENS POINT 621,412.00  
=====

RESEARCH 1,000.00  
STUDENT AID 620,412.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. SOUTHERN ILLINOIS UNIVERSITY  
CARBONDALE, IL  
PRIME CONTRACTOR WITH DED  
CONTRACT TO PROVIDE SIX TRAINING PROGRAMS FOR  
REHABILITATION FACILITIES IN REGION V FOR SOUTHERN  
ILLINOIS UNIVERSITY  
FOR THE PERIOD 03-01-88 THROUGH 08-31-88  
AWARD # 24900-7617Z  
STO ED&H S INSTIT RES & DEV INST R&D A (144-0504) 26,717.00
2. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
THINKING SKILLS IN THE VTAE CLASSROOM  
FOR THE PERIOD 03-01-88 THROUGH 06-30-88  
AWARD # 30-103-150-408  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0524) 18,000.00
3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
EQUAL EDUCATIONAL OPPORTUNITY IN  
TECHNOLOGY EDUCATION - PHASE II  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PAH00156, MOD. 1  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (144-0610) 1,000.00

GIFT-IN-KIND

1. BUTCHERS BAKER'S MACHINERY COMPANY, INC.  
SUPERIOR, WI  
"MAGNUM DOUGH DIVIDERS (18-PART) AND PORTABLE  
STAND PLUS ONE CASE OF THROW-AWAY BAKERS' HATS"  
STO H ECON HABITATNL RESRCS
2. DOBOY PACKAGING MACHINERY, INC.  
NEW RICHMOND, WI  
DIGITAL CRT'S AND KEYBOARDS FOR DATA PROCESSING  
AND COMPUTING. FOUR VT-100; TWO VT102; EXTRA  
KEYBOARD.  
STO I&TECH INDUSTRIAL MGMNT
3. ROCKWELL INTERNATIONAL  
MILWAUKEE, WI  
" PROGRAMMABLE CONTROLLER COMPONENTS "  
STO I&TECH MATLS & PROCS'S
4. BURLINGTON INDUSTRIES, INC.  
NEW YORK, NY  
" TWELVE YARDS OF FABRIC "  
STO H ECON APPAREL, TEX&DES
5. ARTHUR KAHN COMPANY  
NEW YORK, NY  
" SIX YARDS OF TACTIL FABRIC "  
STO H ECON APPAREL, TEX&DES

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

6. AMBER BROOKMAN FABRICS  
NEW YORK, NY  
" SIX YARDS OF SUPPLY FABRICS "  
STO H ECON APPAREL, TEX&DES

## INSTRUCTION

1. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS FOR USE IN DEVELOPMENT OF  
THE PACKAGING PROGRAM  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
AWARD # 1409-1-A-88  
STO I&TECH MATLS & PROCS'S PACKG PROG (133-0294) 500.00

## LIBRARIES

1. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS TO PURCHASE LIBRARY MATERIALS VIA THE  
BERTHA GEHRKE LIBRARY FUND  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
AWARD # 8064-1-A-88  
STO LIB RE LIBR LEARN CTR (133-0427) 541.00

## MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
DAHLGREN PROFESSORSHIP  
FOR THE PERIOD 07-01-87 THRU 06-30-89  
AWARD # 4359-1-A-88  
STO ED&H S EDUCATION (133-0455) 7,500.00
2. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS FOR THE ATHLETIC DEPARTMENT  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
AWARD # 3256-1-A-88  
STO LIB ST P ED & ATHLETICS INTERC ATH (133-0716) 1,500.00

## RESEARCH

1. FOX VALLEY TECHNICAL INSTITUTE  
APPLETON, WI  
EVALUATION SYSTEM FOR THE DEPARTMENT OF  
CORRECTIONS CURRICULUM PROJECT  
FOR THE PERIOD 02-01-88 THRU 06-30-88  
AWARD # 803486  
STO I&TECH CTR FOR VTAE CVTAE-RES (133-0397) 12,000.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - STOUT

## RESEARCH

2.	DIGESTIVE HEALTHCARE MINNEAPOLIS, MN CONTRACT WITH DIGESTIVE HEALTHCARE FOR THE PERIOD 03-21-88 THRU 05-21-88 STO I&TECH CTR INVNTN&DEVEL	(133-0430)	3,686.00
3.	SAFER FOUNDATION CHICAGO, IL FEASIBILITY STUDY REGARDING DEVELOPMENT OF A NONPUBLIC FACILITY FOR PAROLEES AND PROBATIONERS WITH HANDICAPPING CONDITIONS FOR THE PERIOD 02-19-88 THRU 05-19-88 STO ED&H S INSTIT RES & DEV CORR EDUC	(133-0450)	4,423.00
4.	SUPPORT GREENHOUSE RESEARCH FOR KIDNEY BEAN GENETIC RESEARCH FOR THE PERIOD 07-01-87 THRU 06-30-88 STO LIB ST BIOLOGY	(133-0467)	
	133.00 YOUNG FARMS, INCORPORATED MENOMONIE, WI		
	266.00 CHIPPEWA VALLEY BEAN MENOMONIE, WI		
			399.00

## STUDENT AID

1.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI MINORITY RECRUITMENT FOR THE PERIOD 03-01-88 THRU 12-31-88 AWARD # 7137-2-B-88 STO G E A STU AFF & COUNSL ETHNIC PRG	(133-0465)	4,513.00
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TOTAL STOUT

80,779.00

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EXTENSION AND PUBLIC SERVICE	45,717.00
INSTRUCTION	500.00
LIBRARIES	541.00
MISCELLANEOUS	9,000.00
RESEARCH	20,508.00
STUDENT AID	4,513.00



GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1.	NATIONAL ENDOWMENT FOR THE ARTS MADISON, WI PRIME CONTRACTOR WITH NEH POETRY FESTIVAL 1988 FOR THE PERIOD 04-28-88 THROUGH 04-29-88 AWARD # LTR DTD 05/22/88 WTW L&S ENGLISH	(144-1000)	1,375.00
2.	WI DEPT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS MOTORCYCLE INSTRUCTOR PREPARATION: PREPARING INSTRUCTORS FOR TEACHING MOTORCYCLE SAFETY IN OUR SCHOOLS FOR THE PERIOD 03-01-88 THROUGH 11-30-89 AWARD # 0094-88-41/89-21 WTW EDUC SAFETY STUDIES	(144-1003)	13,074.00
	TOTAL WHITEWATER		14,449.00 =====
	INSTRUCTION		14,449.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. RUTH SHAW WORTHING  
FOND DU LAC, WI  
A COLLECTION OF LOCAL HISTORY MATERIALS  
CNS FD LAC LIBRARY ADMIN
2. NANCY DERNEHL  
DONALD BRACCO  
JANET BROWN  
WAUKESHA, WI  
BOOKS AND PERIODICALS  
CNS WAUK LIBRARY ADMIN
3. BIO-TECHNICAL RESOURCES, INC.  
MANITOWOC, WI  
ATOMIC ABSORPTION SPECTROPHOTOMETER  
CNS MANIT CHEMISTRY
4. WARNER CABLE COMMUNICATIONS  
OSHKOSH, WI  
(5) CABLE TELEVISION MODULATORS  
CNS FOX VA INSTR MEDIA SVCS

## MISCELLANEOUS

1. ARTS MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
FINE ARTS PERFORMANCE  
FOR THE PERIOD 11-09-86 THROUGH 05-31-88  
AWARD # FY87-149, MOD. 2  
CNS WASH STUDENT AFFAIRS LECT & F A (144-Z351) 690.00
2. LAIRD FINE ARTS FUND  
CNS MARSH COMMUNICATN ARTS (133-L337)  
  
1,000.00 METROPOLITAN LIFE FOUNDATION  
NEW YORK, NY  
1,000.00 COMMUNICATIONS SATELLITE CORPORATION  
WASHINGTON, DC  
  
2,000.00
3. PROFESSIONAL DEVELOPMENT  
CNS MARSH ADMINISTRATION (133-M892)  
  
10,375.90 UNIVERSITY CENTER FOUNDATION, INC.  
MARSHFIELD, WI  
5,297.22 UNIVERSITY OF WISCONSIN  
MARSHFIELD WOOD COUNTY CAMPUS  
MARSHFIELD, WI  
3,831.77 UNIVERSITY OF WISCONSIN  
MARSHFIELD WOOD COUNTY CAMPUS  
MARSHFIELD, WI

19,504.89

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1) PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$2,316,368.00 AWARD # PO08702949, MOD. 9		
CNS	( 148-R087)	1,650.00-
2) PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$2,625,755.00 AWARD # PO08802949, MOD. 3		
CNS	( 148-R088)	12,118.00
2. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$9,930.00 AWARD # RO08702949, MOD. 2		
CNS CNS AD STUDENT SERVICES ST FIN AID	( 144-Y218)	45.00
	TOTAL CENTER SYSTEM	32,707.89
		=====
MISCELLANEOUS	22,194.89	
STUDENT AID	10,513.00	

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	CITY OF MILWAUKEE MILWAUKEE, WI PRIME CONTRACTOR WITH HUD COMMUNITY ECONOMIC DEVELOPMENT PROGRAM FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 17-974-9200 EXT COOP E CO&AREA OFC-S E	(144-AH50)	26,647.00
2.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH ADMINISTRATION AND FIELD SERVICES FOR THE PERIOD 11-01-87 THROUGH 10-31-88 AWARD # WHC-FY-88 EXT GEA SV W HUMANITIES COM	(144-AB10)	203,429.00
3.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH WOMEN OF SPIRIT FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # FY88-16L EXT TELCOM WHA RADIO	(144-AH04)	6,000.00
4.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CO&AREA OFC-S E	(133-F085)	25.00
5.	WISCONSIN FARM PROGRESS DAYS, INC. MADISON, WI COVER BUSINESS EXPENSES RELATED TO FARM PROGRESS DAYS EXT COOP E AGRIC & AGRI-BUS AG& AG-BUS	(133-H356)	10,500.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E DEAN'S OFFICE RUR LDRSHP	(133-H773)	75,000.00
7.	WISC DEPT OF NATURAL RESOURCES MADISON, WI CONTRACT FOR PROVIDING EDUCATIONAL AND INFORMATIONAL SUPPORT FOR THE NONPOINT SOURCE PROGRAM FOR THE PRIOD 07-01-86 THRU 06-30-91 AT A \$139,765 LEVEL AWARD # 86-99000-E-00,01,02 EXT COOP E COM,N RSRC&EC DV C,N R& E D	(133-K777)	47,730.00
8.	COMPUTERLAND OF MADISON MADISON, WI PROGRAM UNDERWRITNG FOR FY 88 EXT TELCOM WHA TELEVISION	(133-L435)	500.00
9.	MILWAUKEE COUNTY DEPT. OF PARKS, RECREATION AND CULTURE MILWAUKEE, WI SALARY SUPPORT OF A NATURE EDUCATION YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E CO&AREA OFC-S E	(133-M501)	49,364.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

10.	MILWAUKEE COUNTY ZOOLOGICAL GARDENS MILWAUKEE, WI SUPPORT OF A YOUTH EDUCATION AGENT FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E CO&AREA OFC-S E	(133-M502)	12,207.00
11.	PIERCE COUNTY ELLSWORTH, WI STUDY GROUNDWATER, SOIL AND GEOLOGIC RESOURCES OF WISCONSIN COUNTIES EXT G&NH S WIS GEOL&NAT HST W G&N HIST	(133-M613)	2,490.00
12.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION	(133-M807)	
	1,000.00	CHRIS KERWIN ANTIQUES AND INTERIORS MADISON, WI	
	1,125.00	F.E. SEYBOLD, INC. MADISON, WI	
	2,600.00	AMERITECH NEW YORK, NY	
	2,000.00	LAWTON AND CATES, S.C. MADISON, WI	
	1,700.00	BRUNSELL LUMBER & MILLWORK MADISON, WI	
	1,300.00	STRAWBERRY HILL, LTD. DEERFIELD, WI	
	3,000.00	CRESS FUNERAL SERVICE MADISON, WI	
	1,750.00	HARBOR RECREATION MILTON, WI	
	8,800.00	GTE-WISCONSIN NEW YORK, NY	
	1,750.00	POOH CORNER MADISON, WI	
			25,025.00
13.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI WOMEN OF SPIRIT FOR THE PERIOD 04-01-88 THRU 03-31-89 AWARD # FY 88-16L EXT TELCOM WHA RADIO	(133-M825)	8,000.00

## MISCELLANEOUS

1.	WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM	( TRUST )	
	1,250.00	COOPER, PETER NEW YORK, NY	
	250.00	UW LA CROSSE FOUNDATION LA CROSSE, WI	
	2,144.00	NOVUS HEALTH GROUP NEENAH, WI THEDA CLARK MEMORIAL HOSPITAL	
			3,644.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

## UNIVERSITY OF WISCONSIN - EXTENSION

## RESEARCH

1.	WISC DEPT OF NATURAL RESOURCES MADISON, WI NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91 AT A \$56,931 LEVEL AWARD # 86-99002-E-00,01,02 EXT COOP E COM,N RSRC&EC DV C,N R& E D (133-L827)	34,507.00
2.	ROCK COUNTY JANESVILLE, WI ROCK COUNTY SUPPORT FOR 4H URBAN PROGRAMS FOR THE PERIOD 01-01-86 THRU 12-31-86 EXT COOP E C&AREA OFC-SOUTH (133-L915)	7,042.00
3.	WISC DEPT OF NATURAL RESOURCES MADISON, WI VIDEOTAPES AS EDUCATIONAL RESOURCES FOR NONPOINT SOURCE POLLUTION FOR THE PERIOD 02-03-88 THRU 06-30-89 AWARD # 88-99005-E-00 EXT COOP E CO&AREA OFC-S E (133-M868)	49,500.00
	TOTAL EXTENSION	561,610.00 =====
	EXTENSION AND PUBLIC SERVICE	466,917.00
	MISCELLANEOUS	3,644.00
	RESEARCH	91,049.00

GIFTS, GRANTS AND CONTRACTS  
JUNE 10, 1988

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

1. EARNINGS ON MISC. INVESTMENTS		
MARCUS, MARVIN FUND		
SA PRES	( TRUST )	354.17
	TOTAL CENTRAL ADMINISTRATION	354.17
		=====
MISCELLANEOUS	354.17	

JUNE 10, 1988  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 04-16-88 THROUGH 05-20-88

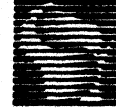
	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	354	-0-	-0-	-0-	-0-	354
CENTER SYSTEM	-0-	-0-	-0-	22,195	-0-	-0-	10,513	-0-	32,708
EAU CLAIRE	-0-	22,243	-0-	-0-	-0-	33,000	-0-	-0-	55,243
EXTENSION	466,917	-0-	-0-	3,644	-0-	91,049	-0-	-0-	561,610
GREEN BAY	-0-	181,000	-0-	11,469	-0-	59,962	20	-0-	252,451
LA CROSSE	20,267	76,807	-0-	518	-0-	4,899	-0-	-0-	102,491
MADISON	4,743,468	2,823,306	2,272	692,790	-0-	20,985,624	416,772	173,368	29,837,601
MILWAUKEE	-0-	256,415	-0-	35,397	-0-	681,971	285,930	-0-	1,259,713
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
PARKSIDE	-0-	-0-	-0-	3,700	41,707	72,319	83,195	-0-	200,921
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	37,295	-0-	3,730	-0-	189,668	4,000	-0-	234,693
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	1,000	620,412	-0-	621,412
STOUT	45,717	500	541	9,000	-0-	20,508	4,513	-0-	80,779
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	14,449	-0-	-0-	-0-	-0-	-0-	-0-	14,449
<b>TOTAL JUN 1988</b>	<b>5,276,369</b>	<b>3,412,015</b>	<b>2,813</b>	<b>782,797</b>	<b>41,707</b>	<b>22,140,000</b>	<b>1,425,355</b>	<b>173,368</b>	<b>33,254,424</b>
PREVIOUSLY REPORTED	8,615,895	14,724,149	614,296	13,729,384	1,626,382	191,157,554	53,997,344	213,314	284,678,318
<b>GRAND TOTAL</b>	<b>13,892,264</b>	<b>18,136,164</b>	<b>617,109</b>	<b>14,512,181</b>	<b>1,668,089</b>	<b>213,297,554</b>	<b>55,422,699</b>	<b>386,682</b>	<b>317,932,742</b>
<b>TOTAL JUN 1987</b>	<b>15,801,877</b>	<b>649,898</b>	<b>8,798</b>	<b>771,036</b>	<b>-0-</b>	<b>14,881,597</b>	<b>1,826,348</b>	<b>32,010</b>	<b>33,971,564</b>
PREVIOUSLY REPORTED	9,627,653	15,638,708	738,731	10,438,510	2,029,735	183,724,225	54,569,695	174,048	276,941,305
<b>GRAND TOTAL</b>	<b>25,429,529</b>	<b>16,288,606</b>	<b>747,529</b>	<b>11,209,546</b>	<b>2,029,735</b>	<b>198,605,822</b>	<b>56,396,043</b>	<b>206,058</b>	<b>310,912,868</b>
<b>FEDERAL TOTAL JUN 1988</b>	<b>285,043</b>	<b>3,334,031</b>	<b>-0-</b>	<b>11,533</b>	<b>41,707</b>	<b>18,054,837</b>	<b>975,950</b>	<b>-0-</b>	<b>22,703,101</b>
PREVIOUSLY REPORTED	3,883,718	12,942,341	-0-	2,837,754	1,424,017	139,683,723	50,087,919	-0-	210,859,472
<b>FEDERAL GRAND TOTAL</b>	<b>4,168,761</b>	<b>16,276,372</b>	<b>-0-</b>	<b>2,849,287</b>	<b>1,465,724</b>	<b>157,738,560</b>	<b>51,063,869</b>	<b>-0-</b>	<b>233,562,573</b>
<b>FEDERAL TOTAL JUN 1987</b>	<b>67,754</b>	<b>591,113</b>	<b>-0-</b>	<b>160,663</b>	<b>-0-</b>	<b>12,031,278</b>	<b>1,659,141</b>	<b>-0-</b>	<b>14,509,949</b>
PREVIOUSLY REPORTED	4,336,798	11,808,310	108,950	2,721,496	1,387,771	136,682,703	50,716,575	-0-	207,762,602
<b>FEDERAL GRAND TOTAL</b>	<b>4,404,552</b>	<b>12,399,423</b>	<b>108,950</b>	<b>2,882,159</b>	<b>1,387,771</b>	<b>148,713,981</b>	<b>52,375,716</b>	<b>-0-</b>	<b>222,272,551</b>



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The University of Wisconsin System



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# Progress and Challenge

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A Report from  
University of Wisconsin System  
Board of Regents President  
Laurence A. Weinstein  
June 1986 - June 1988

The purpose of this report is two-fold: to report on the major achievements of the past two years and to identify some challenges for the future.

Chapter 36 of the Wisconsin Statutes assigns three missions to the University of Wisconsin System: instruction, research, and outreach. The Board of Regents is given overall governing and policy-making authority. It is responsible for ensuring educational quality and for providing access to the System at the highest levels consistent with that educational quality.

## PROGRESS

Two principal factors have made possible the achievements of the past two years.

### System Administration

First, UW System President Kenneth A. Shaw has brought to his office and to the Board of Regents new energy, enthusiasm and candor — traits that have been responsible for new standards of individual and institutional performance throughout the System. He has communicated effectively to our various constituencies that we are willing to revisit difficult and controversial issues and change directions when necessary to achieve meaningful solutions. He has also instituted a more effective management style by setting clear goals and objectives, delegating proper authority, fixing specific responsibility, and requiring appropriate accountability.

### Board Action

The second reason that we have been able to accomplish so much is due to the Board itself. The Board of Regents consists of dedicated, intelligent, committed and hard working citizen volunteers who have ably demonstrated their willingness to devote countless hours of their time to deal with often complex and far reaching policy issues. Serving as their President has been a unique honor and one that I will always cherish. I salute them!

The Board's initiatives were carefully and thoroughly considered; they were supported by extensive studies at the institutional level, by independent consultants and through public hearings. While the Board demonstrated its commitment to shared governance, it also articulated its belief that shared governance carries with it shared responsibility and accountability, consistent with Chapter 36 of the Wisconsin Statutes, for Regents, administrators, faculty, academic staff and students.

### Preserving and Enhancing Quality

Our concern with improving quality occupied a great deal of our time. We made great advances in this area.

### Completion of the Merger Process

I believe that, with very few exceptions, the merger process is now complete. It would not have been possible without the leadership and determination of a unified Board of

Regents and System President Shaw. In the very early days of his administration, he set out the broad outline for the study of the future of the UW System, which the Board had determined to undertake prior to his arrival. The Regents' study required the University community to make decisions on many critical issues, such as quality, access, funding, enrollment management, minority and economically disadvantaged students, women and minority faculty, the physically disabled, day care, etc. In addition, we learned how the Board could most effectively govern, make policy and oversee its implementation. Working together, Regents, System administrators, chancellors, faculty, academic staff and students learned how to accommodate to each other's needs and to compromise when necessary. These were essential ingredients in order for us to discharge our public responsibilities. The process demonstrated how a merged System should work.

### **Mission Reviews**

The significance of the institutional missions review, public hearings and the adoption of the mission statements by the Board should not be underestimated. The missions articulate our institutional differences and similarities. They show the relationships of the institutions to each other in a merged System, how we can and should be different and still be united, thereby producing a whole which is larger than the sum of its parts. The revised mission statements provide an opportunity to focus more sharply the efforts of each institution, since budget constraints will not permit every institution to be everything to everyone.

### **Additional Positions**

An unprecedented number of new faculty positions were funded by state government. They will help restore student/faculty ratios to a level more consistent with educational quality.

### **Enrollment Management**

An enrollment management plan was established that placed a limit on total enrollment for each campus and that will gradually bring enrollment into better balance with campus resources.

### **Capping Programs**

Each campus was directed to cap overcrowded majors and programs so that students could move through their courses in a more orderly and timely manner.

### **Minimum Admission Standards**

Increased admission standards were adopted; they will help improve educational quality and ensure greater success in retention and graduation for students that enroll in our System institutions.

### **Program Review**

Programs in need of special attention received the most extensive review in the history of the System. This review will result in the strengthening, reorganization or discontinuation of specific programs.

### **Business Education**

The Board adopted for the first time a far reaching policy on business education. Each campus with a school of business is expected to have a program or programs that will achieve regional or national status, and at least one school of business will be expected to rank among the top in the nation.

### **Merit Scholarships**

Merit scholarships were established to encourage the brightest high school students to stay in Wisconsin for their university education.

### **Capital Budget**

The UW System capital budget was adopted in its entirety. This was a singular achievement.

### **Extension**

University outreach is the principal means by which we extend the resources of the University to the people of the state. The Board reexamined the Extension integration resolution of 1982 and adopted a series of proposals that will strengthen the UW System's outreach mission, enhance its quality and responsiveness, and provide for mechanisms to minimize unnecessary duplication.

### **UW System-DPI Cooperation**

The UW System and the Department of Public Instruction have enjoyed a productive two years in terms of cooperative and collaborative efforts in: new UW System admission standards; new teacher training standards; preparation for college publications; the All State Academic Scholarship Program; the continued work of the Joint Task Force on preparation, recruitment and retention of minority students in the UW System; the pre-college minority scholarship program; and the study of the State's top ranked high school graduates of 1988.

### **Uniform Chart of Accounts**

This will be implemented by July 1, 1988. It will go a long way in helping us develop more meaningful statistical comparisons and will enhance the System's management capabilities. This will be followed by the establishment of a more effective Management Information System network for the UW System.

## **Improving Access**

### **Minority and Disadvantaged Students and Minority Faculty and Academic Staff**

"Design for Diversity" is a major System initiative for dealing with the issues of minority and economically disadvantaged students and minority faculty and academic staff. It was adopted by the board in May 1988. In order to obtain maximum faculty, academic staff, student and citizen reaction, the Regents held hearings both on and off campuses throughout the state. "Design for Diversity" is responsive to what the Regents heard at those hearings; it recognizes that we cannot do better unless we chart new directions. Instead of defending the past, it looks to the future and rededicates everyone in the UW System to address and deal forthrightly and aggressively with the issues. Our institutions have already begun to implement this comprehensive and coordinated plan of action.

### **Associate Degree Credit Transfers**

The Regents' resolution facilitates the transfer of UW Center Associate Degree credits to the System's universities.

### **VTAE Credit Transfers**

In addition to the existing articulation agreements, the Board authorized the establishment of experimental "capstone" degree programs for vocationally prepared VTAE graduates.

## **Issues Identified by Students**

The Board encouraged increased representation of students on campus committees that deal with student issues and formalized student representation on chancellor search and screen committees. The Board reviewed and clarified segregated fee policies and appeals procedures and directed each institution to develop policies on political campaigning in the residence halls and for alcohol use on campus. These were brought to the Board and approved. In the past two years, students were actively involved in the search committees that brought new chancellors to the UW Centers, UW-Green Bay, UW-Madison and UW-Superior. While students requested that the Board recommend required courses in ethnic studies, "Design for Diversity" mandates such courses or programs.

Students helped raise the sensitivity of the Board to the existence of race and ethnic related incidents on our campuses. "Design for Diversity" requires campuses to review and recommend changes in the Administrative Code that deals with student conduct.

## Relationships with the Private Sector

### Competition with the Private Sector

The Board has demonstrated its interest and willingness to deal with this complex and controversial issue. A statewide task force, comprised of University and private sector representatives, has been formed and is due to report its findings and recommendations to the Board in December 1988.

### Private Funding for Facilities

While the UW System does not want to discourage private giving for campus facilities, campus priorities should be set, first and foremost, on the basis of overall campus needs. The use of both private and public funds for the same facility has raised some difficult issues for the Board. The recently adopted Regent resolution will be of help in the future.

## SOME CHALLENGES FOR THE FUTURE

### Implementing Existing Board Policies

While our achievements are considerable, exciting challenges remain. Implementation of the resolutions that are contained in the Regents' plan for the future of the UW System, "Design for Diversity," extension integration, business education, institutional missions, and other items identified in this report are challenge enough. It is vital that we have the perseverance to move ahead and not lose the momentum and enthusiasm with which we adopted these far reaching proposals. It goes without saying that the success of these initiatives will depend, in large measure, on our ability to interpret them successfully to the executive and legislative branches of state government and to the general public. Some may refer to these issues as items on our "wish list." They are not — they are at the very heart of quality and access for the institutions that make up the UW System.

### Preserving and Enhancing Quality

I single this out for special consideration because it is the foundation of our responsibility as Regents. The issue will be before us on an ongoing basis. In adopting "Planning the Future," the Board stated, "When faced with a choice between maintaining educational quality or providing free market access for students, the Regents place priority on quality." I urge that we not abandon that principle.

However, we must be clear as to what we mean by institutional quality. It certainly includes quality faculty, academic staff, students, administrators, libraries, laboratories, facilities and adequate numbers of support staff. It also maintains an acceptable student/faculty ratio to ensure more direct instructional contact between students and faculty.

None of this is possible unless we achieve a proper balance between funding and enrollment. The Board has already determined that GPR funding on a per student basis

has declined in real dollars and has urged that this decline be reversed and restored to appropriate levels. The Board has also stated that tuition for the doctoral institutions should be established at the mid-range of the Big Ten universities. Both policies directly affect the resources available to maintain and enhance quality and access.

There are other considerations. Our faculty and academic staff compensation policy must be based on the competitive academic marketplace, a principle that has been adopted by the executive and legislative branches of state government. The studies that reflect our competitive compensation problems should lead to action to prevent us from falling behind our peer group institutions. The same principle of competitive compensation must apply to administrators.

Admission standards and enrollment levels need to be reviewed on an ongoing basis. This is necessary not only to reflect funding realities but also in light of reexamining previously acceptable standards. In this regard, we must work closely with DPI.

#### **Access vs. Ability to Pay**

The ability to pay should never be the gatekeeper for admission to the UW System's institutions. Yet, the total amount of Federal student grants and loans, adjusted for inflation has been decreasing, and there has been a major shift from grants to loans. Professor Robert M. Hauser, UW-Madison sociologist, has reported that the loss of financial aid funds overshadows other economic and social changes advanced as principal causes for the decline in Black enrollment in our nation's colleges and universities since the mid-1970's. We will be called upon to deal with this issue through increased financial support from both the public and private sectors.

#### **Successful Access for All to Public Higher Education**

Currently, most citizens need access to postsecondary public education. This need will increase in the future. It was never intended that the UW System be the only provider of postsecondary educational opportunities. The State of Wisconsin created two systems — the University of Wisconsin and the Vocational, Technical and Adult Education System — each with differing missions.

Both systems and the citizens of the state would benefit substantially if the two systems could work together more closely in at least these four major areas: 1) preparation with DPI of documents that explain the admission requirements of the UW and VTAE systems, which could lead to joint student recruiting; 2) avoiding duplication of non-credit courses; 3) working out agreements to avoid credit course duplication; and 4) working in collaboration to provide remedial education consistent with UW System standards. While we can point with pride to success in cooperative efforts between the UW System and DPI, the fragmented governance structure of the VTAE System has made progress with VTAE institutions more difficult.

#### **Remedial Education**

Students who can benefit from remedial education deserve the opportunity. However, they should be provided with the most skilled instructors. Therefore, the Board should consider alternative instructional arrangements through Extension, VTAE, and DPI.

### **New and Emerging Technologies**

The rapid advances in educational telecommunications and information processing present enormous challenges and opportunities for everyone involved in higher education. Adapting to and using telecommunications technologies can significantly enrich the learning experience, help us share special resources among our institutions, and permit us to reach and serve greater numbers of credit and continuing education students more efficiently and effectively.

### **Focusing the Missions**

Not the least of the challenges will be our ability to deal with the economic reality that every campus cannot be everything to everyone. Focusing our missions and establishing centers of excellence will help us not only to be more efficient, but will also ensure and enhance the quality of the System.

## **CONCLUSION**

It was my good fortune to visit each university in the UW System, campuses of the UW Centers, the UW-Extension and to serve on the University of Wisconsin Hospital and Clinics Council of Trustees. During those visits, I met with chancellors, administrators, faculty, academic staff, student leaders, institutional support groups, legislators and citizens from the area communities. I also appreciate the meeting time that has been provided to me by two Governors. I am convinced that the good will toward the University of Wisconsin System is widespread and deep rooted. I am further convinced that while our chancellors, their administrators, faculty and academic staff have a real commitment to their individual institutions, as they should, they are also loyal and supportive of the UW System.

The accomplishments of the past two years would not have been possible without the leadership of President Shaw and the dedication of Executive Vice President Lyall, Vice Presidents Bornstein, Brown, Trani and Case, Acting Vice President Marnocha, Regent Secretary Temby and their staffs. They are an unusually talented and hard working group of public servants. Working toward the same goals were the members of the Executive Committee of the Board: Vice President Schilling, Education Committee Chair Grover, Business and Finance Committee Chair Lyon, Physical Planning and Development Chair Nikolay, and UW Hospital and Clinics Council of Trustees Chair Flores. I express to each of them, personally and on behalf of the entire Board, our sincerest thanks.

The University of Wisconsin System is the state's most important asset. It is an enormous contributor to Wisconsin's intellectual and economic development. The more one becomes familiar with the impact of its missions of instruction, research and public service on the business and agricultural communities and the quality of life of all Wisconsin citizens, the more one is convinced of its importance to our past, present and future well-being. For myself, I am more committed today than ever before to the maintenance of the spirit and quality of this very special manifestation of the Wisconsin Idea.



## The University of Wisconsin System Mission

Each institution of the University of Wisconsin System shares in the mission of the System.

The mission of this System is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses, and to serve and stimulate society by developing in students heightened intellectual, cultural, and humane sensitivities; scientific, professional, and technological expertise; and a sense of value and purpose. Inherent in this mission are methods of instruction, research, extended education, and public service designed to educate people and improve the human condition. Basic to every purpose of the System is the search for truth.

The Core Mission of the  
Doctoral Cluster

As institutions in the Doctoral Cluster, University of Wisconsin-Madison and University of Wisconsin-Milwaukee share the following core mission. Within the approved differentiation stated in their select missions, each university shall:

- (a) Offer degree programs at the baccalaureate, master's, and doctoral levels.
- (b) Offer programs leading to professional degrees at the baccalaureate and post-baccalaureate levels.
- (c) Conduct organized programs of research.
- (d) Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.
- (e) Encourage others in the University of Wisconsin System and in other state and national agencies to seek the benefit of the unique educational and research resources of the doctoral institutions.
- (f) Serve the needs of women, minority, disadvantaged, disabled, and nontraditional students, and seek racial and ethnic diversification of the student body and the professional faculty and staff.
- (g) Support activities designed to promote the economic development of the state.

## The Core Mission of the University Cluster

As institutions in the University Cluster of the University of Wisconsin System, the University of Wisconsin-Eau Claire, the University of Wisconsin-Green Bay, the University of Wisconsin-La Crosse, the University of Wisconsin-Oshkosh, the University of Wisconsin-Parkside, the University of Wisconsin-Platteville, the University of Wisconsin-River Falls, the University of Wisconsin-Stevens Point, the University of Wisconsin-Stout, the University of Wisconsin-Superior, and the University of Wisconsin-Whitewater share the following core mission. Within the approved differentiation stated in their select missions, each university in the Cluster shall:

(a) Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.

(b) Offer an environment that emphasizes teaching excellence and meets the educational and personal needs of students through effective teaching, academic advising, counseling, and through university-sponsored cultural, recreational and extra-curricular programs.

(c) Offer a core of liberal studies that supports university degrees in the arts, letters, and sciences, as well as specialized professional/technical degrees at the associate and baccalaureate level.

(d) Offer a program of pre-professional curricular offerings consistent with the university's mission.

(e) Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its approved mission statement.

(f) Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.

(g) Participate in interinstitutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.

(h) Serve the needs of women, minority, disadvantaged, disabled, and nontraditional students and seek racial and ethnic diversification of the student body and the professional faculty and staff.

(i) Support activities designed to promote the economic development of the state.

Select Mission of the  
University of Wisconsin-Eau Claire

*In addition to the system and core missions, the University of Wisconsin-Eau Claire has the following select mission:*

The University of Wisconsin-Eau Claire is a comprehensive university whose purpose is to foster the intellectual, personal, and social development of its students. The University provides an academic environment designed to encourage faculty-student interaction and promote excellence in teaching, scholarly activity, and public service.

(a) The University provides undergraduate education in a broad range of programs, based on a strong general education component emphasizing the liberal arts and sciences, with degrees in the arts and sciences, allied health fields, business, education, nursing, and other areas which grow clearly from undergraduate strengths and meet identified regional and state needs.

(b) The University provides graduate education, at the master's and specialist levels, in programs which grow clearly from areas of undergraduate strength and meet identified regional and state needs.

(c) The University expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate level, its selected graduate programs, and its special mission.

(d) The University provides outreach and community service programs which foster the cultural, educational, and economic development of the region.

Select Mission of the  
University of Wisconsin-Green Bay

*In addition to the system and core missions, the University of Wisconsin-Green Bay has the following select mission:*

The University of Wisconsin-Green Bay is committed to a distinctive academic plan characterized by strong interdisciplinary, problem-focused liberal education that integrates disciplinary and professional programs appropriate to a comprehensive institution. The University prepares students to evaluate critically and to address the complex issues of their professions and of the human experience. To this end:

(a) The University maintains a distinctive academic organization of interdisciplinary units to implement its educational philosophy and meet its educational goals.

(b) The University offers programs employing a problem-focused approach, including an emphasis on regional, national, and global environmental issues, and encourages innovative teaching in support of that approach.

(c) The University offers interdisciplinary and disciplinary undergraduate programs in the arts, letters, and sciences.

(d) The University offers undergraduate professional and pre-professional programs, especially those responsive to metropolitan and regional needs.

(e) The University provides graduate education at the master's level in select areas built upon its undergraduate emphases and strengths, including programs designed to meet the needs of the region.

(f) The University fosters the interchange of ideas and techniques between the university and the community, provides continuing education, and serves as an intellectual, cultural, and economic resource.

(g) The University maintains a broad range of interinstitutional relationships, including those at the national and international levels, in order to provide maximum educational opportunities for its students and faculty.

(h) The University expects scholarly activity, including research, scholarship, and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its special mission.

Select Mission of the  
University of Wisconsin-La Crosse

*In addition to the system and core missions, the University of Wisconsin-La Crosse has the following select mission:*

The primary purpose of the University of Wisconsin-La Crosse is to provide education leading to baccalaureate and selected graduate degrees supplemented by appropriate research and public service activities as further detailed in the following set of goals:

(a) The University shall emphasize excellence in educational programs and teaching.

(b) The University shall provide a broad base of liberal education as a foundation for the intellectual, cultural, and professional development of the students.

(c) The University shall offer undergraduate programs and degrees in the arts, letters, and sciences; health and human services; education; health, physical education, and recreation; and business administration.

(d) The University shall offer graduate programs and degrees related to areas of emphasis and strength within the institution.

(e) The University expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the baccalaureate degree level, its selected graduate programs, and its special mission.

(f) The University shall support studies related to the environment, culture, heritage, institutions, and economy of La Crosse and the surrounding Upper Mississippi Valley region.



(g) The University shall serve as an academic and cultural center, providing service and professional expertise, and meeting the broader educational needs of the region.

**Select Mission of the  
University of Wisconsin-Madison**

*In addition to the system and core missions, the University of Wisconsin-Madison has the following select mission:*

The University of Wisconsin-Madison is the original University of Wisconsin, created at the same time Wisconsin achieved statehood in 1848. It received Wisconsin's land grant and became the State's land-grant university after Congress adopted the Morrill Act in 1862. It continues to be Wisconsin's comprehensive teaching and research university with a statewide, national, and international mission, offering programs at the undergraduate, graduate, and professional levels in a wide range of fields, while engaging in extensive scholarly research, continuing adult education, and public service.

The primary purpose of the University of Wisconsin-Madison is to provide a learning environment in which faculty, staff, and students can discover, examine critically, preserve, and transmit the knowledge, wisdom, and values that will help ensure the survival of this and future generations and improve the quality of life for all. The University seeks to help students to develop an understanding and appreciation for the complex cultural and physical worlds in which they live and to realize their highest potential of intellectual, physical, and human development. It also seeks to attract and serve students from diverse social, economic, and ethnic backgrounds and to be sensitive and responsive to those groups which have been underserved by higher education. To fulfill its mission, the University must:

(a) Offer broad and balanced academic programs that are mutually reinforcing and emphasize high quality and creative instruction at the undergraduate, graduate, professional, and post-graduate levels.

(b) Generate new knowledge through a broad array of scholarly, research, and creative endeavors, which provide a foundation for dealing with the immediate and long-range needs of society.

(c) Achieve leadership in each discipline, strengthen interdisciplinary studies, and pioneer new fields of learning.

(d) Serve society through coordinated statewide outreach programs and meet continuing educational needs in accordance with the University's designated land-grant status.

(e) Participate extensively in statewide, national, and international programs and encourage others in the University of Wisconsin System, at other educational institutions, and in state, national, and international organizations to seek benefit from the University's unique educational resources, such as faculty and staff expertise, libraries, archives, museums, and research facilities.

(f) Strengthen cultural understanding through opportunities to study languages, cultures, the arts, and the implications of social, political, economic, and technological change and through encouragement of study, research, and service off campus and abroad.

(g) Maintain a level of excellence and standards in all programs that will give them statewide, national, and international significance.

(h) Embody through its policies and programs, respect for and commitment to the ideals of a pluralistic, multiracial, open and democratic society.

Select Mission of the  
University of Wisconsin-Milwaukee

*In addition to the system and core missions, the University of Wisconsin-Milwaukee has the following select mission:*

To fulfill its mission as a major urban doctoral university and to meet the diverse needs of Wisconsin's largest metropolitan area, the University of Wisconsin-Milwaukee must provide a wide array of degree programs, a balanced program of applied and basic research, and a faculty who are active in public service. Fulfilling this mission requires the pursuit of these mutually reinforcing academic goals:

(a) To develop and maintain high quality undergraduate, graduate, and continuing education programs appropriate to a major urban doctoral university.

(b) To engage in a sustained research effort which will enhance and fulfill the University's role as a doctoral institution of academic and professional excellence.

(c) To continue development of a balanced array of high quality doctoral programs in basic disciplines and professional areas.

(d) To attract highly qualified students who demonstrate the potential for intellectual development, innovation, and leadership for their communities.

(e) To further academic and professional opportunities at all levels for women, minority, part-time, and financially or educationally disadvantaged students.

(f) To establish and maintain productive relationships with appropriate public and private organizations at the local, regional, state, national, and international levels.

(g) To promote public service and research efforts directed toward meeting the social, economic, and cultural needs of the state of Wisconsin and its metropolitan areas.

(h) To encourage others from institutions in the University of Wisconsin System and from other educational institutions and agencies to seek benefit from the University's research and educational resources such as libraries, special collections, archives, museums, research facilities, and academic programs.

(i) To provide educational leadership in meeting future social, cultural, and technological challenges.

**Select Mission of the  
University of Wisconsin-Oshkosh**

*In addition to the system and core missions, the University of Wisconsin-Oshkosh has the following select mission:*

Ours is a comprehensive public university with unique ties to both urban and rural environments. We have a tradition of strong programs in the arts and sciences and in selected professional and career fields. Our faculty and staff are united in believing that the fundamental purpose of a university education is to develop thinking men and women capable of independent growth and adaptation in all roles of life. Accordingly, our select mission as a university is:

- (a) To acquire, preserve, and disseminate knowledge.
- (b) To provide undergraduate course-work designed to develop learning proficiencies and to cultivate the values and perspectives of educated citizens--in particular, respect for human dignity and cultural diversity, commitment to personal excellence, and the habit of taking thought.
- (c) To challenge students to develop their talents, intellectual interests and creative abilities, to promote an appreciation for both continuity and change, to provide the impetus for a lifelong commitment to and enthusiasm for learning, and to prepare persons for critical evaluation and decision-making.
- (d) To expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its special mission.
- (e) To provide a broad range of undergraduate degree programs in the arts and sciences, business administration, education and nursing.

(f) To offer an array of masters and specialists level graduate programs which grow clearly from areas of undergraduate strength and meet the emerging needs of the regions which we serve.

(g) To develop and offer programs and services responding to the needs of the people, institutions, and communities which we serve.

**Select Mission of the  
University of Wisconsin-Parkside**

***In addition to the system and core missions, the University of Wisconsin-Parkside has the following select mission:***

The University of Wisconsin-Parkside is a regionally based institution of higher education. The mission of the University is to offer undergraduate and graduate programs tailored to the needs of southeastern Wisconsin, a region which is adapting to the economic, political, and social realities of a changing industrial/technological society.

Besides traditional liberal arts programs, the University offers selected professional and pre-professional programs serving the managerial, technological and social needs of the region. The University also is dedicated to the enhancement of the cultural and economic life of the region it serves.

To fulfill this mission the University of Wisconsin-Parkside:

- (a) Offers the students the opportunity for close, collegial relationships with the faculty and staff in an institution dedicated to excellence in teaching, research, creative activity, and service.
- (b) Offers strong academic programs in the liberal arts disciplines which develop and assess the analytical and problem solving skills, understanding of one's own and other cultures, and awareness of self necessary for educated citizens of an advanced technological society.
- (c) Assists students to identify appropriate professional options within liberal arts disciplines.
- (d) Offers strong undergraduate and graduate professional programs in Business, Engineering Technology, Education and other areas relating to the technical/managerial needs of the area.



(e) Expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its special mission.

(f) Supports the application of scholarly activities to the social, cultural, and economic problems of modern industrial communities.

(g) Provides special programs to meet the educational needs of the minority and disadvantaged populations within the area.

(h) Demonstrates its commitment to the principle of life-long learning through the services it offers to non-traditional students, and through its outreach and continuing education programs.

(i) Serves as a focal point for cultural, artistic, intellectual and community activities in the region.

(j) Cooperates with the University of Wisconsin-Extension in the development and coordination of statewide outreach programming, integration of the extension function into the institution, and appropriate and adequate recognition of those involved in outreach activities.

**Select Mission of the  
University of Wisconsin-Platteville**

***In addition to the system and core missions, the University of Wisconsin-Platteville has the following select mission:***

(a) The University enables each student to become broader in perspective, more literate, intellectually more astute, ethically more sensitive, and to participate wisely in society as a competent professional and knowledgeable citizen.

(b) The University provides baccalaureate degree programs which meet primarily regional needs in arts and sciences, teacher education, business, and information management.

(c) The University provides baccalaureate degree programs and specialized programs in middle school education, engineering, technology management, agriculture, and criminal justice which have been identified as institutional areas of emphasis.

(d) The University should provide graduate programs in areas clearly associated with its undergraduate emphases in education, agriculture, technology management, and engineering.

(e) The University provides an Extended Degree Program in Business Administration for non-traditional students throughout the state.

(f) The University provides cooperative graduate instructional and research programs in agriculture with other University of Wisconsin System institutions.

(g) The University expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the baccalaureate degree level, its selected graduate programs, and its special mission.

(h) The University serves the needs of women, minority, disadvantaged and nontraditional students and seeks racial and ethnic diversification of the student body and the professional faculty and staff.

(i) The University serves as an educational, cultural and economic development resource to southwestern Wisconsin.

Select Mission of the  
University of Wisconsin-River Falls

*In addition to the system and core missions, the University of Wisconsin-River Falls has the following select mission:*

(a) The University provides an excellent environment for learning, emphasizing the importance of faculty-student interaction in classrooms, laboratories, academic advising, and co-curricular activities.

(b) The University offers liberal arts programs and degrees to meet regional needs in the arts; humanities; mathematics, natural and physical sciences; and social and behavioral sciences. The liberal arts also strengthen and broaden programs in the agricultural sciences, teacher education, and business administration.

(c) The University offers professional programs and degrees in teacher education with special emphases in early childhood, elementary, and secondary education.

(d) The University offers programs and degrees in the agricultural sciences, agri-business, and agricultural teacher education.

(e) The University offers graduate programs in education, agriculture, and other areas clearly associated with its mission. Development of cooperative graduate instructional programs with appropriate institutions is encouraged.

(f) The University expects scholarly activity, including research, scholarship, and creative endeavor, that supports its programs at the associate and baccalaureate level, its selected graduate programs, and its select mission.

(g) The University continues to develop interinstitutional relationships in cooperative research, graduate training, and undergraduate programs within the state, region, and world. As a border institution, the University promotes interstate cooperation.

(h) The University provides students opportunities to develop an appreciation of the richness and diversity of American culture and is committed to representing this diversity in its staff and student body.

(i) The University offers students the opportunity to increase their global awareness and sensitivity to other cultures. It also has a continuing commitment to provide opportunities for students to live, study, and travel abroad and to increase the number and diversity of international students on campus.

(j) The University provides public service by using its resources to address problems and concerns throughout the state and region. Special emphasis is placed on cooperative extension, extension, and economic development outreach.

(k) The University offers enrichment to the citizens of Western Wisconsin and the St. Croix River Valley by providing artistic, scientific, and other cultural events, programs, and exhibitions.

Select Mission of the  
University of Wisconsin-Stevens Point

*In addition to the system and core missions, the University of Wisconsin-Stevens Point has the following select mission:*

(a) To provide a broad foundation of liberal studies and selected degree programs in the fine arts, humanities, natural sciences, and social sciences, imparting the heritage of human civilization, critical intelligence, and the skills necessary for a lifetime of learning and upon which education in the professional fields may be built.

(b) To provide undergraduate professional programs in communicative disorders, teacher education, home economics, the visual and performing arts, paper science, and natural resources with emphasis on the management of resources.

(c) To provide graduate programs in teacher education, communicative disorders, natural resources, home economics, communication and other select areas clearly associated with this university's undergraduate emphases and strengths.

(d) To provide programs in wellness and health promotion.

(e) To provide quality undergraduate and graduate instruction through innovative methods utilizing print and nonprint library resources, computing, communications technology, and direct student assistance.

In addition:

(f) The university expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its select mission.

(g) The university cooperates with UW-Extension in the development and coordination of statewide outreach programming, integration of the extension function into the institution, and appropriate and adequate recognition of those involved in outreach activities.

Select Mission of the  
University of Wisconsin-Stout

*In addition to the system and core missions, the University of Wisconsin-Stout has the following select mission:*

University of Wisconsin-Stout, as a special mission institution, serves a unique role in the University of Wisconsin System. Stout is characterized by a distinctive array of programs leading to professional careers focused on the needs of society. These programs are presented through an approach to learning which involves combining theory, practice, and experimentation. Extending this special mission into the future requires that instruction, research and public service programs be adapted and modified as the needs of society change.

(a) The University offers undergraduate and graduate programs leading to professional careers in industry, commerce, education and human services through the study of technology, applied science, art, industrial management, human behavior, and home economics.

(b) The University integrates the humanities; arts; and natural, physical and social sciences into its undergraduate programs. Experiences in these areas provide a foundation for the major field of study, promote continuing personal and professional growth, and prepare the student to deal constructively with issues and opportunities of the future. The University places special emphasis upon student development.

(c) The University's programs center on human development and interpersonal relationships, efficient and effective practices in industry, commerce, education and human services, and the relationships of individuals to their environment and to society.

(d) The University develops new educational strategies, provides opportunities to learn through involvement and experimentation, and creates a climate of inquiry. The University experiments with new instructional methods in the interest of improving the learning process.



(e) The University expects scholarly activity including research, scholarship, development, and creative endeavor that supports its programs at the baccalaureate level, its select graduate programs, and its special mission.

(f) The University, through outreach and public service, addresses the needs of society and contributes to the welfare of the state and to its economic and technological development, and cooperates with University of Wisconsin-Extension.

(g) The University cooperates with the other University of Wisconsin institutions and the Vocational, Technical and Adult Education System, and other state and national agencies; and participates in state-wide, national and international programs.

Select Mission of the  
University of Wisconsin-Superior

*In addition to the system and core missions, the University of Wisconsin-Superior has the following select mission:*

The University of Wisconsin-Superior strives to become the university of choice for the citizens of northern Wisconsin and for students from elsewhere in the state and other states and countries. Its constituencies include recent high school graduates, non-traditional students and the general populace in the region who benefit from the educational, cultural, social and economic services of the University. In pursuit of its goal, the University provides a rigorous academic program characterized by excellence in teaching, a caring social environment for students to learn and develop, an organizational climate that is responsive to the needs of faculty and staff, and leadership in economic development and public service in northern Wisconsin. To accomplish these ends, the University will:

(a) Provide students with a carefully articulated and comprehensive foundation in liberal studies as a base for all degree programs.

(b) Award baccalaureate degrees in selected fields in education, the arts and the humanities, in the sciences and social sciences, and in business.

(c) Offer graduate programs in areas associated with its undergraduate emphases and strengths.

(d) Extend its undergraduate and graduate resources beyond the boundaries of the campus through distance learning programs.

(e) Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree levels, its selected graduate programs, and its special mission.

(f) Engage in appropriate interinstitutional relationships to enhance educational and service opportunities.

(g) Foster, with University of Wisconsin-Extension, the development of cooperative and general outreach programming and the integration of the Extension function with that of this institution.

Select Mission of the  
University of Wisconsin-Whitewater

*In addition to the system and core missions, the University of Wisconsin-Whitewater has the following select mission:*

- (a) The University offers an extensive range of undergraduate programs and degrees, including interdisciplinary programs, in letters, sciences, and the arts, as well as programs and degrees leading to professional specialization.
- (b) The University offers graduate education built clearly upon its undergraduate emphases and strengths with particular emphasis in the fields of business and education.
- (c) The University expects scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its special mission.
- (d) The University provides supportive services and programs for students with disabilities.
- (e) The University recruits minority and non-traditional students and provides support services and programs for them.
- (f) The University serves as a regional cultural and resource center.
- (g) The University provides continuing education and outreach programs as an integrated institutional activity.

Select Mission of the  
University of Wisconsin Centers

*In addition to the UW System mission, the University of Wisconsin Centers has the following select mission:*

The University of Wisconsin Centers, as part of the University of Wisconsin System, shares the University's overall responsibility to disseminate knowledge, expand information, enrich our culture, and to provide outreach services. These activities are carried out at the 13 locally-owned campuses which, collectively, are the freshman-sophomore, liberal arts transfer institution of the University of Wisconsin System, entitled to offer a general education associate degree. Its programs aim to provide qualified students of all ages and backgrounds with the proficiencies and breadth of knowledge that prepare them for baccalaureate and professional programs, for lifelong learning, and for leadership, service, and responsible citizenship.

To carry out its select mission, the University of Wisconsin Centers commits itself to the following goals:

- (a) To plan and to deliver the freshman-sophomore years of baccalaureate programs and professional studies.
- (b) To place major emphasis on teaching excellence.
- (c) To support the development, testing and use of effective teaching methods.
- (d) To expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate degree level.

(e) To serve the citizens in the University of Wisconsin Centers service areas by (1) promoting the integration of the extension function and encouraging faculty and staff to participate in outreach activity through, for example, providing continuing education programs, (2) facilitating the delivery of programs offered by other University of Wisconsin System institutions.

(f) To participate in inter-institutional relationships including but not limited to private colleges, public schools, other University of Wisconsin institutions, and the VTAE System in order to maximize educational opportunity and resources for the citizens of the University of Wisconsin Center service areas.

(g) To serve the special needs of minority, disadvantaged, disabled, and nontraditional students, especially those in immediate service areas.

(h) To provide opportunities for cultural enrichment in the service area of each University of Wisconsin Centers campus.

(i) To make available, as a service to business, industry, and the general public, the unique professional expertise of the faculty and staff.

## Select Mission of the University of Wisconsin-Extension

In addition to the UW System mission, the mission of the University of Wisconsin-Extension is to provide, jointly with the UW institutions and the Wisconsin counties, an extension program designed to apply University research, knowledge, and resources to meet the educational needs of Wisconsin people, wherever they live and work. This mission includes the work of the three UWEX divisions, Cooperative Extension, General Extension, and Telecommunications, in:

Teaching: to extend noncredit continuing education opportunities and campus-based degree credit, including programs to meet the relicensure and recertification needs of professionals, through a variety of delivery methods and media. These programs develop, organize, and impart knowledge and research applications needed by the general public and by such special groups as business, labor, agriculture, youth, families, government, and the professions.

Applied Research: to identify research problems, conduct applied research, and demonstrate the results of research relevant to the specific needs of individuals, organizations, businesses and communities.

Public Broadcasting and Communications: to provide informational, educational, cultural, and public affairs programming via public radio and television, and to improve and encourage effective use of existing and emerging communications technologies for public information, extension education, and communication among faculty, staff and clientele.

Statewide Program Leadership, Coordination, and Accountability: to provide for access of all Wisconsin citizens to the research, knowledge, and resources of their University System through program leadership, budget administration and program/budget accountability for

a coordinated statewide extension program delivered with and through the University of Wisconsin System institutions and county and area Extension offices. UW-Extension also serves as the UW System and state land-grant representative for extension program relationships with state government, appropriate state and federal agencies, and private sector groups, and it joins with county and other local units of government in the administration of the Cooperative Extension program.

The more specific character and purposes of the University of Wisconsin-Extension are delineated by examples of its particular program goals and clientele. These include, but are not limited to, the following:

(a) To educate and help agricultural producers, related businesses, and consumers apply the knowledge gained from basic and applied research.

(b) To strengthen the economy of Wisconsin and the economic interests of working people through educational and counseling programs for business owners/managers and employees, entrepreneurs, labor and trade union leaders, local governments, and community groups.

(c) To improve the cost-effectiveness and quality of government services and community planning through educational programs and counseling assistance to government officials and leaders of both urban and rural communities.

(d) To provide continuing education for professionals, organized groups, and the public on new developments in technical and scientific research and its applications

(e) To meet the educational needs of families and community leaders as they seek to improve the quality of life in the home and community and help youth realize their full potential and become responsible citizens.

(f) To provide a wide range of educational opportunities for individuals to develop leadership skills and improve their effectiveness in volunteer roles.



(g) To provide educational and public policy contributions to assure environmental quality and adequate conservation and efficient use of our natural resources.

(h) To enhance individual and group understanding of public policy issues and the implications of social, political, economic, and technological change.

(i) To contribute to the quality of elementary and secondary education through counseling, application of research findings and educational programs for families, communities, and school professionals.

(j) To improve human health and nutrition and the availability and quality of health care and social services through educational assistance to professionals, paraprofessionals, institutions, families, and communities.

(k) To meet individual and community needs for intellectual development, cultural enrichment, and creative learning in the arts, sciences, and humanities.

(l) To create a better understanding of communication processes and the function of the mass media in society.

(m) To take a strong leadership role in serving the special needs of women, minority, disadvantaged, disabled, and non-traditional students.

(n) To investigate and inventory the state's rock, mineral, water, soil, biologic, and climatologic resources and coordinate topographic mapping as a base for economic development, resource and environmental management, construction and siting, resource and land use policy and education.

(o) To expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs.

(p) To cooperate with public and private agencies, associations, and professional groups in sponsoring, developing, and/or providing access to educational programs to meet the needs of Wisconsin citizens. This cooperation shall be achieved in ways consistent with the missions and roles of the UW System and other state and federal agencies.

6/10/88

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Athletics

A. ~~A Contributor Agreement with G. Heileman Brewing Company, Inc. for the 1988 Crazylegs Five Mile Fun Run was signed between G. Heileman Brewing Company, Inc. and the University of Wisconsin-Madison. It provides for cash and in-kind contribution for the 1988 Crazylegs Five Mile Fun Run.~~ *nonpers. item A*

Nursing

B. ~~An Agreement has been signed between the University of Wisconsin-Madison School of Nursing and Carole A. Parsons for the Production of a Videotape to be used for educational purposes. The video will be used to demonstrate and explain adaptive devices disabled persons can use to facilitate independent living.~~ *nonpers. item B*

Athletics

C. ~~An Agreement has been signed between the Board of Regents of the University of Wisconsin System for the University of Wisconsin-Madison, Division of Intercollegiate Athletics and International Collegiate Enterprises, Inc., for the Licensing of UW-Madison Logos.~~ *Smith*

D. The following farm leases have been executed by the University of Wisconsin-River Falls Assistant Chancellor for Business and Finance for the purposes stated, in association with the University's agricultural operations:

UW-River Falls *leases for pastures land, nonpers. item D*  
- Bldg & Land

Lessor	Term	Acreage	Rate/A	Purpose
Al Kraft	6 mos from 5/1/88	70	\$20.00	Pasture
Grace Paulson	8 mos from 5/1/88	20	37.50	Pasture

Bldg & Land

E. ~~The Vice President for Physical Planning and Development has executed an amendment to Collection Agreement No. FP 87-0967 with the USDA Forest Products Laboratory for 502-504 North Walnut Street rental property. As reported to the Board in September, the Collection Agreement provided for advanced payment of \$38,000 by UW-Madison to Forest Products Laboratory for the survey and redesign of the HVAC systems in the leased buildings. The date for completion of this survey is extended, by this amendment, to September 30, 1988.~~ *nonpers. item E*

Forest Products Lab  
*(same)*

Bldg & Land

F. ~~Under authority granted to the Chancellor to approve names for rooms, floors, and other sections of Buildings, the UW-Madison Chancellor has advised the Physical Planning and Development of her intent to name the field area of the McClain Athletic Facility the "Elroy L. Hirsch Field".~~ *nonpers. item F*

McClain Athletic Facility  
*(same)*

Athletics

G. ~~The UW-Madison Vice Chancellor for Administration has executed a Facility Use Agreement with the National "W" Club for the use of the Field House and office space in connection with the Pride Classic on July 9, 1988. This will include a benefit basketball game, a sports skills clinic and a drug awareness program. Under terms of the agreement, the "W" Club pledges to pay a percentage of all funds raised by the Program to the University's Student Athletic Scholarship Fund, in light of the Program's charitable commitment, and in light of the additional purpose of the Program to honor minority athletes, coaches, and other University alumni. In exchange for this commitment, the Division of Intercollegiate Athletics will pay for all necessary expenses of the Facility and provide all necessary personnel for janitorial, security, crowd control and other essential services necessary for responsible maintenance and supervision of the Facility and the Program.~~ *nonpers. item G*

Bldg & Land  
*(same)*

*Belknap & Land*

H. ~~On signature of the Vice President for Physical Planning and Development, the UW-Madison lease of 3,800 square feet of storage space at 714-722 Williamson Street for the Administrative Data Processing unit, has been extended on a month-to-month basis, beginning March 1, 1988. The rent will be \$987 per month, an increase of \$47 per month from the agreement which was entered into on November 14, 1986 and which expired on February 29, 1988.~~

*Nonpara, Ste H*

*UW - Green Bay I. Belknap & Land*

I. ~~An agreement <sup>with</sup> between Bay Lake Regional Planning and the University of Wisconsin-Green Bay to provide for cooperative interest between staff members, was executed by the Assistant Chancellor for Fiscal and Administrative Services and became effective October 1, 1987. Under terms of the agreement, the university made rooms 450 and 450A in the Socio-Ecology Building available for BLRP's use at an annual rate of \$16,272, paid in installments of \$1,356. The agreement provided for its termination by either party with one hundred twenty days notice. The university has invoked this clause, citing organizational changes and student enrollment increases which have put new demands on space needs. The agreement will be terminated effective December 31, 1988.~~

*Nonpara, Ste I*

*Camp Randall - J.*

J. ~~The Chancellor of the University of Wisconsin-Madison has executed a Facility Use Agreement with Frank Productions, Inc., and Belkin Productions, Inc. for use of Camp Randall Stadium in connection with a concert by Pink Floyd on May 20, 1988. The sponsor of the Program is the Wisconsin Union Directorate in cooperation with the Division of Intercollegiate Athletics. Under terms of the agreement, the basic facility charge shall be \$15,000 or twelve percent of gross proceeds, to a maximum of \$70,000, whichever is greater. Other special terms and conditions are detailed in the agreement.~~

*Nonpara, Ste J.*

*Arboretum - K.*

K. ~~The UW-Madison Vice Chancellor for Administration has executed a renewal of the agreement between the Board of Regents and John and Sarah Shanklin relating to the Arboretum Security Residence for the period August 1, 1988 through July 31, 1989. In lieu of rent, the lease prescribes a series of duties to be performed in the Arboretum by Mr. Shanklin.~~

*Nonpara, Ste K*

*DOA - L.*

L. ~~The Vice President for Physical Planning and Development and the Administrator of the Division of State Facilities Management have executed a delegation agreement between the Department of Administration and the University of Wisconsin System. This agreement provides for delegating from DOA to the System responsibility for portions of the building program, in accordance with s. 16.85(11), Wisconsin Statutes. This agreement, dated May 10, 1988, is to be in effect until terminated or amended, in whole or in part, by DOA. Under terms of this agreement, DOA specifically delegates to the System, and the System agrees to assume responsibility for:~~

*Nonpara, Ste L*

1. ~~Defining problems, developing alternative solutions and project budgets, bidding and awarding contracts and supervising the construction and satisfactory completion of those projects costing \$30,000 or less.~~
2. ~~Conducting management reviews and audits to assure compliance with DOA policies and procedures and the agreement, as they relate to portions of the System building program.~~

M. On signature of the UW-Green Bay Assistant Chancellor for Fiscal and Administrative Services, the agreement between the General Services Administration-Department of Fisheries and the university has been renewed through the terminal date of February 28, 1990. The Department will continue to lease 2,060 square feet of net usable office space on the fourth floor of the Sociology Building, at an annual rent of \$16,068. This initial agreement became effective March 1, 1983.

N. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
Peter R. L. Brown	PHILOSOPHERS AND MONKS: A Late Antique Option
Leopold Damrosch, Jr.	FICTIONS OF REALITY IN THE AGE OF HUME AND JOHNSON
Lola L. Lopes	THE RHETORIC OF IRRATIONALITY
William Vance Trollinger	GOD'S EMPIRE: William Bell Riley and Midwestern Fundamentalism
Linda Zerilli	IMAGES OF WOMEN IN POLITICAL THEORY: Agents of Culture and Chaos