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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: July 7, 1989. 1989**

Richland Center, Wisconsin: Board of Regents of the University of Wisconsin System, 1989

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

Richland Center, Wisconsin

July 7, 1989

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Richland Center, Wisconsin

Held in the Coppertop Theatre, UW Center-Richland  
Friday, July 7, 1989  
9:00 a.m.

- President Schilling presiding -

PRESENT: Regents Clusen, Davis, DeLong, Doughty Luckhardt, Fish, Flores,  
Gelatt, Grover, Gundersen, Hanson, Lyon, Nicholas, Nikolay,  
Schilling, Vos and Weinstein

ABSENT: Regent Vattendahl

*Vos, Regent Robin -*

*Student*  
*Welcome to Regent Robin Vos, p. 1*

*ref Student Regent - (same)*

Regent President Schilling introduced and welcomed Robin Vos, who had been appointed by Governor Thompson to the student Regent position to succeed John Jarvis. A student at UW-Whitewater, Regent Vos is majoring in public relations and political science. He also has been very active in student governance on the UW-Whitewater campus.

Approval of the Minutes

Upon motion by Regent Fish, seconded by Regent Nicholas, the minutes of the annual meeting of the Board of Regents, held on June 9, 1989, were approved as distributed.

Educational Communications Board

REPORT OF THE PRESIDENT OF THE BOARD

Congratulations to Regent Clusen on Election as Chair of Educational Communications Board

Clusen, Regent Ruth - Congratulations on election as Chair of Educational Communications Board, p. 2

Congratulating Regent Clusen on her unanimous election as Chair of the Educational Communications Board, Regent President Schilling noted that the 16-member ECB includes citizen members appointed by the Governor and confirmed by the Senate, representatives of public broadcasting support groups, the UW System, the Department of Public Instruction, the Vocational, Technical and Adult Education System, the Department of Administration, and four legislators—a majority and minority member from each house. UW System Administration is represented on the board by Vice President Bornstein.

To be elected unanimously by this diverse group, Regent Schilling observed, is a great honor, which Regent Clusen had earned during her four years of dedicated service and which was well deserved.

Regent Clusen expressed gratitude to Regent President Schilling for having reappointed her as the Regent member of the ECB and to Vice President Bornstein for the assistance and advice he had provided.

Report of the Regent Member of the Educational Communications Board

Regent Clusen on structure of ECB, pp 2-3

Regent Clusen referred to material she had distributed to the Board, which included maps of Wisconsin public radio and television stations, along with an ECB organizational structure chart.

With regard to the makeup of the ECB, she observed that although each member represents a constituency, the group works together very well as a team. While there always had been a representative of the President of the UW System on the ECB, the Board of Regents had not had a representative until the statutes were changed in 1985, at which time she was appointed.

The ECB is the policy-making body for public broadcasting in Wisconsin, with the UW System having a role as the licensee for WHA—the flagship station. Noting that the Board of Regents' budget included an equipment base for WHA, she indicated that a major problem at this point is that equipment in both radio and television, particularly at WHA, had become quite old, while technology continued to advance rapidly.

Standing committees of the ECB are: (1) Programming, (2) Facilities, and (3) Executive Finance, traditionally chaired by the vice chair of the board with the other committee chairs as members. Regent Clusen had chaired the Executive Finance Committee for the past two years as vice chair of the ECB.

The mission of the ECB is to plan, develop and construct statewide radio and television systems and to work with educational agencies to help meet the needs for telecommunication techniques in the State of Wisconsin. The UW System role is to produce quality instructional programs, to assist in teacher training on the use of techniques, to do basic research in broadcast technology, and to assist the ECB and the Department of Public Instruction in program effectiveness and research.

The DPI's role on the ECB is a strong one, in providing both the financial and personnel support needed in the effort to reach all parts of the state.

One example of new technology that is operating well in Wisconsin, particularly due to assistance from DPI and the VTAE System, is the Instructional Television Fixed Service (ITFS), now being used in almost all parts of the state. Consisting of one-way video with interaction provided through standard telephone lines, ITFS can be used in remote location classrooms, as well as for training in industry or businesses.

In closing, Regent Clusen suggested that the Regents might wish to view the ITFS system when at a meeting in Madison.

Regent Weinstein asked if the ECB had a long-range plan for needed equipment, including funding implications.

Replying in the affirmative, Regent Clusen noted that the ECB's budget request was much larger than what was received, one reason being that the Governor wished to have a study done on all aspects of telecommunications in Wisconsin. In the capital budget, the ECB requested \$13 million in major projects, but only received \$247,000. However, it also would be possible to draw from an all-agency maintenance allocation which the Governor wanted to establish. A capital equipment fund drive had been discussed, since it would not be possible to meet all the ECB's needs from government funds, especially in view of a continual reduction in funding from the federal level.

VTAE

Report by the President of the State VTAE Board, p. 3

Adding to his written report, Regent DeLong, President of the VTAE Board, referred to the VTAE Board's newly adopted Minority Student Recruitment and Retention Policy. As a result of discussions by the Board of Regents, the policy contained a provision encouraging the support of joint VTAE, UW and DPI initiatives to promote opportunities for minority students.

Hospital, Council of Trustees - Report on meeting re. patient activity and fiscal matters, pp 3-4

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

Regent Flores, Chair of the Council of Trustees, reported on the June 9, 1989, meeting. With regard to patient activity at the hospital, Superintendent Derzon had advised that admissions were up 1.5 percent and patient-days were approximately five percent above last year. Inpatient activity during May was similar to last year, while ambulatory activity showed increases, particularly in outpatient surgery and the emergency room. The superintendent noted that the hospital's Women's Health Center had done well under its current medical director.

Senior Associate Superintendent Les Brower, along with Dick Reynolds, Director of Management Engineering, reported to the council on the

hospital's initiatives in the area of cost containment and productivity. Mr. Brower stated that the hospital incorporates cost containment as part of each department's annual goals and objectives and saves an estimated \$1.8 million annually through these initiatives. He noted that, since 1975, the hospital has had an active management engineering program, with a focus on increasing efficiency and productivity by analyzing work flow, staffing, space utilization, equipment needs and other factors. Mr. Reynolds described his department's programs and distributed a report summarizing the hospital's wide-ranging efforts to save money and maximize productivity.

Mr. Derzon and Mr. Christman, Director of Fiscal Affairs, presented to the council the hospital's proposed budget for 1989-90. Mr. Christman stated that declining reimbursement, particularly from government sources such as Medicare and Medicaid, continued to be a major influence on the hospital's budget. While the hospital collected 95 cents of every dollar charged four years ago, it now receives only about 78 cents for every dollar in charges. If reimbursement increased in proportion to expenses, the hospital would require only about half its requested 8.9 percent rate increase, according to Mr. Christman. The remaining portion of the proposed rate increase would cover projected increases in expenditures for supplies, salaries and fringe benefits.

The council voted approval of the proposed budget and voted to submit it to the Board of Regents at July's meeting.

Dr. Carl Getto, Associate Dean and Director of Clinical Affairs, provided the council with an update on quality assurance programs and presented new faculty appointments which were approved by the council.

*Legislative - Report on legislative activity including hearings on UWS 17, and work on educational savings bonds, federal assault, Report on Legislation and 89-91 financial budget, pp 4-7*

*Admin. Code - Administrative Rule Hearing on UWS 17, p. 4*

Vice President Bornstein reported that an administrative rule hearing on UWS 17, the Regent rules on student conduct, was scheduled for July 12, 1989, at 10:00 a.m. in Room 421 South of the State Capitol, to be held jointly by the Assembly Colleges and Universities Committee and the Senate Education Committee. Testifying at that hearing on behalf of System Administration would be Vice President Bornstein, System Counsel Patricia Hodulik and Dr. James Sulton, along with Chancellor MacTaggart of UW-Superior and Associate Vice Chancellor Certain of UW-Madison. It was anticipated that members of the Board would have interest in testifying as well. It also was expected that there would be citizens and members of the university community testifying both in support of and in opposition to the rules. If the committees took no action, the rules could be promulgated. If a committee made recommendations for changes, the rules would be returned to the Board of Regents for consideration of those recommendations.

*Xref Racism - (same)*

Regent Weinstein suggested that it would be helpful to the committees to have testimony from institutions with large minority populations.

*Xref minorities - (same)*

Regent President Schilling expressed the hope that members of the Board would be able to participate and offer testimony.

Bonds, Educational Savings - Report on Legislative activity, p. 5

Educational Savings Bonds

Vice President Bornstein reported on AB 233, the Cap and Gown legislation proposed by Speaker Loftus. Noting that the legislation in almost every way paralleled closely the Governor's initiative, he stated that it was a tribute to Regent President Schilling's leadership in working with state government to initiate the idea and that the Speaker and the Governor were in close communication on this matter. "I think that certainly will be a real boost for citizens of Wisconsin, and it is attributable to the leadership of the Board and also the bipartisan approach of the Governor and the Speaker of the Assembly."

The legislation would provide a \$100 million tax-free savings bond program to encourage early investment in a child's college education. The bonds would be doubly tax-exempt. Costing \$250 each at the point of purchase, the bonds would be worth \$1000 twenty years later and would be redeemable for tuition at any accredited institution of higher education in or outside of Wisconsin, with no waiting period. The Department of Administration would be charged with determining how these bonds could be targeted toward educational objectives rather than broad investment objectives.

Legislation Concerning Sexual Assault

In response to a question by Regent Gundersen, Vice President Bornstein explained that opposition to AB 431, concerning sexual assault and date rape, was based on the belief that it would not be appropriate for the Legislature to mandate a specific educational program. However, the UW System is committed to informing students appropriately, which was being done by the institutions through a variety of mechanisms.

Regent Gundersen commented that the System's position should be to support a full educational program for students as to sexual harassment in all its various forms, including assault.

Budget, Biennial - Discussion and statements on 1989-91 Biennial Budget Budget, pp 5-7

Vice President Bornstein made the following statement: "Let me take an opportunity that a vice president seldom has to do a retrospective on the legislative procedure for the biennial budget. We have this time the satisfaction that we 'done good.' But, we did so because we had a good game plan going in. This Board and President Shaw and the campuses, too, set reasonable, understandable and supportable priorities. That is always helpful as we try to sell a budget to decision-makers at the other end of State Street. I think we have this time certainly reached the height for my staff and myself. We really did have a great team. We had chancellors who participated very positively and constructively. They have a legislative liaison group that I and my staff work with on a monthly basis. They are a talented group of people. They had perseverance and dedication. I would like to state particular appreciation to my associates directly. Those are my assistant vice presidents Harvey Breuscher, David Martin and Judith Ward. It is a privilege for me to work with people of that talent and that dedication."



"Pursuing the analogy of the team, we really did have a great coach. We have a president in Buzz Shaw who makes decisions and sets priorities, and he instills team spirit and keeps our sense of humor going at times. He is always accessible, and I owe a great deal of gratitude to him as do the rest of my staff, as someone who you can not only relate with on a professional basis, but someone who can carry the message downtown and deal so effectively one-on-one with members of the Legislature.

"Last, but certainly not least, is my appreciation--personal and professional appreciation--to the leadership and members of this Board. When we called, whether it was night or day, weekday or weekend, we always found support, involvement and willingness to be of help to us. That is enormously important.

"So, what success we had in following your policy direction, I am certain, is directly reflective of the support and quality of the budget and the personnel involved. My thanks for that."

Commending System Administration staff, Regent Clusen stated: "Over the years I have been on the Board of Regents, when we have gone through the budget process, there has been consistent improvement in the way Regents are involved and kept informed, but I think it reached its zenith this year. I live some distance from Madison and the way in which we were kept up-to-date almost the instant that it happened was quite remarkable. Sometimes we got your reports before they were even carried in our newspapers. I can remember in the past this was not always the case. I think it was a mammoth effort on the part of the administration and your staff."

Regent President Schilling made the following statement: "I want to first thank the Governor and his staff and the Wisconsin Legislature as a whole for their understanding and demonstrated support of the UW System during the budget process. Among the many individuals in this group deserving special recognition are, of course, Governor Thompson himself, Secretary Klauser and Budget Director Chandler for the amount of time that they spent with us, even while we were still formulating our budget, and explaining their budget when it was being advanced. Clearly, the Governor's actions provided an excellent start for the legislative process.

"As I said last night, I am convinced that we would not have done as well had we not had such a strong budget proposal from the Governor at the start of the legislative process. We certainly want to identify some legislative friends in the process as well, and Tom Lyon will cover this in a minute.

"The many achievements in the budget were also the result of hard work by members of this Board, by President Shaw, Vice President Bornstein and their staff, as well as the chancellors and their legislative liaison personnel, all of whom did yeomen's service well above and beyond the normal call of duty. As President of the Board of Regents, I know that I speak for all Regents in congratulating you on a job well done. The System, faculty, staff and students owe you a debt of gratitude."

Regent Vice President Lyon made the following statement: "A month ago, I was judged by some to be somewhat critical of several legislative committee actions concerning the System budget. Since that time, we all know that through the process changes were made that I, for one, believe were especially helpful to financing and management of the System. I want to be as fair as I can and to thank those who played a key role in advancing those priorities.

"The Senate and Assembly Education Committees, chaired by Senator Jauch and Representative Rohan, showed in-depth interest and knowledge of the UW System budget. They certainly showed that they were advocates and were of enormous help to us.

"Also, the legislative leadership, especially Speaker Loftus, Majority Leader Strohl, Minority Leader Ellis, and Assembly Minority Leader Prosser, deserve our commendation for being strong supporters of the priorities that we established last winter and for dealing with the budget on a very positive and very bipartisan basis.

"As far as the Joint Finance Committee is concerned, many members were of assistance to the University through their support of the Governor's recommendations and other important budget provisions.

"Legislators, such as David Helbach, Chuck Chvala, David Travis, Stan Gruszynski, Fred Risser and Russ Feingold, certainly came to the forefront in the last 30 days in the preparation and finalization of this budget.

"The list of acknowledgments and sincere thanks could go on for quite some time. Suffice it to say, in the final analysis, the women and men of the Legislature demonstrated a determination to insure that the UW System remain strong and remain a high quality institution. For that, as one Regent, I am very appreciative, and I think the citizens of this state can and should be proud of the efforts that state government provided in passing a strong higher education state budget for this year."

Regent Doughty Luckhardt inquired as to the System's total amount of bonded indebtedness and the total debt service.

Vice President Brown replied that total debt authorization was increased by \$168 million, and Associate Vice President Sell added that debt service was \$22 million. Vice President Bornstein indicated that further information on that matter would be provided.

Regent Doughty Luckhardt asked that it be sent to all Regents.

*Chancellor -*

*Resolution of Commendation, Edward Penson, R 5266, pp 7-9*

Regent Davis presented the following resolution and moved its adoption. The motion was seconded by Regent Weinstein and approved by acclamation, with an ovation for Chancellor Penson.

*UW-Oakland Staff - (same)*

*Penson, Edward - Resolution of commendation, R 5266, pp 7-9*

Resolution 5266: Whereas, Edward M. Penson will leave the University of Wisconsin System on September 1, 1989, after having served with distinction as Chancellor of the University of Wisconsin-Oshkosh for 11 years; and

Whereas, during that time Chancellor Penson has established an impressive record of successful leadership in the enhancement of academic quality, resulting both in recognition of UW-Oshkosh as an excellent comprehensive university and a highly favorable reaccreditation report by the North Central Association; and

Whereas, among his accomplishments were the raising of admission standards which resulted in a better-prepared student body and lower attrition rates; initiation of a comprehensive five-year planning and goal-setting process; and designation of the UW-Oshkosh as a National Merit Scholarship Granting University; and

Whereas, his achievements as Chancellor have reflected his commitment to *Design for Diversity* in particular and his commitment in general to the progress of women and minority students, faculty and staff; and

Whereas, Chancellor Penson also established vital and ongoing community and business relationships, including creation of the Koehn Institute and founding of the Community/University Human Relations Council, as well as major growth in fund-raising through the University Foundation; and

Whereas, Georgann Penson has provided constant support and has made a valuable contribution to the advancement of UW-Oshkosh;

Therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby commends Edward M. Penson for the exemplary service he has rendered to the University of Wisconsin-Oshkosh, the University of Wisconsin System and the people of Wisconsin; and

Be it further resolved that the Board of Regents expresses deep appreciation to Chancellor and Mrs. Penson and wishes them success and happiness in all future endeavors.

In reply to a question by Regent Fish, Regent President Schilling indicated that there would be a resolution granting chancellor emeritus status at the September meeting.

Regent Hanson observed that the search for a worthy successor would be an enormous task. "We will miss him very much."

Chancellor Penson made the following statement: "I have great respect for the Board, appreciation for that resolution and a great need to be humble after I listened to every single, solitary syllable. I have worked with boards in Florida, Ohio, Massachusetts and Wisconsin, and I have interacted with about six other boards in other work I have done over the years. It is a simple article of truth to me that this Board is rather special. Its members do their homework, come to grips, grapple and decide, and many boards do not. You plan an agenda and many boards do not. You are open to hearing views at variance with your own and many boards do not. My respect to all of you.

"We have tried at Oshkosh to design and implement an agenda, along with our many colleagues at the university and in the community in the Fox River Valley. You have understood that agenda and the changes we are making. I want to tell you that I am confident, completely confident, that work will continue. I am very grateful to you all for your support and for your friendship. Thank you very much."

- - -

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

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

Resolution 5267: 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.

UW Centers - ✓

UW Centers Presentation <sup>To the Board</sup> "We Make A Difference", pp 9-12

Speaking on behalf of over 11,000 students and 750 employees of the 13 UW Center campuses, Chancellor Portch stated that the Centers do make a difference to those for whom the Centers exist--the students. He recalled that in 1984, when meeting at UW Center-Marathon County in Wausau, 15 Centers students spoke to Regents about their dreams for their futures. All 15 of those students have since graduated. Four of them are currently in graduate school, two at Stanford. Of the 20 National Science Foundation scholarships awarded in the nation, four went to University of Wisconsin students, two of whom were UW Centers students. Three other students are now in medical school, two married each other, and a total of nine are now married. They chose varied careers: teacher, accountant, computer scientist, blood researcher, program services person, furniture executive, banker, actuary, and a university faculty member.

Ref Regatta Presentation - (same)

Driven by the desire for student satisfaction and success, the Centers count as critical the parents' commitment to higher education. Eleven Kaul family members attended UWC-Richland, taking a total of 441 credits, with a family grade point average of 3.2. Two members of that family then addressed the Board of Regents.

Ann Kaul stated that the Richland campus made a tremendous difference to her family in three specific ways. First, she said that she received an excellent education for a very reasonable amount of money, equal to what she could have received at a larger university. Many of her family members could not have attended college for purely financial reasons had not this Center been located in their community. The second aspect was the personal touch. She never felt uncomfortable seeking out her instructors for help and some had a profound impact on her personal career decisions. The third way the Richland campus helped was in her career. Having returned to the surrounding community to teach high school mathematics, she found the instructors extremely willing to help her with questions about the subjects she was teaching, and she also took a class on computer programming at the Richland campus since graduation. For all these reasons she felt that the Richland campus really did make a difference for her and for her family.

Ann Kaul's sister, Mari Jo Kabat, said that UW Center-Richland also made a difference in her life, in the lives of her family and in the life of the community as well. Her first interaction with UW Center-Richland was in January 1974 when, as a high school senior, she was one-half credit short of graduating. Not wanting to spend an entire semester acquiring one-half credit, she merely showed up at UWC-Richland for spring registration, and they helped her with the registration process. As a result of her classes, *Grand Canyon Suite* is one of her favorite compositions and she still is taking a psychology class whenever there is time.

Currently a Talented and Gifted Student Coordinator for the Bangor School Districts, she was grateful for her opportunity 15 years ago, for the opportunities provided five of her brothers and sisters in successive years and for other students who need the challenge and freedom experienced on Center campuses to keep them motivated and excelling.

Deciding to work at a small rural high school, she discovered three other faculty members also had attended UWC-Richland. She believed the investment being made cannot be measured in dollars and cents--it only can be measured in the successful lives of the students and the communities they serve. She thanked UW Center-Richland for the difference it made for her family in the past and the difference it is making for the future.

Chancellor Portch stated that Regent Grover, as Superintendent of Public Instruction, had reason to be proud of people such as these who work in the school districts. This particular family, he continued, established a scholarship at the UW Center-Richland in the family name, and he acknowledged their mother, Mrs. Esther Kaul, who had clearly demonstrated her commitment to education.

The Chancellor then introduced Mrs. Betty Ptacek, a member of the UW Centers Board of Visitors and the mother of another family that has benefited from education at a UW Center.

Mrs. Ptacek stated that her five children were encouraged to attend the UWC-Marshfield/Wood County because of the quality of education and the benefits of a more gradual transition to university life. Having evaluated herself the courses taught, she was impressed with the high academic standards and the faculty's dedication and enthusiasm. She believed the small classes at the Center made the adjustment easier from high school to a larger campus like UW-Madison. All five of her children attended the Center for at least one, some for two years; and one graduated from a private college, one from UW-Stevens Point, and three from UW-Madison, with one of the Madison graduates going on to graduate from the Medical School. None of them had a problem transferring Center credits, and all graduated in four years or less, with two of them completing their undergraduate study in three years because they had taken classes at the Center when they were seniors in high school. Two of them had done independent study at the Marshfield Medical Research Foundation for university credit--an opportunity that would be unlikely at a larger campus.

Concluding her statement, Mrs. Ptacek stated that UWC-Marshfield/Wood County worked for her family and she believes the Centers have worked for everyone the way they were intended. She remained very grateful for this commitment to quality education in Wisconsin.

Chancellor Portch then introduced Elizabeth Collins, a nontraditional student who, along with her daughter, had attended UWC-Washington County in West Bend the past year.

Mrs. Collins stated that she had been the wife of Dan Collins for 27 years, content until three years ago to be a mother of three, taking care of her family, driving a school bus, babysitting, volunteering and singing in her church choir. She was involved in raising horses, feeding chickens, milking goats, organic gardening and various other hobbies. Doing almost none of those things now, she has found another interesting and fulfilling life in attending college. Her daughter, Karen, attended the Washington County campus as well, and the two of them will transfer to UW-Milwaukee as juniors this fall.

After obtaining an associate of arts degree at the Washington County Center, Mrs. Collins will major in comparative history. She stated that she has had the opportunity to start a completely new career, to have a second chance at a college education--a chance that did not exist for her at age 18. As a nontraditional student, she said, she represents a growing number of people entering the two-year centers around the state. These are the students who stay in their communities, raise their families and work part-time or full-time jobs. They are the students who often work harder, contribute more to the classes and take learning more seriously than many younger students. They serve as role models for those who may never have been on a college campus or who were interrupted ten, twenty or more years before and who tell themselves that they, too, can have a second chance.

When her first son left college and her second son showed little interest in schooling, she decided that education was indeed wasted on the young. She also felt that if she could start again, perhaps her sons would realize someday that they could do the same thing.

The return to school after so long a time was not an easy situation for her. If the campus had not been accessible, she would never have attended

college. She began by enrolling for six credits and, because the campus was near her home, she was able to remain active in the community. The classes were small so that she was not afraid to speak in class. The professors were not only knowledgeable, but accessible and, in learning more about her and her interests, encouraged her to reach beyond her self-expectations.

Because of the solid curriculum at the Center, all her credits transferred smoothly to UW-Milwaukee.

After earning a B.A. degree, she hopes either to teach older adults or enter law school. As society ages, she said, there will be an increased need for various forms of adult learning. As a nontraditional student herself, she would be in a position to offer encouragement. Looking back with gratitude and ahead with high hopes, she believed that law school also could be another viable option for her--an opportunity that she would never have imagined before she entered the UWC-Washington County.

Thanking Mrs. Collins, Chancellor Portch added that she has maintained a 3.96 grade point average.

Vice President Lyon stated that these presentations help make the long trips from Shawano to Madison and around the state to attend Board of Regent meetings truly rewarding.

Regent Flores said that he has known Dr. Louis Ptacek for several years and he was gratified to now meet his wife and daughter, Margo, and hear these stories.

President Schilling thanked Chancellor Portch for his presentation, which confirmed the statement that the UW Centers do make a difference.

*Lemon, Wallace - Acknowledgment at retirement, p. 12*

*Peterson, Dallas - " " " " "*

Acknowledgment of Wallace Lemon and Dallas Peterson

Noting that two long-time UW System officials were to retire in September, President Shaw expressed appreciation for their many years of service. "I would like to acknowledge and express appreciation to Wallace Lemon, who is retiring in September after a long and distinguished public career in state government and the UW System. He is Associate Vice President for Personnel Relations. We have all benefited from Wally's high degree of professionalism and his fine commitment to public service. We wish Wally a long and happy retirement.

"Secondly, I want to acknowledge, as Dr. Trani did yesterday in the Education Committee, the retirement of Associate Vice President Dallas Peterson. Dr. Peterson has helped to guide our academic planning process since merger. We will miss Dallas--his experience, his professional contributions and his commitment to the System. These are two fine people and we wish them well."

## REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Regent Nicholas, Chair of the Business and Finance Committee, presented the committee's report.

*Budget - Approval*  
 ✓ 1989-90 Operating Budget, R 5268, 13-16

At a portion of the meeting to which all Regents were invited, President Shaw presented the 1989-90 operating budget and fee schedules. Of the \$102.5 million total increase, GPR/Fees accounted for \$21.1 million, with the balance from self-supporting operations. Thirty-six percent of the \$1.9 billion operating budget would come from GPR; 15 percent from tuition/fees and the remaining 49 percent from self-supporting activities. The \$1.9 billion excluded GPR/Fee pay plan increases, which would not be determined until late summer or early fall.

*Hospital - (same)*  
 ✓ Budget items which were under discussion when the operating budget was published and which had since changed included academic staff salary catch-up, additional funding for catch-up for graduate teaching and project assistants, additional funding for five more AODA positions, funding for a summer research program at UW-Madison to increase minority representation in graduate programs in the biological and physical sciences and humanities, and dropping the three percent distribution of faculty pay plan at comprehensive universities.

*Fees - (same)*  
 ✓ The budget included an average segregated fee increase of 8.5 percent due to compensation and inflation costs, lower enrollments, new services, slightly lower interest earnings due to lower reserve balances, and increased debt service obligations as a result of new facilities.

The hospital budget included a 8.9 percent rate increase, almost half of which would be necessary to offset deductions from revenue, primarily due to inadequate government reimbursements from Medicare and Medicaid.

The average tuition increase would be 6.9 percent, assuming a pay plan of four percent. The overall percentage of cost paid by students would be 35 percent.

Jim Smith, representing United Council, commented briefly on some of the budget items.

After considerable discussion, Resolution 5268 was approved in committee on a vote of fourteen "Ayes" and two "Nos."

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

Resolution 5268: That, upon the recommendation of the President of the University of Wisconsin System, the 1989-90 operating budget, including auxiliary reserves and rates for academic tuition, segregated fees, room and board, parking, and University Hospital, as reflected in the document 1989-90 Operating Budget and Fee Schedules, July 1989 be approved. The 1989-90 amounts are:



GPR	\$ 675,414,700	(35.8%)
<u>Academic Tuition</u>	<u>275,962,799</u>	<u>(14.6%)</u>
Total GPR/Fees	951,377,499	(50.4%)
<u>Other</u>	<u>933,703,746</u>	<u>(49.6%)</u>
Total	\$1,885,081,245	(100.0%)

That the President of the University of Wisconsin System is authorized to make final budget and accounting changes and to adjust tuition for Minnesota reciprocity students to reflect final Minnesota fee information.

That adjustments required to reflect pay plans for unclassified staff will be determined in accordance with Resolution 1.2.d. dated 6-9-89.

That revisions required by Legislative action to the catch-up distribution guidelines for faculty and academic staff approved by the Board of Regents on March 10, 1989 will be submitted to the Board for approval.

Referring to page III-7 of the budget document, Regent Weinstein suggested that Table I be revised to add a column showing the percent of cost actually paid by students after applying the \$3 million offset against the 1989-90 tuition increase. He further requested that after the pay plan had been determined, a chart be provided showing for the last ten years the GPR, tuition, fees, gifts/grants and the Consumer Price Index as a percentage of the previous year. He thought it would be helpful to have such a comparison with the rate of inflation on an annual basis.

Regent Nikolay stated that he would vote against the resolution because of his view that serious consideration must be given to halting tuition increases. He considered it important to send a signal to the Legislature and the Executive that funds needed to operate the university must not continually come from the pockets of the students. Observing that the Board should understand what \$50 or \$75 means to a student who is working for the minimum wage, he stated that there must be a maximum limit on the burden that is placed on students. If the money could not be obtained from the Legislature, then it might be necessary to do some belt-tightening and perhaps terminate programs. At that point, the Legislature probably would take notice. "Almost every year since I've been on this Board, we have raised the tuition and I hope that you don't continue to do it in the indefinite future."

While students did not like tuition increases, Regent Vos said that almost all students he knew would prefer a modest tuition increase to a lessening in quality or terminating a program in which they might want to major. "I think it is a necessary evil, to a certain extent, to have tuition increases. I would rather have gradual, smaller tuition increases than to stop them for one year and have a big increase in the next year which hurts students even more."

Stating his intention to vote for the budget, Regent Weinstein requested that the Board be provided with figures on how UW System tuitions

compared with the guidelines set down in *Planning the Future*. "I don't know whether a 6.9 percent increase overall is too much, too little or just right, but I do know that our tuition remains one of the great bargains in this part of the world."

Regent Nicholas concurred with Regent Weinstein. While he did not like increasing tuition, he still considered UW System rates a great bargain for those who want to become educated in a great university system. He therefore supported the proposed increases. "We should be proud of the fact that we get the support we do, so that the tuition doesn't have to go through the ceiling."

Regent Flores commented that tuition was reaching a level at which many people are being priced out of the university. Even though tuition comprised only 14.6 percent of the total budget, and even though the percentage of tuition to total cost of education dropped for resident students to 31 percent, he was still worried by the amount students must pay--over \$2,000 at UW-Madison and UW-Milwaukee. While he preferred small increases to a period of no increases followed by a large increase, he shared the frustration expressed by Regent Nikolay that no way had been found to stop the continuing rise in tuition. Noting that tuition plus room/board and other expenses totaled more than \$5,000, he observed that few students could earn that much. Therefore, families had to pay or the money had to be borrowed. "Relative to other universities, this may be a bargain, but it is still very painful to many students and many families."

Regent Davis stated his agreement that UW System tuition is a bargain when compared with other institutions. "I want to take exception to what I see as a growing view that education is too expensive if it can't be paid for out of current income. This is an investment. It is a lifetime investment and the fact that you can't pay for it out of your summer job or current income does not mean that it is too expensive." While costs should be kept as low as possible and quality as high as possible, he did not consider the proposed tuition levels exorbitant.

Regent Flores commented that there are few people who can afford to save for their children's education, since many are preoccupied with making ends meet on a day-to-day basis. Many also have more than one child and no house on which to obtain a second mortgage. In addition, education loans are not long-term and become due as soon as a student changes from full-time to part-time status.

Regent Weinstein recalled that he once had said it would be his preference for no one to pay tuition because he felt the state should make that investment. On the other hand, in reality, the tuition formula is well established and is unlikely to be changed. In addition, he thought the Board had been responsible in keeping costs as low as possible. Therefore, the only answer for those who cannot afford the tuition is student loan and aid money. In that regard, he noted that federal funds in the last eight years had shifted to a heavier reliance on loans than grants. "The answer is that those who need help ought to get it and we have a responsibility to those people. The answer is not that we are going to get more GPR or we are going to cut costs. We have tried that. I think the student aid programs are important pieces of the answer and maybe we need more information so we don't generalize."

Regent President Schilling reported that the Higher Educational Aids Board had initiated a special task force on which he served. While it was premature to predict the results of the study, the focus of the first meeting was on the great frustration among states in terms of what had happened to federal programs. "A growing number of states are going back to the drawing board to recreate grant and loan programs or expand them. There may be relief down the road in that regard, but we are going to have to do it ourselves rather than depend on the federal government."

Regent Nicholas commented that people in this state who are really dedicated to getting an education can do it, although they may have to get grants or take out loans. "I think we have provided a great vehicle for higher education in this state. We should all be proud of it. It is cost effective. I think most people can pay the cost and get it done." He added that federal student aid for the fiscal year ending June 30 was almost \$74 million, up from \$52 million the previous year.

Pointing out that federal aid had been increasing every year, Regent Fish said he resented indications that federal support was being reduced. He was concerned, however, that the emphasis on loans could preclude some students from certain occupations. "It's questionable whether a social worker or an elementary school teacher can come out of the university with a large loan and be able to pay it. I would like to see a little more federal money in pure grants and not keep saying that we can overcome a tuition increase by having greater sums available in student loans because that money still has to be paid back. It is still a problem."

Regent Weinstein added that, while total money from the federal government had increased, the shift from grants to loans was a real problem for some students.

Regent Nicholas requested a breakdown of grant and loan funds.

Put to the vote, Resolution 5268 was adopted by the Board of Regents, with Regents Nikolay and Doughty Luckhardt voting "No."

#### Approval of Gifts, Grants and Contracts

Continuing the report of the Business and Finance Committee, Regent Nicholas said the committee as advised that gifts, grants and contracts for the twelve-month period ending June 16, 1989, totaled \$385.4 million, or \$45.2 million more than the same period last year. A \$21.8 million increase in student aid and a \$21.4 million increase in research accounted for the majority of the change. Of the \$45.2 million total increase, federal funds accounted for \$40.3 million--\$22.1 million in student aid and \$19.4 million in research. A \$1.7 million decrease in instruction partially offset those gains.

The net increase of \$4.9 million in non-federal gifts and grants was the result of increases of \$3.4 million in miscellaneous gifts, \$2.1 million in research and \$1.6 million in physical plant combined with a reduction of \$1.9 million in extension. The committee unanimously approved Resolution 5269.

Upon motion by Regent Nicholas, seconded by Regent Fish, the following resolution was adopted by the Board of Regents with Regent Davis abstaining from the vote.

Resolution 5269: 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.

*Walker, William E., Trust - Acceptance of Trust, R 5270, p.17*  
~~Gifts & Grants - Acceptance of~~  
William E. Walker Trust, R 5270, p.17

The Business and Finance Committee approved Resolution 5270, with the stipulation that the funds would be used for scholarships for both male and female students on the basis of their scholastic and athletic ability. The committee found it not permissible to make awards based on the sex of the students.

It was moved by Regent Nicholas, seconded by Regent Gundersen and unanimously carried that the following resolution be adopted by the Board of Regents.

Resolution 5270: That, upon the recommendation of the President of the University of Wisconsin System, the bequest of the late William E. Walker, of the Village of Maple Bluff, Dane County, Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

(The trust provides: (c) I have derived much pleasure from broadcasting and witnessing athletic events in which athletes of the University of Wisconsin participated. I, therefore, direct my Trustee to distribute to the Regents of the University of Wisconsin the sum of Fifty Thousand Dollars (\$50,000.00), the principal and income thereof to be used in the discretion of said Regents for athletic scholarships for male students on the basis of their scholastic and athletic ability. In the event such scholarships are not permissible for any reason then said Regents shall use such principal and income in their discretion to further competitive sports at said University.")

(Mr. Walker received a B.A. from UW-Madison in 1921.)

*Barton, Dorothea H., Request - Acceptance of bequest, R 5271, p. 18*  
*Historic Grants -* Dorothea H. Barton Bequest, R 5271, p. 18  
*Acceptance of*

Reporting unanimous Business and Finance Committee approval of Resolution 5271, Regent Nicholas commented that such gifts, which come from the goodness of people's hearts, are very helpful in paying for this university system.

Adoption by the Board of Regents of the following resolution was moved by Regent Nicholas, seconded by Regent Nikolay and unanimously carried.

Resolution 5271: That, upon the recommendation of the President of the University of Wisconsin System, the bequest of the late Dorothea H. Barton of Knoxville, Tennessee be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

(The will contained the following bequests:

"One fourth (1/4) to the University of Wisconsin, of Madison, Wisconsin, for the establishment of the Carrie R. Barton Memorial Scholarship Fund for graduate students majoring in Language Arts in the college of Education."

"One fourth (1/4) to the University of Wisconsin, Madison, Wisconsin, for the establishment of the B. Ruth Barton Memorial Scholarship Fund for graduate students majoring in History in the College of Liberal Arts.")

(Each one fourth share is \$49,427.54. Dorothea H. Barton received a B.S. in Family Resources from UW-Madison in 1942.)

*Audite*  
Quarterly Internal Audit Report, p. 18

Regent Nicholas reported that, in reviewing the quarterly audit report, the Business and Finance Committee discussed the importance of the audit function and the need to make audits more meaningful for Regents. Vice President Poellnitz was to work with the Regent Audit Representatives to develop a suitable structure.

Report of the Vice President for Business and Finance

Vice President Poellnitz reported to the Committee that the reserve for revenue shortfall and other contingencies was estimated to be \$1.2 million.

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**REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE**

Regent Nikolay, Chair of the Physical Planning and Development Committee, presented the Committee's report.

✓ UW-Green Bay <sup>Bldg + Land</sup> Indication of Willingness to Accept Land Gift (Kingfisher Farm) R 5272, p. 19

The committee unanimously approved a request that the Board indicate its willingness to accept a proposed testamentary gift of approximately 60 acres of land, with improvements. This property, known as Kingfisher Farm, is located on Lake Michigan in the Town of Centerville, Manitowoc County, approximately 50 miles from the University of Wisconsin-Green Bay campus.

Upon motion by Regent Nikolay, seconded by Regent DeLong, Resolution 5272 was adopted unanimously by the Board of Regents.

Resolution 5272: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the Regents indicate their willingness to accept a proposed testamentary gift of approximately 60 acres including a residence and buildings. The gift is known as the Kingfisher Farm and is located on Lake Michigan in the Town of Centerville, Manitowoc County, Wisconsin.

✓ Arboretum -

~~UW-Madison: Tabling of Request to Advertise for Sale of Land~~, pp 19-21 + 28

Regent Nikolay reported that the Committee approved on a two-to-one vote requested authority for the UW-Madison to appraise and advertise for sale approximately 13.5 acres of land, fronting on the West Beltline Highway, and which is considered surplus to the needs of the Arboretum. If a viable offer to sell were made as a result of this marketing effort, a formal request to sell would be brought to the Board for action.

✓ Bldg + Land - Tabling of request to advertise for sale of land from Arboretum, pp 19-21 + 28

It was moved by Regent Nikolay, seconded by Regent Hanson that the following resolution be adopted by the Board of Regents:

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to appraise and advertise for sale approximately 13.5 acres of unimproved UW-Madison Arboretum land located at 2100 West Beltline Highway in the City of Madison. Further authority to sell the parcel will be requested from the Board if a viable offer is received as the result of this marketing.

Regent Schilling asked why the land should be sold and what flexibility there would be in the use of the proceeds of the sale.

Replying that the Arboretum Committee would earmark use of the funds, Regent Nikolay said the Physical Planning and Development Committee discussed at length whether or not the property should be sold and whether the University could use it for any other purpose. It was noted that the land is hemmed in by commercial property and covered with underbrush. A representative from the Faculty Arboretum Committee advised the Physical Planning and Development Committee that it is not useful for Arboretum purposes. There did not seem to be other university development possibilities.

Regent Gundersen added that the property had been periodically offered for sale for 28 years but no reasonable offer had been received. If it could be sold for a reasonable price at this time, there are some interesting new Arboretum initiatives for which the sale money could be used.

Regent Schilling asked if it is assured that the University will control the use of those proceeds and that they could not be taken for any other purpose.

In response, Vice President Brown said the proceeds of the sale will go to the Arboretum Trust Fund and are to be used to set up an Aldo Leopold chair.

Regent Weinstein pointed out that 380 feet on the West Beltline is prime property. He asked why it could not be used for university building purposes.

Regent Nikolay noted that the land is substantially outside the campus boundaries and a long way from the downtown campus. He would not favor putting any classroom buildings in that location.

Noting that there was not 13 acres of buildable land in the downtown campus area, Regent Weinstein inquired as to the estimated worth of the land.

Regent Nikolay replied that the expected price was a million or a million-and-a-half dollars. The university had paid \$8,000 for the land.

Regent Flores asked if the land is contiguous to the rest of the Arboretum and if it is the policy of the university to sell Arboretum land.

Regent Hanson stated her belief that the Arboretum Committee is very careful about its land and would not sell any without good reason. This is land which they consider not useful to the Arboretum. At this time the University is trying to create the Aldo Leopold chair, which would involve being able to finance research for the Arboretum. "This is a great opportunity for them to get some basic money and really get this research project off the ground. This is probably a prime time to sell that land."

Regent Fish asked Chancellor Shalala whether the part of the Arboretum adjacent to the parcel to be sold is used in the Arboretum and if there would be a negative effect on that land from having the subject parcel sold and developed.

Chancellor Shalala indicated first that Regent Hanson was correct in stating that Arboretum land very rarely is sold. In this case, the Arboretum Committee considered this land not useful to the Arboretum as part of the research or planting strategies. It is zoned for commercial development.

Outlining the boundary of the Arboretum, Vice Chancellor VanEss indicated that the land to be sold is a disturbed piece of property with a drainage ditch running through it. It is not viewed as having any long-term value to the Arboretum program.

Regent Fish inquired as to the effect of filling the drainage ditch if the property is sold and commercialized.

Vice Chancellor VanEss replied that he had asked the Arboretum director, in the process of getting appraisals and taking bids on the property, to think about what kinds of deed restrictions ought to be applied to protect the Arboretum from development in this area.

Regent Nicholas inquired about the price history of trying to sell this land and the possible appreciation prospects for property of this type in five or ten years.

Chancellor Shalala replied that the land had acquired significant value. Selling it at this time was a strategic decision in terms of the research program to be mounted for the Arboretum and because conditions indicated that a large amount of money would be acquired from the sale. The proceeds would allow an immediate leap forward in the research effort.

Arboretum officials, she added, would be very tough in requiring any deed restrictions necessary to protect other parts of the Arboretum. She emphasized that the Arboretum Committee is very cautious and would not be offering this land for sale unless they had thoroughly considered its impact on the entire Arboretum.

Regent Flores observed that deed restrictions would affect the value of the property.

Regent Weinstein moved to table the resolution on the basis that more information is needed. In that regard, he noted that construction currently underway on the West Beltline might make the parcel even more valuable. "It has to be an incredibly valuable piece of property and I simply move to table until the next meeting to give us an opportunity to get some answers to questions."

The motion was seconded by Regent Nicholas and adopted on a roll call vote, with Regents DeLong, Doughty Luckhardt, Fish, Flores, Grover, Lyon, Nicholas, Vos, and Weinstein voting "Aye" (9) and Regents Clusen, Davis, Gelatt, Gundersen, Hanson, Nikolay, and Schilling voting "No" (7).

(See page 28: Defeat of motion to reconsider.)



UW-Madison: Approval to Grant Option to Purchase <sup>3/4 acre parcel in</sup>  
<sup>600 block of W. Johnson St., RS 5273, pp 22-23</sup>

Continuing the report of the Physical Planning and Development Committee, Regent Nikolay summarized committee review of a request to sell an approximate three-quarter acre parcel of land in the 600 block of West Johnson Street, adjacent to the University parking ramp presently under construction at the University of Wisconsin-Madison. A continuation of action taken by the Board in June 1987 to have this land developed for privately-owned student housing, the actual sale would not take place until notice is received that the City of Madison Community Development Authority has approved a developer's firm commitment to construct this housing.

The Committee was concerned that the resolution did not contain enough specific conditions associated with the proposal and revised it to delineate three particular stipulations and also to provide for a copy of the proposed agreement for sale of real estate to be filed in the Office of the Secretary of the Regents. (same)

It was moved by Regent Nikolay and seconded by Regent Gundersen that Resolution 5273 as amended be adopted by the Board of Regents.

Regent Flores asked if there was any opposition from neighboring property owners or other interested persons. Vice President Brown replied in the negative.

Put to the vote, Resolution 5273 was unanimously adopted by the Board of Regents.

Resolution 5273: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted to sell .65 acres of unimproved land located at 600 Block of West Johnson Street in the City of Madison to the Community Development Authority of the City of Madison, for a total price of \$237,069.14. A detailed legal description of this property is on file in the office of the Secretary of the Board of Regents.

This option to purchase is granted with the following conditions:

- (1) Unless extended by specific action of the Board of Regents, the option to purchase must be exercised by February 27, 1993.
- (2) The option to purchase can be exercised only upon presentation of evidence of receipt of a developer's firm commitment to construct high-rise, student oriented housing on Lot 2 of the University Certified Survey. The university-owned parking ramp also must be completed before the transfer is made.

(3) If the option to purchase is exercised and the developer fails to proceed with construction in accordance with the agreement with the Community Development Authority, the university shall have the option to repurchase the property at the sale price of \$237,069.14.

(The proposed Agreement for Sale of Real Estate is on file in the office of the Secretary of the Board of Regents.)

*Bldg & Land*

UW-Madison: Approval of <sup>Telephone</sup> Easement for Arlington Farm, R 5274, p. 23

The Physical Planning and Development Committee unanimously approved execution of an easement to North-West Telephone Company to allow relocation of telephone lines in conjunction with planned improvements to U.S. Highway 51 where the road abuts the UW-Madison's Arlington Agricultural Research Station.

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

Resolution 5274: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board are authorized to execute an easement to North-West Telephone Company covering a 10-foot right-of-way for a distance of approximately 3,960 feet adjacent to the recently revised U.S. Highway 51 DOT right-of-way, on the east edge of the Arlington Agricultural Research Station in the Town of Leeds, Columbia County. The telephone company will offer a one-time token payment of \$198 for this easement.

*Exp. Items - (same)*

*Arlington Farm - (same)*

*UW Green Bay - Bldg & Land*

UW Green Bay: Approval to Construct Major Project *Center for Performing Arts*  
R 5275, pp 23-25

Regent Nikolay reported unanimous committee approval of the design report and authority to construct the University of Wisconsin-Green Bay Center for the Performing Arts, the design report being consistent with the approved program and within the authorized budget of \$12,700,000. This approval was contingent upon the university providing evidence to the Business and Finance Committee of a successful fund-raising effort to assure availability of the \$9,200,000 in gift funds.

It was moved by Regent Nikolay and seconded by Regent Clusen that the following resolution be adopted by the Board of Regents.

That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to construct the 1989-91 Center for the Performing Arts project on the campus at UW-Green Bay, for a total project cost of \$12,700,000 (\$3,500,000 General Fund Supported Borrowing and \$9,200,000 Gifts). This approval is contingent upon assurances to the Business and Finance Committee of the Board of Regents on the availability of gift funds.

Regent Schilling commented on the importance of language stating that approval is contingent upon assurances to the Regents and urged that careful thought be given to the nature of those assurances. In the case of the UW-Madison McClain facility, he recalled that there were assurances in the form of simple statements that the funds would be available. However, that turned out not to be the case. He asked the Business and Finance Committee to consider in advance what form of assurances will be required.

Concurring with the need to define the term "assurance," Regent Davis asked if the resolution meant that construction could not begin until the Business and Finance Committee gave its approval.

Regent President Schilling said that would be his interpretation of the resolution, with the Business and Finance Committee determining what type of assurances must be offered.

Regent Fish did not think that a committee of the Board of Regents other than the Executive Committee could take action for the entire Board. Therefore, he suggested that approval be made contingent upon assurances to the Board of Regents on the availability of gift funds. He also was concerned about what actually was meant by the language that on the one hand gave authority to construct but on the other hand indicated that construction should not be undertaken until the Regents were satisfied as to the availability of gift funds.

Regent President Schilling interpreted the last sentence as qualifying all that preceded it. Therefore, construction could not begin until the assurances are accepted.

With concurrence of those who moved and seconded the resolution, it was amended to strike from the penultimate line the words "Business and Finance Committee of the..."

Regent DeLong inquired as to the purpose of acting on the resolution at this time and whether the resolution with authority to construct could not come to the Board at such time as the funds are in hand.

Vice President Brown replied that the remaining 60 percent of the final design work would be continued in the interim. Without action granting authority to continue, the design process would be stopped.

Regent Clusen added that one reason for passing a resolution would be to show forward progress, which is helpful in fundraising efforts.

Regent Gelatt asked if gift funds were being sought for both construction and maintenance, and Regent Nikolay replied in the affirmative.

It was suggested by Regent Gelatt that the resolution explicitly state that gift funds would be used for both purposes.

Regent Vice President Lyon recalled that an earlier resolution made it clear that the gift funding was for both construction and operation/maintenance.

In response to a question by Regent Nicholas, Associate Chancellor Harden said \$8.7 million in gift funds either had been raised or pledged.

Put to the vote, Resolution 5275 was adopted unanimously as amended.

Resolution 5275: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to construct the 1989-91 Center for the Performing Arts project on the campus at UW-Green Bay, for a total project cost of \$12,700,000 (\$3,500,000 General Fund Supported Borrowing and \$9,200,000 Gifts). This approval is contingent upon assurances to the Board of Regents on the availability of gift funds.

*Bldg + Land*

UW-Madison Approval to Construct Major Project

Reporting unanimous committee approval of Resolution 5276, Regent Nikolay moved its adoption by the Board of Regents and the motion was seconded by Regent Gundersen.

In response to a question by Regent Weinstein, Vice President Brown explained that this project was not related to removing one floor from the library.

*x ref Library Memorial - (same)*

Put to the vote, Resolution 5276 was adopted unanimously.

Resolution 5276: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to construct the 1989-91 Memorial Library Addition Compact Shelving project, on the campus at UW-Madison, at an estimated total project cost of \$2,370,000 of 1989-91 General Fund Supported Borrowing.

*R 5276, p. 25*

UW-Milwaukee Approval to Construct Major Projects

Regent Nikolay reported unanimous approval by the Physical Planning and Development Committee to construct Phases II and III of the Sandburg Residence Hall Domestic Hot Water Distribution Piping Replacement project,

*Sandburg Hall*

*R 5277, PP 25-26*

which would continue the replacement with copper of corroded galvanized steel hot water piping.

Resolution 5277 was unanimously adopted by the Board of Regents, upon motion by Regent Nikolay, seconded by Regent Doughty Luckhardt.

Resolution 5277: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to construct a 1989 Sandburg Residence Hall Domestic Hot Water Distribution Piping Replacement Phases II and III project, for an estimated total project cost of \$593,000 of Program Revenue funds.

*UW-Stevens Pt. - Bldg + Land - Budget increase for*

**UW-Stevens Point: Approval of Budget Increase for Major Project**

Regent Nikolay reported unanimous approval by the Physical Planning and Development Committee of a \$134,000 budget increase for construction of an east-west corridor as part of the Physical Education Addition and Remodeling project at the University of Wisconsin-Stevens Point. The purpose was to connect the existing entrance on the north side of the building with the new north-south corridor to be constructed on the east side of the addition.

Upon motion by Regent Nikolay, seconded by Regent Gundersen, the following resolution was adopted by the Board of Regents, with Regent Hanson voting "No."

Resolution 5278: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, authority be granted to increase the project budget on the Physical Education, Health Promotion and Human Development Facilities Addition and Remodeling project (8007-10) by \$134,000 of General Fund Supported Borrowing - Residual Borrowing Authority to construct an East-West Corridor, for a revised total project budget as follows:

*R 5278, p. 25*

- a) 1987-89 General Fund Supported Borrowing: \$ 5,760,000
- b) Program Revenue Supported Borrowing: 1,060,000
- c) 1987-89 General Fund Supported Borrowing -  
Health, Safety and Environment Program: 43,000
- d) General Fund Supported Borrowing -  
Residual Borrowing Authority: 134,000
- Total: \$ 6,997,000

**UW System: Approval to Construct Minor Projects**

Regent Nikolay reported unanimous committee approval of Resolution 5279, with the technical adjustment of correcting the Curtin Hall funding source to maintenance funds.

It was moved by Regent Nikolay, seconded by Regent Vos and unanimously carried that the following resolution be adopted by the Board of Regents.

Resolution 5279: That, upon the recommendation of the UW-Eau Claire, UW-La Crosse, UW-Milwaukee and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, authority be granted to construct the following minor projects, at the costs and from the funding sources indicated. These funding sources are summarized as follow:

Program Revenues	\$347,800
General Fund Supported Borrowing -	
Maintenance Funds	216,000
Minor Project Funds	54,000
	<u>\$617,800</u>

*UW-Eau Claire - Budget Fund Approval of*

*UW-La Crosse - Budget Fund Approval of*

*UW-Milw. - Budget Fund Approval of*

*UW-Milwaukee - Budget Fund Approval of*

*UW-Milwaukee - Purin Hall Roof Replacement*

*UW-Milwaukee - Purin Hall roof replacement*

*UW-Stevens Point - Approval of*

UW-Eau Claire: Murray and Sutherland Residence Halls Shower Repair, \$72,000, ~~Program Revenue fund~~ R 5279, PP 26-27

UW-La Crosse: Whitney Center Dining Hall Remodeling, R 5279, \$239,600, ~~Program Revenue funds~~ PP 26-27

UW-Milwaukee: Curtin Hall Elevator Repair, \$216,000, ~~Maintenance Funds~~

UW-Milwaukee: Purin Hall Roof Replacement \$36,200, R 5279, ~~Program Revenues~~ PP 26-27

UW-Milwaukee: Purin Hall roof replacement, R 5279, \$54,000, ~~General Fund Supported Borrowing - Minor Project funds~~ PP 26-27

UW-Stevens Point: Science Building Air Conditioning, R 5279, \$54,000, ~~General Fund Supported Borrowing - Minor Project funds~~ PP 26-27

**Bid Openings and Status of Projects**

Regent Nikolay reported that the committee heard reports, which required no Regent action, relating to bid openings and to the status of projects.

*Facilities*  
*Naming of - Closed session of PPD Committee*

**Closed Session**

Regent Nikolay reported that the Committee met in closed session to consider the naming of a facility for the University of Wisconsin Madison after a person as authorized by section 19.85(1)(f), *Wisconsin Statutes*.

p. 27

Failure to Remove from Table for Consideration Resolution on Granting Authority to Appraise and Advertise for Sale 13.5 Acres of Unimproved UW-Madison Arboretum Land (See pages 9-21)

Regent Fish moved reconsideration of the action to table the resolution on granting authority to appraise and advertise for sale 13.5 acres of Arboretum land. The motion was seconded by Regent Hanson.

In support of the motion, Regent Fish stated that the resolution would allow Arboretum officials to find out the market value of the land but still would enable the Board to then decide whether the sale should be made.

Speaking in opposition to the motion, Regent Flores said he would prefer to have the questions regarding environmental issues and deed restrictions answered before bids were solicited.

On a roll-call vote, the motion to reconsider failed with Regents Clusen, Davis, Fish, Gelatt, Gundersen, Hanson, Nikolay, and Schilling voting "Aye" (8) and Regents DeLong, Doughty Luckhardt, Flores, Grover, Lyon, Nicholas, Vos and Weinstein voting "No" (8).

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**REPORT OF THE EDUCATION COMMITTEE**

Regent Grover, Chair of the Education Committee, presented the committee's report.

*UW Centers*

*Education Committee*

Presentation by UWC-Marathon County/UWC-Waukesha County, p. 28

The Committee heard a UW Centers presentation by Professor Bob Bermant, UWC-Waukesha County, and Professor Bryan Hendricks, UWC-Marathon County, on the experimental psychology courses in which they encourage students to participate at the Annual Research Symposium in Psychology sponsored by UW-Madison.

Report of the Vice President

*Design for Diversity - Report*

Ethnic Studies Programs

In accordance with Regent policy in *Design for Diversity* that all students will be required either to take an ethnic studies course or participate in a mandatory ethnic or multi-cultural program, Vice President Trani advised the Education Committee that all institutions <sup>had been</sup> reported that decisions had been made to meet this policy mandate by including the requirements in the formal curriculum of the schools and colleges. Regent Weinstein asked that the committee be provided in September with a list of those campuses that will not have their *Design for Diversity* curricular requirements in place by the beginning of this fall.

*participate in a*

*of either an ethnic studies course or*

*p. 28*

*X ref. Minorities - (same)*

*Staff*  
UW-Eau Claire - Appointment by Chan. Schnack of  
Acting Vice Chancellor, UW-Eau Claire

Chancellor Larry Schnack introduced Dr. Patricia Ostmo, <sup>as</sup> whom he had appointed Acting Vice Chancellor for 1989-90, p. 29

X ref Chancellor - (same, but add "at UW-Eau Claire")  
X ref Ostmo, Patricia - (same) Exchange Administrator

Vice President Trani introduced Catharine Pittaway, an academic planner from the University of London, who was spending the month in the Office of Academic Affairs as an exchange administrator.

Academic Affairs - This Res. for - Introductory of month visit of academic planner from London, p. 29

Strategic Planning -  
Initial Review of Report on Strategic Planning for Engineering and Engineering Technology, p. 29

Regent Grover reported that the Education Committee heard a report on Strategic Planning for Engineering and Engineering Technology, presented by President Shaw and UW-Madison Professor James Skiles, chair of the task force. After discussion, the committee suggested that President Shaw present language to convey a sense of urgency, highlighting the concepts and the policy statements in the suggested guidelines.

The report, with the President's recommendations and guidelines, was to be returned to the agenda in September or October.

Regent Policy -  
Initial Review of Leave of Absence Policy, p. 29

Leave of Absence - (same)  
A proposed leave of absence policy was presented to the Education Committee for initial review, in response to the committee's request at the June meeting that it be provided with a proposed redraft of Regent Policy Document 74-9 (Regent Resolution 800) and Regent Policy Document 78-3, (Regent Resolution 1648). In discussion, Regent Weinstein asked that the committee be provided in September with another option--a policy that would limit all leaves to two years, and would excise Sections II and III--provisions for people seeking political or appointive offices--from the policy.

Admissions -  
UWS/DPI Admissions Communications Task Force Report, pp 29-30

Regent Grover reported on the UW System/DPI Admissions Communications Task Force Report which was presented to the Education Committee by President Shaw. Co-chair Karl Hertz, Superintendent of the Mequon-Thiensville School District, summarized the recommendations of the report, including improvements in high school transcripts and course titles; lead time for changes to university admission requirements; changes to existing admissions information materials; designation of college preparatory courses; and facilitating ongoing inter-system articulation.

X ref Dept of Public Instr. - (same)  
Associate Vice President and Task Force Co-chair Albert Beaver described the activity which had taken place since the report was written,



the process of communicating the information within the UW System, DPI and local school districts, and courses likely or not likely to be accepted as college preparatory courses.

✓ Board of Regents

→ Closing of the UW-Madison Typography Lab, p. 30

The Committee heard student concerns about closing the Typography Lab at UW-Madison. James Sullivan, of the Wisconsin Student Association, and Rob McGinnis, of United Council, commented on the proposed closing and problems this could cause the *Daily Cardinal*. They asked that the Board intervene and have UW-Madison delay the lab closing until after the September Board meeting.

In response to questions by Regent Flores, Chancellor Shalala stated that conversations were ongoing between her office and the students, and she was determined to find an alternative publishing source for the *Daily Cardinal* so that there would be no interruption in publication.

✓ UW-Green Bay

→ Amendments to UW-Green Bay Faculty Policies and Procedures, R 5280, p. 30

Reporting unanimous committee approval of Resolution 5280, Regent Grover moved its adoption by the Board of Regents. The motion was seconded by Regent Davis and carried unanimously.

Resolution 5280: That, upon recommendation of the Chancellor of the University of Wisconsin-Green Bay and the President of the University of Wisconsin System, the amendments to Chapters UWGB 3 and UWGB 7 of the University of Wisconsin-Green Bay Faculty Policies and Procedures be approved.

✓ UW-Parkside

→ Amendments to UW-Parkside Faculty Policies and Procedures, R 5281, p. 30

The Education Committee having unanimously approved the following resolution, Regent Grover moved its adoption by the Board of Regents. The motion was seconded by Regent Davis and voted unanimously.

Resolution 5281: That, upon recommendation of the Chancellor of the University of Wisconsin-Parkside and the President of the University of Wisconsin System, the amendments to Chapters UWPF 6 and UWPF 7 of the University of Wisconsin-Parkside Faculty Policies and Procedures be approved.

✓ UW-Milwaukee

→ Amendments to UW-Milwaukee Faculty Policies and Procedures, R 5282, pp 30-31

Regent Grover reported unanimous committee approval of Resolution 5282 and moved its adoption by the Board of Regents. The motion was seconded by Regent DeLong and carried unanimously.

Resolution 5282: That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the amendments to sections A 2.7, A 3.2, A 2.3 (2) and A 5.44 (4) of the University of Wisconsin-Milwaukee Faculty Policies and Procedures be approved.

*Chancellors -*

Authorization to Recruit Vice Chancellor, UW-Eau Claire, R 5283, p. 31

*X ref UW-Eau Claire - staff - (same)*

The Education Committee approved Resolution 5283, with Regent Weinstein abstaining. Upon motion by Regent Grover, seconded by Regent Flores, the following resolution was adopted by the Board of Regents with Regent Weinstein abstaining from the vote.

*Authorization to Recruit - Vice Chancellor, UW-Eau Claire, R 5283, p. 31*

Resolution 5283: That, upon recommendation of the Chancellor of the University of Wisconsin-Eau Claire and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Vice Chancellor of the University of Wisconsin-Eau Claire.

*College of Engineering -*

Authorization to Recruit Professor, Department of Electrical and Computer Engineering, College of Engineering, UW-Madison R 5284, p. 31

The Education Committee having unanimously approved the following resolution, Regent Grover moved its adoption by the Board of Regents. The motion was seconded by Regent Regent DeLong and carried unanimously.

*X ref Authorization to Recruit - Professor, Dept of Elec, etc, etc, (same)*

Resolution 5284: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Professor, Department of Electrical and Computer Engineering, College of Engineering, University of Wisconsin-Madison.

*Professorship -*

Named Professorship

Regent Grover reported unanimous approval by the Education Committee in closed session of Resolution 5285 and moved its adoption by the Board of Regents. The motion was seconded by Regent DeLong and unanimously voted.

Resolution 5285: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Timothy J. Kinsella be changed from Professor, named Department of Human Oncology, to Donald W. and Margaret M. Anderson Professor of Human Oncology, Department of Human Oncology, Medical School, UW-Madison, University of Wisconsin-Madison, effective immediately.~~ *named* *UW-Madison* *R 5285, p. 31*

Regent - Meetings

**ADDITIONAL RESOLUTIONS**

Cancellation of August 1989 Meetings, R 5286, p. 32

Regent President Schilling noted that the Board of Regents meeting schedule included meetings on August 10 and 11, 1989. Although August meetings are scheduled each year, it has been the Board's practice to cancel those meetings in the absence of a specific need to meet during that month. There being no agenda items scheduled for Board action in August, Resolution 5286 would cancel the August 10 and 11 meetings. The next meetings would be on September 7 and 8.

It was moved by Regent Nicholas, seconded by Regent Weinstein and unanimously voted that the following resolution be adopted by the Board of Regents.

Resolution 5286: That the meetings of the Board of Regents scheduled for August 10 and 11, 1989, be cancelled.

UW Centers

Resolution of Appreciation to UW Centers *for having Board meetings at UW Center-Richland, R 5287, pp 52-33*

Regent Fish presented Resolution 5287 and moved its adoption by the Board of Regents. The motion was seconded by Regent Gundersen and carried by acclamation with an ovation.

Resolution 5287: Whereas, the Board of Regents is very pleased to have been invited to hold our July 1989 meetings at the UW Center-Richland; and

Regent - Meetings (some)

Whereas, this visit is the second time in recent years that the Board has met on a UW Center campus, providing the occasion to focus attention on the special mission of the UW Centers and their unique contributions to the UW System; and

Whereas, highlights of our visit included the interesting presentations, tours and other special events provided by the UW Centers and the Richland campus community; and

Whereas, we greatly appreciate the warm and gracious hospitality extended by Chancellor Portch, Acting Dean Birkett, the UW Center-Richland, and the community of Richland Center;

Therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby expresses our gratitude to all those involved in making this visit an especially memorable and enjoyable occasion.

In addition to the generous hospitality extended by Chancellor Portch, Acting Dean Birkett and the UWC-Richland, Regent President Schilling noted that the community had also made the Board and other visitors feel very welcome, with special signs displayed by merchants and a proclamation presented by the Mayor of Richland Center declaring July 6 and 7 UW System Board of Regents Days.

*new card*  
 ADDITIONAL BUSINESS

*Question of state's obligation, in view of Marquette University lack of students p. 33*  
~~Dental Education~~  
Dental Education in the State

Regent Vice President Lyon noted media coverage about the decline of the dental school at Marquette University due to loss of money and lack of students. He requested a future report as to whether the UW System has an obligation to provide dental education for the State of Wisconsin.

Regent Weinstein observed that part of the problem was related to reciprocity with the State of Minnesota which has a dental school and with that school charging lower tuition to Wisconsin students than does Marquette.

CLOSED SESSION

At 11:35 a.m., the following resolution was moved by Regent Lyon and unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Fish, Flores, Gelatt, Grover, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vos and Weinstein voting "Aye" (16), and no Regents voting "No."

Resolution 5288: That the Board of Regents recess into closed session to consider personnel matters, including appointment of an Acting Chancellor, UW-Oshkosh, as permitted by s. 19.85(1)(c), *Wis. Stats.*; for possible action on appointments to UW Centers and UW-Whitewater Boards of Visitors, as permitted by s. 19.85(1)(f), *Wis. Stats.*; to consider naming of UW-Madison facility after a person, as permitted by s. 19.85(1)(f), *Wis. Stats.*; and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

The Board arose from closed session at 11:55 a.m., having adopted the following resolutions:

Resolution 5289: That, upon the recommendation of the Chancellor of the UW Centers and the President of the University of Wisconsin System, the following appointments be made to the UW Centers Board of Visitors:

UW Centers - Visitors

✓ For Appointment to a term ending July 1, 1992:  
Ms. Phyllis Schieffer

✓ For reappointment to terms ending July 1, 1992:  
Mr. Allen Paschen, Ms. Beatrice Ptacek, Mr. James Olson, and Mr. Ronald Meyer, R 5289, PP 33-34

UW-Whitewater - Visitors

Resolution 5290: That, upon the recommendation of the Chancellor of UW-Whitewater and the President of the University of Wisconsin System, the following appointments be made to the UW-Whitewater Board of Visitors:

✓ For Appointment to terms ending June 30, 1992:  
Dr. Fannie E. Hicklin and Mr. Douglas Timmerman

✓ For reappointment to terms ending June 30, 1992:  
Mr. James Caldwell, Mr. Paul Webber and Mrs. Fern Young, R 5290, P. 34

Facilities, naming

Resolution 5291: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the screenhouse at the Lelah Starks Elite Foundation Seed Potato Farm ~~be~~ named the Felix M. Zeloski Screenhouse.

Starks Farm Potato Storage Facility

Zeloski, Felix M. Screenhouse - (same)

Resolution 5292: That, upon recommendation of the President of the University of Wisconsin System, David J. Ward be appointed Acting Chancellor, University of ~~UW-Oshkosh~~ Wisconsin-Oshkosh, effective September 1, 1989, at an annual salary of \$78,500. 9/1/89, R 5292

Chancellor

UW-Oshkosh - Staff - (same)

The following resolution was approved in closed session of the Board of Regents on April 7, 1989, and was not reported until this time, pending campus receipt of acceptance from the nominee:

Ward, David J. - (same)

Resolution 5293: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Madison be authorized to offer a salary in the range of C\$75,000 to C\$95,000 for a Professor in the School of Business (Real Estate and Urban Land Economics area), UW-Madison,

Executive Pay Plan - Oshkosh

R 5293

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The meeting was adjourned at 11:55 a.m.

Judith A. Temby  
Secretary

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MADISON

## EXTENSION AND PUBLIC SERVICE

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND  
MSN EDUC PHYS ED & DANCE BIODYN LAB (133-K748) 2,433.93
2. WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION  
MADISON, WI  
SUPPORT OF WISCONSIN HIGH SCHOOL FORENSIC  
ASSOCIATION FOR THE PERIOD 07-01-89  
THRU 06-30-90  
MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU (133-P437) 93,242.00
3. SUPPORT WEED CONTROL RESEARCH PROGRAM  
MSN AG&LSC AGRONOMY (133-7714)  
  
1,000.00 DOW CHEMICAL U.S.A.  
MADISON, WI  
1,500.00 RHONE-POULENC  
RESEARCH TRIANGLE PARK, NC  
  
2,500.00

## GIFT-IN-KIND

1. LINDA JAY BRANDT  
SUNNY VALE, CA  
VARIOUS RADIO AND TELEVISION SCRIPTS FROM THE  
40S-60S WRITTEN BY EITHER VERNE OR HELEN JAY  
MSN L&S COMMUN ARTS FLM&THEA R
2. BEST POWER TECHNOLOGY, INC.  
NECEDAH, WI  
BEST MD2KVA POWER SUPPLY  
MSN L&S PHYSICS
3. OHMEDA  
MADISON, WI  
MISCELLANEOUS COMPUTER PARTS  
MSN ENGR ELEC & COM ENGR ELEC&COMP
4. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
F. BRACQUEMOND, "LE HAUT D'UN BATTANT DE PORTE"  
MSN L&S ELVJM MUSEUM ART
5. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
S. ANDREWS, "HAYSEL"  
MSN L&S ELVJM MUSEUM ART
6. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
E. DELACROIX, "UN FORGERON"  
MSN L&S ELVJM MUSEUM ART

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

7. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
JAN MULLER, "THE COMBAT BETWEEN ODYSSEUS AND IRIS"  
MSN L&S ELVJM MUSEUM ART
8. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ANONYMOUS, AFTER A. BLOEMAERT, "BACCHUS, VENUS AND CERES"  
MSN L&S ELVJM MUSEUM ART
9. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
WAYNE TAYLOR, "ODILON"  
MSN L&S ELVJM MUSEUM ART
10. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
WAYNE TAYLOR, "COXCMB 2"  
MSN L&S ELVJM MUSEUM ART
11. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
H. SONOYAMA, "D'ENCRES-K"  
MSN L&S ELVJM MUSEUM ART
12. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
K. YAGAMI, "WORKS 44-E"  
MSN L&S ELVJM MUSEUM ART
13. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
S. MATSUMURA, "GLOBAL TOWN"  
MSN L&S ELVJM MUSEUM ART
14. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
S. KURODA, "WINTER WIND"  
MSN L&S ELVJM MUSEUM ART
15. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
S. KURODA, "FLASH SPLASH"  
MSN L&S ELVJM MUSEUM ART
16. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
K. KOBAYASHI, "IMMOVABLE MOMENT"  
MSN L&S ELVJM MUSEUM ART
17. TANDEM PRESS  
MADISON, WI  
ALAN SHIELDS, "MARCUS" FROM DRAGONFLY CHIPS SERIES  
SERIES  
MSN L&S ELVJM MUSEUM ART

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

18. MRS. E. C. WATSON  
SANTA BARBARA, CA  
11 INDIAN MINIATURE PAINTINGS  
MSN L&S ELVJM MUSEUM ART
19. WISCONSIN CENTER FOR FILM AND THEATER RESEARCH  
MADISON, WI  
UNKNOWN ARTIST, "UNIDENTIFIED PORTRAIT OF A MAN"  
MSN L&S ELVJM MUSEUM ART
20. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CRAIG MC PHERSON, "REAR WINDOW"  
MSN L&S ELVJM MUSEUM ART
21. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
NINE AFRICAN CARVINGS  
MSN L&S ELVJM MUSEUM ART
22. TANDEM PRESS  
MADISON, WI  
ROBERT JANZ, "PASSOVER ROSE"  
MSN L&S ELVJM MUSEUM ART
23. TANDEM PRESS  
MADISON, WI  
ALAN SHIELDS, "EDNA" FROM DRAGONFLY CHIPS SERIES  
MSN L&S ELVJM MUSEUM ART
24. TANDEM PRESS  
MADISON, WI  
LYNDA BENGLIS, "OSCAR SKILO"  
MSN L&S ELVJM MUSEUM ART
25. TANDEM PRESS  
MADISON, WI  
MARJORY PORTNOW, "LITTLE VERONA, WISCONSIN"  
MSN L&S ELVJM MUSEUM ART
26. TANDEM PRESS  
MADISON, WI  
RAFAEL FERRER, "ORIENTE TROPICAL"  
MSN L&S ELVJM MUSEUM ART
27. TANDEM PRESS  
MADISON, WI  
RAFAEL FERRER, "AMANECER SOBRE EL CABO"  
MSN L&S ELVJM MUSEUM ART
28. TANDEM PRESS  
MADISON, WI  
RAFAEL FERRER, "AUTORETRATO"  
MSN L&S ELVJM MUSEUM ART



GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

29. TANDEM PRESS  
MADISON, WI  
SAM RICHARDSON, "THROUGH THE GREENED INTO"  
MSN L&S ELVJM MUSEUM ART
30. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
JOSE MARIA SICILIA, "FLEUR ROUGE VIII"  
MSN L&S ELVJM MUSEUM ART
31. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ROBERT CUMMING, "ADIRONDACK CHAIR"  
MSN L&S ELVJM MUSEUM ART
32. TANDEM PRESS  
MADISON, WI  
ALAN SHIELDS, "SYLVIA" FROM DRAGONFLY CHIPS SERIES  
MSN L&S ELVJM MUSEUM ART
33. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CHRISTIAN WILHELM ERNST DIETRICH, "DIE  
BANKELSANGER"  
MSN L&S ELVJM MUSEUM ART
34. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ENZO CUCCHI, "SPARIRE I"  
MSN L&S ELVJM MUSEUM ART
35. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
HEINRICH ALDEGREVER, "ORNAMENT WITH VASE AND MASK"  
MSN L&S ELVJM MUSEUM ART
36. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ANTONIO MARIA ZANETTI, "THE INTERIOR OF A TEMPLE  
WITH PAGANS WORSHIPPING A STATUE OF JUPITER"  
MSN L&S ELVJM MUSEUM ART
37. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
WALLERANT VAILLANT, "BOY SEATED DRAWING IN A  
STUDIO"  
MSN L&S ELVJM MUSEUM ART
38. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
JOSEPH BEUYS, "L'ARTE E UNA ZANZARA"  
MSN L&S ELVJM MUSEUM ART
39. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ROBERT CUMMING, "SMALL CONSTELLATION I"  
MSN L&S ELVJM MUSEUM ART

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

40. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
JAN VAN DE VELDE, "THE DANCE OF THE MARDI GRAS"  
MSN L&S ELVJM MUSEUM ART
41. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
GERARD TITUS-CARMEL, "THE POCKET-SIZE TLINGIT  
COFFIN I"  
MSN L&S ELVJM MUSEUM ART
42. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
YURI KUPER, "BOITE DE CONSERVE ET PINCEAU"  
MSN L&S ELVJM MUSEUM ART

INSTRUCTION

1. FIRST WISCONSIN-MADISON  
MADISON, WI  
WALKER, EDNA B. ESTATE  
PRINCIPAL AND INCOME FOR THE USE OF THE SPEECH  
AND HEARING CLINIC.  
WALKER, ENNA B. MEMORIAL FUND  
MSN L&S COMMUN DISORDERS SP&HRNG CL ( TRUST ) 15,000.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
DOCTORAL LEADERSHIP TRAINING IN THE EVALUATION  
AND MANAGEMENT OF THE HEARING IMPAIRED  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # HO29D80035-89  
MSN L&S COMMUN DISORDERS (144-AZ27) 87,012.00
3. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) NURSE PRACTITIONERS TRAINING FOR PRIMARY  
CARE OF THE CHRONICALLY ILL  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # 2 D24 NU00277-04  
MSN HS-NUR (144-AZ22) 178,450.00
- 2) FACULTY DEVELOPMENT IN GENERAL INTERNAL MEDICINE  
AND/OR GENERAL PEDIATRICS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # 5 D28 PE55024-02  
MSN HS-MED MEDICINE GEN INT MD (144-AZ28) 161,602.00
- 3) TRAINEESHIPS FOR STUDENTS IN GRADUATE HEALTH  
ADMINISTRATION  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # 1 A19 AH00340-01  
MSN HS-MED PREVENTIVE MED (144-BA99) 5,252.00

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4)	TRAINING IN GTM AND/OR GP FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 D28 PE15218-11 MSN HS-MED MEDICINE	GEN INT MD (144-BB10)	159,979.00
5)	PROFESSIONAL NURSE TRAINEESHIP PROGRAM FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 2 A11 NU00275-14 MSN HS-NUR	(144-BB28)	74,259.00
4.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:		
1)	TRAINING IN BIOCHEMISTRY OF REPRODUCTION FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 HDO7259-07 MSN AG&LSC BIOCHEMISTRY	(144-AZ17)	69,774.00
2)	POSTDOCTORAL TRAINING PROGRAM IN MEDICAL GENETICS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 GMO7131-13 MSN HS-MED GENETICS	(144-AZ18)	139,158.00
3)	PREDOCTORAL TRAINING PROGRAM IN GENETICS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 GMO7133-15 MSN AG&LSC GENETICS	(144-AZ21)	387,580.00
4)	PHYSICIAN SCIENTIST TRAINING IN CANCER MEDICINE FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 T32 CA09614-02 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(144-AZ23)	151,089.00
5)	NEUROSCIENCES TRAINING PROGRAM FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 GMO7507-12 MSN GRAD MOLECULAR BIOL NEUROSCI'S	(144-AZ25)	142,664.00
6)	POSTDOCTORAL TRAINING IN TUMOR BIOLOGY FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 T32 CA09230-14 MSN HS-MED ONCOLOGY	(144-AZ45)	19,543.00
7)	ENVIRONMENTAL TOXICOLOGY (PREDOCTORAL AND POSTDOCTORAL) FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 ES07015-13 MSN AG&LSC N RSRC-ENVIR TOX	(144-AZ89)	280,771.00
8)	DEMOGRAPHY AND ECOLOGY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 HDO7014-15 MSN L&S SOCIOLOGY	(144-BA01)	167,657.00

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9)	PULMONARY PHYSIOLOGY AND PATHOPHYSIOLOGY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 HLO7654-03 MSN HS-MED PREVENTIVE MED	(144-BA32)	133,523.00
10)	GRADUATE TRAINING IN CELLULAR AND MOLECULAR BIOLOGY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 GMO7215-15 MSN GRAD INST MOL VIR INST MOL V	(144-BA42)	975,703.00
11)	TRAINING PROGRAM IN DEVELOPMENTAL BIOLOGY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 T32 HDO7118-12 MSN GRAD L&S ZOOLOGY	(144-BA98)	158,006.00
12)	PREDOCTORAL TRAINING IN MOLECULAR BIOPHYSICS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 1 T32 GMO8293-01 MSN GRAD INST MOL VIR INST MOL V	(144-BB20)	87,000.00
13)	TRAINING IN GAMETE AND EMBRYO BIOLOGY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 1 T32 HDO7342-01A1 MSN GRAD ENDOCRINOLOGY	(144-BB32)	45,676.00
5.	SCHERING CORPORATION KENILWORTH, NJ INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER MSN HS-MED MEDICINE GASTROENT	(133-C433)	4,443.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDUCATIONAL ADMINISTRATION FOUNDATION MSN EDUC EDUC ADMIN	(133-P344)	300.00
7.	MINNESOTA MINING AND MANUFACTURING FOUNDATION, INC ST. PAUL, MN SUPPORT FOR AITIP PROGRAM MSN ENGR PRE-ENGINEERING	(133-P353)	3,000.00
8.	MASTER BREWERS ASSOCIATION MADISON, WI SHORT COURSE IN BREWING AND MALTING SCIENCE MSN AG&LSC FOOD SCIENCE	(133-8831)	2,450.00

## LIBRARIES

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUMNER MEMORIAL LIBRARY FUND MSN AG&LSC AG JOURNALISM	(133-D145)	600.00
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2.	MULTIPLE DONORS PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ (133-F543)	62.00
3.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC TURKISH LIBRARY PROCUREMENT GRANT MSN G E A INTL STU & PROGS (133-J619)	500.00
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF MATERIALS IN THE HISTORY OF BOOKS AND PRINTING AND THE HISTORY OF SCIENCE MSN LIBR GEN OPERATIONS (133-L236)	1,400.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF MATERIALS FOR LIBRARY COLLECTIONS MSN LIBR GEN OPERATIONS SUPP & EQ (133-M983)	565.00
6.	MUTUAL SERVICE FUND ARDEN HILLS, MN BOOK PURCHASE FOR U.C.C. LIBRARY FOR THE PERIOD 11-01-88 THRU 12-31-89 MSN AG&LSC COOPTVS, U CTR (133-N555)	68.48
7.	MULTIPLE DONORS FRIENDS OF THE MEDICAL LIBRARY FUND MSN HS-ADM LIBRARY (133-5690)	250.00

## MISCELLANEOUS

1.	MULTIPLE DONORS ROBERTS, FANNIE ATWOOD--AGRICULTURE MSN AG&LSC ADMIN-DEAN & DIR ( TRUST )	2,314.11
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF BACTERIOLOGY--DISCRETIONARY FUND MSN AG&LSC BACTERIOLOGY ( TRUST )	300.00
3.	MULTIPLE DONORS PAUL, LESTER W.--VISITING PROFESSORSHIP IN RADIOLOGY MSN HS-MED RADIOLOGY ( TRUST )	25.00
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EASUM, CHESTER V.--MEMORIAL MAP FUND MSN L&S HISTORY ( TRUST )	25.00
5.	EDUCATION, DEPT OF WASHINGTON, DC MINORITY PARTICIPATION IN GRADUATE EDUCATION FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # P202A90036 MSN GRAD (144-BA94)	43,380.00

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6.	WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED POLICY RESEARCH AND DEVELOPMENT FOR THE PERIOD 01-13-89 THROUGH 06-30-89 AWARD # P.O. #PAI 03041 MSN EDUC EDUC ADMIN	(144-BA46)	26,000.00
7.	BATTELLE RESEARCH TRIANGLE PARK, NC PRIME CONTRACTOR WITH DOD ARMY SCIENTIFIC SERVICES PROGRAM TASK NO. 89-404: WORKSHOP ON HYDROCARBON PLASMA DIAGNOSTICS FOR THE PERIOD 05-08-89 THROUGH 11-07-89 AWARD # DAAL03-86-D-0001 MSN L&S PHYSICS	(144-BA50)	17,524.00
8.	NASA, AMES RESEARCH CENTER MOFFETT FIELD, CA OPERATION AND MAINTENANCE OF A SQUIRREL MONKEY COLONY TO BREED NASA FLIGHT QUALITY MALE SQUIRREL MONKEYS FOR THE PERIOD 12-13-88 THROUGH 09-30-89 AWARD # NAS2-12939 MSN L&S PSYCHOLOGY PRIMATE LB	(144-AT26)	180,200.00
9.	STATE, DEPT OF WASHINGTON, DC ETHNIC-BASED MASS POLITICAL ACTION IN THE USSR FOR THE PERIOD 06-01-89 THROUGH 08-31-90 AWARD # CONTRACT 804-14 MSN L&S POLITICAL SCI	(144-BA15)	50,000.00
10.	MULTIPLE DONORS DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC SERVICES MSN ARBOR ARBORETUM	(133-A056)	793.28
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-A117)	10,000.00
12.	UNIVERSITY PHYSICIANS IN PATHOLOGY MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-A524)	22,380.00
13.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	20,000.00
14.	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)	2,935.32

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15.	MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR (133-B430)		
	4,000.00 3M GENERAL OFFICES ST. PAUL, MN		
	500.00 MULTIPLE DONORS		
	1,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			6,000.00
16.	TURKEY (GOVERNMENT OF) DEFRAY COST OF PUBLICATION OF JOURNAL OF TURKISH STUDIES MSN G E A INTL STU & PROGS (133-C029)		3,000.00
17.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796)		9,400.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINING ENGINEERING UNRESTRICTED GRANT MSN ENGR MAT SCI & ENGR (133-C917)		2,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL (133-D057)		22,370.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL AID IN GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS (133-D295)		5,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR GENERAL ENGR (133-E547)		800.00
22.	ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)		
	2,074.68 UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI		
	2,074.68 C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI		
			4,149.36
23.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-E649)		5,000.00

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24.	DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S      GEOL & GEOPHYSCS	(133-E941)	
	1,000.00      LEVINE-FRICKE EMERYVILLE, CA		
	50.00      MULTIPLE DONORS		
	253.40      MULTIPLE DONORS		
			1,303.40
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNATIONAL PROGRAMS HEWLETT FUNDS MSN G E A INTL STU & PROGS	(133-F809)	5,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ART DISCRETIONARY FUND MSN EDUC    ART	(133-G015)	2,000.00
27.	U.W. FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S      ELVJM MUSEUM ART	(133-G348)	15,000.00
28.	NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING, INC. NOTRE DAME, IN 1988-9 GEM FELLOWSHIP PROGRAM MSN GRAD	(133-G513)	3,250.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S      POLITICAL SCI	(133-G572)	100.00
30.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S      BOTANY	(133-G608)	468.50
31.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE	(133-G652)	6,998.74
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT MSN L&S      CHEMISTRY	(133-G681)	13,300.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHINESE LITERATURE, ESSAYS, ARTICLES AND REVIEWS MSN L&S      E ASIAN LANG&LIT	(133-G949)	817.73



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34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G952)	6,400.00
35.	MULTIPLE DONORS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC NR-LANDSCAP ARCH (133-G984)	820.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S MATHEMATICS (133-G999)	5,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALUMNI CENSUS MSN AC SVC OFF OF REGISTRAR ADMIN (133-H968)	30,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALBRIGHT PROFESSORSHIP IN BUSINESS AND FINANCE MSN BUS SCH OF BUSINESS (133-J185)	27,818.40
39.	DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS (133-J188)	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	1,450.00 MARKETING SCIENCE INSTITUTE CAMBRIDGE, MA	
		1,950.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - REAL ESTATE MSN BUS SCH OF BUSINESS (133-J190)	18,638.62
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS (133-J620)	5,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)	400.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PUBLIC EDUCATION PROGRAM SUPPORT MSN ARBOR ARBORETUM (133-J690)	1,482.81

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44.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY (133-J716)	3,550.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLINICAL GENETICS PROGRAM DISCRETIONARY FUND MSN HS-MED GENET CLIN PROG (133-J734)	1,500.00
46.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,000.00
47.	CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS (133-J859)	
	500.00 MULTIPLE DONORS 2,000.00 UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI	2,500.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM GIFT SUPPORT FUND MSN ARBOR ARBORETUM (133-K175)	4,000.00
49.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201)	500.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR GENERAL OPERATIONS-ATHLETICS MSN ATH (133-K302)	6,438.02
51.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	1,572.87
52.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE GEN INT MD (133-K814)	250.00
53.	MULTIPLE DONORS WISCONSIN STUDENT PLANNING ASSOCIATION - LIBRARY FUND MSN L&S URBAN & REG PLAN (133-K866)	35.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS (133-L104)	2,000.00

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55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONFERENCE ROOM AND DEPARTMENT LOUNGE EQUIPMENT AND FURNISHINGS MSN L&S PSYCHOLOGY	(133-L399)	1,700.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAP LIBRARY EQUIPMENT/SUPPLIES MSN L&S GEOGRAPHY MAP LIBR	(133-L401)	400.00
57.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	38,674.88
58.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IO PIONEER PLANT BREEDING SPEAKERS FUND MSN AG&LSC AGRONOMY	(133-L544)	2,000.00
59.	RIBI IMMUNOCHEM RESEARCH INC. HAMILTON, MT AGING RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-L572)	3,446.00
60.	MULTIPLE DONORS BEN LAWTON AWARD FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-L754)	500.00
61.	MULTIPLE DONORS FLORICULTURE RESEARCH MSN AG&LSC HORTICULTURE	(133-L839)	240.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HONORAIUM FUND MSN L&S SOCIOLOGY	(133-L953)	200.00
63.	WISCONSIN RURAL DEVELOPMENT CENTER, INC. BLACK EARTH, WI RESEARCHING WAYS TO MEASURE THE SOCIAL AND ECONOMIC IMPACTS OF THE EMERGING BIOTECHNOLOGIES MSN AG&LSC RURAL SOCIOLOGY	(133-M085)	56.23
64.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	3,688.47
65.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	6,850.00

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66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	200,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-M562)	400,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED	(133-M563)	20,000.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-M564)	15,000.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	125,000.00
71.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	2,205.15
72.	MULTIPLE DONORS SUPPORT FOR GERIATRIC TRAINING MSN HS-MED MEDICINE                      GEN INT MD	(133-N505)	1,250.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-N665)	1,000,000.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-N666)	1,000,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED	(133-N667)	30,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-N668)	45,000.00

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77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-N669)	100,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-N670)	30,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S EDUCATIONAL IMPROVEMENT GRANT MSN HS-MED	(133-N671)	50,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL RESEARCH MODULE MSN HS-MED	(133-N672)	50,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRITISH-IRISH STUDIES ACCOUNT MSN L&S HISTORY	(133-P231)	515.00
82.	AMERICAN SOCIETY FOR ENGINEERING EDUCATION WASHINGTON, DC DEPARTMENTAL FELLOWSHIP ALLOWANCE MSN ENGR ENGR EXPR STA MATERLS SC	(133-P261)	2,000.00
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE FELLOWSHIPS AND PRIZES ACCOUNT MSN L&S HISTORY	(133-P272)	100.00
84.	MULTIPLE DONORS NATHAN S. BLOUNT MEMORIAL AWARD MSN EDUC INSTR MATER CTR	(133-P276)	1,600.00
85.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL SUMMER RESEARCH OPPORTUNITIES PROGRAM FOR MINORITY STUDENTS MSN GRAD	(133-P289)	16,500.00
86.	JAI PRESS, INC. GREENWICH, CT REIMBURSE EXPENSES FOR EDITORIAL OFFICE MSN HS-MED PHYSIOLOGY	(133-P308)	500.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MERLE CURTI LECTURE DISBURSEMENT FUND MSN L&S HISTORY	(133-P346)	1,000.00

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88.	AMERICAN SOCIETY FOR MICROBIOLOGY WASHINGTON, DC 1989 SUMMER RESEARCH FELLOWSHIP PROGRAM SPONSORED BY THE MSSCSP MSN GRAD	(133-P356)	683.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN C STEDMAN FUND MSN LAW LAW SCHOOL	(133-P369)	13,000.00
90.	UWF MADISON, WI EVJUE FOUNDATION SUPPORT FOR ACADEMIC YEAR ABROAD SCHOLARSHIPS MSN G E A INTL STU & PROGS	(133-P373)	10,000.00
91.	MULTIPLE DONORS CENTER FOR COMPARATIVE AND INTERNATIONAL LABOR STUDIES MSN L&S IND REL RES INST	(133-P395)	3,320.00
92.	OCONTO (COUNTY OF) OCONTO, WI TEEN ASSESSMENT PROJECT MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-P408)	1,400.00
93.	CARNEGIE COUNCIL ON ADOLESCENT DEVELOPMENT WASHINGTON, DC CARNEGIE ADOLESCENT PROJECT MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-P409)	4,000.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARVEY GOLDBERG CENTER DISBURSEMENT FUND MSN L&S HISTORY	(133-P419)	8,500.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INSTITUTE FOR LEGAL STUDIES MSN LAW LAW SCHOOL	(133-P438)	13,000.00
96.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-O179)	
	9,581.06 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	2,000.00 KING, MARVIN S. MINNEAPOLIS, MN		
			11,581.06
97.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-2128)	800.00

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## MISCELLANEOUS

98.	MULTIPLE DONORS SUPPORT MEDICAL SCHOOL PROGRAMS MSN HS-MED	(133-2345)	100.00
99.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	1,355.00
100.	C.D.O. UNIVERSITY PHYSICIANS IN PATHOLOGY MADISON, WI DEPARTMENT OF PATHOLOGY CHAIRMAN'S UNRESTRICTED FUND MSN HS-MED PATHOL & LAB MED	(133-6647)	33,582.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED USE OF THE DEPARTMENT OF ZOOLOGY IN CONNECTION WITH TEACHING AND RESEARCH IN BIOLOGY MSN L&S ZOOLOGY	(133-6997)	4,200.00
102.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN GRANT-IN-AID TO SUPPORT DEPARTMENT OF CHEMICAL ENGINEERING PROGRAMS MSN ENGR CHEMICAL ENGR	(133-7364)	7,000.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH	(133-7849)	2,690.00
104.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM	(133-7854)	125.00
105.	BIOCHEMISTRY DEPARTMENT SYMPOSIUM AND SEMINAR FUND MSN AG&LSC BIOCHEMISTRY	(133-9330)	
	162.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,500.00 DUPHAR B.V. DA WEESP, THE NETHERLANDS		
			1,662.00

## PHYSICAL PLANT

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

2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
UNIVERSITY OF WISCONSIN GOLF COURSE PLANNING  
MSN G SERV PLANNING & CONST PLAN&CONST (133-K552) 14,000.00

## RESEARCH

1. SIBIA  
SAN DIEGO, CA  
MATERIAL TRANSFER AGREEMENT  
MSN AG&LSC FOOD MICRO&TOXIC
2. DIGITAL EQUIPMENT CORPORATION  
MAYNARD, MA  
COMMON INTERFACE FOR NETWORK MANAGEMENT  
APPLICATIONS  
AWARD # AGREEMENT #764  
MSN L&S COMPUTER SCI
3. UPJOHN COMPANY  
KALAMAZOO, MI  
BIOLOGICAL MATERIALS TRANSFER AGREEMENT  
MSN AG&LSC VETERINARY SCI
4. ST. JUDE CHILDREN'S RESEARCH HOSPITAL  
MEMPHIS, TN  
MATERIAL TRANSFER AGREEMENT  
MSN VET M PATHOBIOLOGCL SCI
5. MADISON (CITY OF)  
FIRE DEPARTMENT  
MADISON, WI  
PARAMEDIC SERVICES TO MADISON FIRE DEPARTMENT  
FOR THE PERIOD 01-01-89 THRU 12-31-89  
MSN HS-HSP EMERGENCY SVCS EMRG MD SV
6. COSTA RICA (NATIONAL UNIVERSITY OF)  
HEREDIA, COSTA RICA  
AGREEMENT OF COOPERATION  
MSN AG&LSC INTL AG PRGS-ADM
7. E.I. DUPONT DE NEMOURS & COMPANY  
GLENOLDEN, PA  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY
8. EARNINGS ON MISC. INVESTMENTS  
PHANEUF, DUANE--MEDICAL RESEARCH  
MSN HS-MED ( TRUST ) 355.48
9. APPLIED BIOTECHNOLOGY, INC  
CAMBRIDGE, MA  
TUBERCULOSIS RESEARCH FUND  
MSN HS-MED MED MICROBIOLOGY ( TRUST ) 600.00



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10.	KRAUT CABBAGE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY	( TRUST )	
	950.00 AMERICAN TAKII, INC		\$ 250.00
	SALINAS, CA		
	HARRIS MORAN SEED COMPANY		450.00
	HAYWARD, CA		
	SAKATA SEED AMERICA, INC		250.00
	MORGAN HILL, CA		
	900.00 SHAMROCK SEED COMPANY, INC		\$ 200.00
	SALINAS, CA		
	SEEDWAY, INC		700.00
	HALL, NY		
	550.00 AMSTERDAM-ROTTERDAM BANK N.V.		
	NEW YORK, NY		
			2,400.00
11.	MAAG AGROCHEMICALS, INC	\$ 1500.00	
	VERO BEACH, FL		
	RHONE-POULENC	6300.00	
	RESEARCH TRIANGLE PARK, NC		
	PLANT DISEASE RESEARCH FUND		
	MSN AG&LSC PLANT PATHOLOGY	( TRUST )	7,800.00
12.	MULROONEY, ROSEMARY		
	VERONA, WI		
	NEUROLOGY DEPARTMENT--RESEARCH FUND		
	MSN HS-MED NEUROLOGY	( TRUST )	100.00
13.	STANG, MELVIN TRUSTEE / SLAMA, LAUREL R. ESTATE		
	GLENWOOD CITY, CA		
	INCOME AVAILABLE TO SUPPORT RESEARCH IN THE AREA		
	OF DOWNS SYNDROME, AND DISORDERS OF THE ENDOCRINE		
	PITUITARY, THYROID AND ADRENAL GLANDS.		
	SLAMA, GWYN MEMORIAL FUND--DOWNS SYNDROME		
	RESEARCH		
	MSN HS-MED NEUROLOGY	( TRUST )	1,900.00
14.	MULTIPLE DONORS		
	MCARDLE LABORATORY FOR CANCER RESEARCH--		
	DISCRETIONARY FUND		
	MSN HS-MED ONCOLOGY	( TRUST )	177.44
15.	MULTIPLE DONORS		
	WISCONSIN CLINICAL CANCER CENTER--RESEARCH		
	MSN HS-MED HUMAN ONCOLOGY	( TRUST )	135.00
16.	FIRST WISCONSIN-MADISON		
	MADISON, WI		
	WALKER, EDNA B. ESTATE		
	SHERWOOD, VERA M.--ARTHRITIS RESEARCH		
	MSN HS-MED	( TRUST )	5,000.00
17.	AGRICULTURE, DEPT OF		
	COLUMBUS, OH		
	DETERMINING THE OPTIMAL INSECTICIDE APPLICATION		
	TIME AND LOCATION BASED ON THE BEHAVIOR OF AN		
	INSECT		
	FOR THE PERIOD 02-14-89 THROUGH 03-31-90		
	AWARD # NCRPIAP PROJ.#475		
	MSN AG&LSC SOIL SCIENCE	(144-BA17)	20,000.00

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18. FOREST PRODUCTS LABORATORY  
MADISON, WI  
PRIME CONTRACTOR WITH AGRIC  
AUTOMOTIVE TRIM PROJECT  
FOR THE PERIOD 06-02-89 THROUGH 05-31-90  
AWARD # FP-89-1212  
MSN AG&LSC N RSRCS-FORESTRY (144-BA90) 10,000.00
19. AGRIC, COOPERATIVE STATE RESEARCH SERVICE  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) THE ORGANIZATION, REGULATION AND PERFORMANCE OF  
THE U.S. FOOD SYSTEM  
FOR THE PERIOD 09-01-89 THROUGH 08-31-92  
AWARD # 89-34101-4324  
MSN AG&LSC AG ECONOMICS (144-BA48) 140,304.00
- 2) THE ROLE OF HOST ENDOCRINE FACTORS IN THE  
DEVELOPMENT OF POLYEMBRYONIC PARASITIDS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # 89-37263-4426  
MSN AG&LSC ENTOMOLOGY (144-BB48) 60,000.00
20. AGRIC, FOREST SERVICE  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
- 1) DETERMINANTS OF CAPACITY CHANGES IN THE PULP  
AND PAPER INDUSTRY  
FOR THE PERIOD 06-09-89 THROUGH 09-30-89  
AWARD # FP-89-1215  
MSN AG&LSC N RSRCS-FORESTRY (144-BB46) 5,286.00
- 2) SPECIFICATION FOR GRAIN ANGLE DEMONSTRATION  
SOFTWARE  
FOR THE PERIOD 06-15-89 THROUGH 12-31-89  
AWARD # FP-89-1206  
MSN ENGR CIVIL & ENV ENGR (144-BB51) 3,000.00
21. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH AID  
WOMEN IN DEVELOPMENT TECHNICAL ASSISTANCE PROGRAM  
FOR THE PERIOD 09-01-88 THROUGH 06-30-89  
AT A TOTAL COST OF \$20,059.00  
AWARD # AGR DTD 10-18-88, MOD. 2  
MSN AG&LSC INTL AG PRGS-ADM (144-AQ03) 780.00
22. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
KANSAS CITY, MO  
VAS DATA UTILIZATION CENTER (VDUC)  
INTERACTIVE PROCESSING SYSTEM  
FOR THE PERIOD 09-30-88 THROUGH 12-31-92  
AT A TOTAL COST OF \$3,973,808.02  
AWARD # 50-WCNE-8-6059, MOD. 2  
MSN GRAD SPACE SCI&ENG CT (144-AQ90) 891,657.02

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23. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
SCHOOL BASED FAMILY OUTREACH TO INCREASE PARENT  
INVOLVEMENT IN VOCATIONAL EDUCATION PROGRAMS FOR  
SPECIAL NEEDS STUDENTS  
FOR THE PERIOD 07-01-88 THROUGH 05-31-89  
AT A TOTAL COST OF \$30,115.00  
AWARD # PO #PAI 00174, MOD. 1  
MSN EDUC REHAB PSYC&SP ED (144-AL07) 1,750.00
24. MARSHFIELD MEDICAL RESEARCH FOUNDATION  
MARSHFIELD, WI  
PRIME CONTRACTOR WITH DHHS  
CHANGES IN ACCESS TO HEALTH SERVICES FOR MIGRANT  
AGRICULTURAL WORKERS AND THEIR FAMILIES  
FOR THE PERIOD 06-01-89 THROUGH 12-31-89  
AWARD # AGR DTD 5-22-89  
MSN AG&LSC RURAL SOCIOLOGY (144-BA52) 17,020.00
25. WI DEPT OF HEALTH & HUMAN SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS OHDS  
UNIVERSITY AFFILIATED PROGRAM - ADMINISTRATION  
AND OPERATION  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # P.O. #FDIE 4635  
MSN GRAD WAISMAN CENTER (144-AZ62) 249,897.00
26. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
SELF-REPORT DELINQUENCY: A LONGITUDINAL STUDY  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # 1 RO1 MH45070-01  
MSN L&S PSYCHOLOGY (144-BA85) 120,155.00
27. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
ADVANCED EDUCATION IN COMMUNITY HEALTH NURSING  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # 1 D23 NU00822-01  
MSN HS-NUR (144-BA38) 157,892.00
28. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) GENETIC CONTROL OF PROTEIN STRUCTURE AND SYNTHESIS  
FOR THE PERIOD 01-01-88 THROUGH 08-31-88  
AT A TOTAL COST OF \$238,628.00  
AWARD # 2 RO1 GM20069-16, MOD. 3  
MSN HS-MED GENETICS (144-AC93) 43,461.00
- 2) HYPOTHALAMIC CONTROL OF PUBERTY  
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION  
IN THE AMOUNT OF INDIRECT COSTS PROVIDED)  
FOR THE PERIOD 04-01-89 THROUGH 03-31-90  
AT A TOTAL COST OF \$135,021.00  
AWARD # 5 RO1 HD11355-11, MOD. 1  
MSN L&S PRIMATE RES CTR (144-AX82) 1,035.00-

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- |  |             |            |
|--|-------------|------------|
| 3) GENETIC ANALYSIS OF DROSOPHILA ABELSON TYROSINE KINASE<br>FOR THE PERIOD 06-01-89 THROUGH 04-30-90<br>AWARD # 1 R01 CA49582-01<br>MSN HS-MED ONCOLOGY   | ( 144-AX86) | 152,988.00 |
| 4) SHARED INSTRUMENTATION GRANT:<br>DEC VAX MODEL 8530 TO UPGRADE<br>UWCCC COMPUTER SYSTEM<br>FOR THE PERIOD 06-14-89 THROUGH 06-13-90<br>AWARD # 1 S10 RRO4661-01<br>MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM | ( 144-AY46) | 342,000.00 |
| 5) IMMUNOGENETICS OF TRICHINELLA SPIRALIS<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # 5 R01 AI24355-04<br>MSN VET M PATHOBIOLGCL SCI  | ( 144-AY74) | 165,157.00 |
| 6) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS<br>(PROJECT 1)<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # 5 PO1 HL29586-07<br>MSN AG&LSC VETERINARY SCI                                      | ( 144-AZ06) | 121,808.00 |
| 7) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS<br>(PROJECT 2/CORE A)<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # 5 PO1 HL29586-07<br>MSN HS-MED PHYSIOLOG CHEM                               | ( 144-AZ07) | 223,461.00 |
| 8) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS<br>(PROJECT 3)<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # 5 PO1 HL29586-07<br>MSN HS-MED MEDICINE CARDIOLOGY                                 | ( 144-AZ08) | 141,737.00 |
| 9) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS<br>(PROJECT 4)<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # 5 PO1 HL29586-07<br>MSN AG&LSC BIOCHEMISTRY  | ( 144-AZ09) | 107,491.00 |
| 10) NIH EQUIPMENT GRANT: MULTI-CHANNEL SQUID<br>BIO GRADIOMETER<br>FOR THE PERIOD 05-22-89 THROUGH 05-21-90<br>AWARD # 1 S10 RRO4952-01<br>MSN HS-MED MEDICAL PHYSICS                                      | ( 144-AZ11) | 400,000.00 |
| 11) BIOSTATISTICAL METHODS FOR CANCER RESEARCH<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # 5 R29 CA45313-03<br>MSN HS-MED HUMAN ONCOLOGY  | ( 144-AZ19) | 57,530.00  |
| 12) STRUCTURE OF THE BETA-ADRENERGIC RECEPTOR-CYCLASE<br>SYSTEM<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # 5 R01 GM33138-15<br>MSN HS-MED PHARMACOLOGY   | ( 144-AZ29) | 180,601.00 |

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13)	BEHAVIOR OF P FACTORS MOVABLE ELEMENTS IN DROSOPHILA FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 GM30948-08 MSN HS-MED GENETICS	(144-AZ33)	225,973.00
14)	CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT 1/CORE) FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 PO1 CA23076-12 MSN HS-MED ONCOLOGY	(144-AZ36)	300,437.00
15)	CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT 2) FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 PO1 CA23076-12 MSN HS-MED ONCOLOGY	(144-AZ37)	189,658.00
16)	CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT 3) FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 PO1 CA23076-12 MSN HS-MED ONCOLOGY	(144-AZ38)	138,132.00
17)	CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT 5) FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 PO1 CA23076-12 MSN HS-MED ONCOLOGY	(144-AZ39)	104,995.00
18)	CELL CYCLE AND DIFFERENTIATION IN TUMOR BIOLOGY (PROJECT 6) FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 PO1 CA23076-12 MSN HS-MED ONCOLOGY	(144-AZ40)	206,095.00
19)	TRENDS IN SES ACHIEVEMENT ACROSS THE LIFE COURSE FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 RO1 AG07604-02 MSN L&S SOCIOLOGY	(144-AZ48)	177,753.00
20)	INSTABILITY OF TUMOR PROMOTION IN HEPATOCARCINOGENESIS FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 RO1 CA45700-03 MSN HS-MED ONCOLOGY	(144-AZ50)	168,012.00
21)	PHYSIOLOGICAL REGULATION OF BODY WEIGHT FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 DK19944-25 MSN L&S PSYCHOLOGY	(144-AZ58)	163,670.00
22)	ROLE OF SEROTONIN IN TRIGEMINAL AND SPINAL ANALGESIA FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS21278-05 MSN VET M CMPARTV BIOSCI'S	(144-AZ59)	58,430.00

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23)	NATIONAL BIOMEDICAL NMR RESOURCES AT MADISON FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 P41 RR02301-05 MSN AG&LSC BIOCHEMISTRY	(144-AZ71)	275,327.00
24)	ANALYSIS OF MYOGENIC GROWTH AND DIFFERENTIATION FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 R29 AR39467-02 MSN AG&LSC BIOCHEMISTRY	(144-AZ91)	77,995.00
25)	EFFECT OF ATRIAL NATRIURETIC HORMONE ON ALDOSTERONE FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 R29 DK38444-03 MSN HS-MED MEDICINE	ENDOCRINOL (144-BA16)	73,364.00
26)	ACCURATE IN VIVO ULTRASONIC SCATTERING ASSESSMENTS FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 RO1 CA39224-08 MSN HS-MED MEDICAL PHYSICS	(144-BA24)	114,705.00
27)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 1 F32 GM12953-01 MSN AG&LSC BIOCHEMISTRY	(144-BA28)	28,000.00
28)	ENZYMATIC N-METHYLATION OF CALMODULIN FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS24969-03 MSN HS-MED PEDIATRICS	(144-BA30)	117,958.00
29)	MECHANISM OF DC AND PULSED IONTOPHORESIS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 GM40410-02 MSN HS-PHR PHARMACY	(144-BA37)	69,461.00
30)	DEVELOPMENT OF EFFERENT NERVE FIBERS IN THE COCHLEA FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS26513-02 MSN HS-MED NEUROLOGY	(144-BA63)	166,550.00
31)	INDUCTION AND REGULATION OF ACROSOME REACTIONS FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 R29 HD22615-02 MSN AG&LSC MEAT& ANIMAL SCI	(144-BA64)	94,757.00
32)	EFFECT OF AGE ON SULFUR AMINO ACID METABOLISM FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 DK15227-17 MSN AG&LSC MEAT& ANIMAL SCI	(144-BA65)	112,951.00
33)	TACTILE SENSORS FOR THE INSENSATE HAND FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS26328-02 MSN ENGR ELEC & COM ENGR ELEC&COMP	(144-BA76)	118,232.00

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34)	SENSORY-MOTOR DYSFUNCTIONS RELATED TO FALLING FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 AG06445-04 MSN EDUC PHYS ED & DANCE PHYS EDUC (144-BA77)	122,247.00
35)	VIDEOSTROBOSCOPIC EXAMINATION OF THE LARYNX FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS24859-03 MSN GRAD WAISMAN CENTER (144-BA78)	122,660.00
36)	PHYSICIAN SCIENTIST AWARD: HYPERCHOLESTEROLEMIA AND MUTATIONS IN APOLIPOPROTEIN-B FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 K11 HLO2162-02 MSN HS-MED MEDICINE ENDOCRINOL (144-BA80)	64,422.00
37)	SMALL INSTRUMENTATION PROGRAM FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 1 S15 CA51317-01 MSN HS-MED ADMINISTRATION DEANS OFFC (144-BA82)	81,327.00
38)	PREDICATE ACQUISITION BY LANGUAGE DISORDERED CHILDREN FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS26517-03 MSN GRAD WAISMAN CENTER (144-BA84)	72,785.00
39)	PLATELET ACTIVATION AND POLYMER SURFACE THROMBOGENICITY FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 RO1 HL37351-03 MSN AG&LSC VETERINARY SCI (144-BA86)	97,030.00
40)	STUDIES IN DEVELOPMENTAL PHONOLOGICAL DISORDERS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS26246-02 MSN GRAD WAISMAN CENTER (144-BA87)	196,683.00
41)	CLINICAL INVESTIGATOR AWARD: BIOSYNTHESIS OF HUMAN LACTASE IN HEALTH AND DISEASE FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 KO8 DKO1789-03 MSN HS-MED MEDICINE GASTROENT (144-BA96)	62,748.00
42)	DETERMINATION OF THE COMPLETE SEQUENCE OF E. COLI FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 GM39598-2 MSN AG&LSC GENETICS (144-BB13)	422,578.00
43)	PARKINSONIAN DYSFUNCTIONS IN MOVEMENT ORGANIZATION FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS17421-06 MSN EDUC PHYS ED & DANCE PHYS EDUC (144-BB16)	137,564.00

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44)	TRANSMISSION AND CONTROL OF CALIFORNIA- GROUP VIRUSES FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 AIO7453-23 MSN AG&LSC ENTOMOLOGY	(144-BB21)	98,178.00
45)	MOLECULAR BIOLOGY OF PROCOLLAGEN TRANSPORT AND SECRETION FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 R29 GM38544-03 MSN HS-MED PATHOL & LAB MED ANAT PATH	(144-BB22)	92,309.00
46)	MONOCLONAL ANTIBODY ANALYSIS OF MACROPHAGE ACTIVATION FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 AI21274-06 MSN HS-MED MED MICROBIOLOGY	(144-BB29)	108,532.00
47)	NEUROTRANSMITTERS AND VENTILATORY CONTROL FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 HL31430-05 MSN HS-MED PREVENTIVE MED	(144-BB30)	125,835.00
48)	PROTEIN AND THROMBUS DEPOSITION ON VASCULAR GRAFTS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 HL21001-12 MSN ENGR CHEMICAL ENGR	(144-BB34)	146,073.00
49)	IN-VIVO EVALUATIONS OF SURFACE-INDUCED THROMBOGENESIS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 HL24046-10 MSN ENGR CHEMICAL ENGR	(144-BB35)	131,262.00
50)	SPEECH ANALYSIS PROGRAMS FOR MICROCOMPUTERS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 NS26226-02 MSN L&S COMMUN DISORDERS	(144-BB44)	19,902.00
51)	VISUAL INTEGRATION IN THE BRAIN FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 RO1 EYO1916-14 MSN L&S PSYCHOLOGY	(144-BB45)	162,723.00
52)	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD: STUDIES OF SENSORY-MOTONEURON CONTACTS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 5 KO4 NS01314-02 MSN HS-MED PHYSIOLOGY	(144-BB47)	53,568.00
29.	AMERICAN ASSOCIATION FOR CANCER RESEARCH PHILADELPHIA, PA PRIME CONTRACTOR WITH DHHS PHS NIH TRAVEL GRANT: MINORITY SCIENTIST FOR THE PERIOD 04-12-89 THROUGH 11-03-89 AWARD # CK# 00449 MSN HS-MED PATHOL & LAB MED ANAT PATH	(144-BA53)	350.00



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30. UNIVERSAL ENERGY SYSTEMS, INC  
DAYTON, OH  
PRIME CONTRACTOR WITH DOD AF  
LABORATORY GRADUATE FELLOWSHIP PROGRAM  
FOR THE PERIOD 08-29-88 THROUGH 08-11-89  
AT A TOTAL COST OF \$25,600.00  
AWARD # S-789-000-033, MOD. 2  
MSN ENGR MAT SCI & ENGR (144-AR08) 5,240.00
31. UNIVERSAL ENERGY SYSTEMS, INC  
DAYTON, OH  
PRIME CONTRACTOR WITH DOD AF  
LABORATORY GRADUATE FELLOWSHIP PROGRAM  
FOR THE PERIOD 06-19-89 THROUGH 05-30-92  
AWARD # SUBCONTRACT S-789-000-053  
MSN L&S COMPUTER SCI (144-BA08) 18,110.00
32. MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
LEXINGTON, MA  
PRIME CONTRACTOR WITH DOD AF  
TECHNIQUES FOR THE DETECTION OF MICROBURST WIND  
SHEAR EVENTS USING AIRPORT SURVEILLANCE RADARS  
FOR THE PERIOD 12-01-88 THROUGH 09-30-89  
AWARD # BX-1867  
MSN L&S METEOROLOGY (144-AS05) 13,500.00
33. MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
LEXINGTON, MA  
PRIME CONTRACTOR WITH DOD AF  
STUDIES OF TECHNIQUES FOR DETECTION OF  
THUNDERSTORM MICROBURST OUTFLOWS USING  
AIRPORT SURVEILLANCE RADARS  
FOR THE PERIOD 12-01-88 THROUGH 09-30-89  
AWARD # BX-1867  
MSN GRAD SPACE SCI&ENG CT (144-AT67) 217,644.00
34. MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
LEXINGTON, MA  
PRIME CONTRACTOR WITH DOD AF  
STUDIES OF TECHNIQUES FOR DETECTION OF  
THUNDERSTORM MICROBURST OUTFLOWS USING  
SURVEILLANCE RADARS  
FOR THE PERIOD 12-01-88 THROUGH 09-30-89  
AWARD # BX-1867  
MSN L&S METEOROLOGY (144-AT68) 32,352.00
35. DOD, NAVY  
ARLINGTON, VA  
MICROSTRUCTURAL MODELS OF INTERACTIONS THAT  
GOVERN PROTEIN CONFORMATION  
FOR THE PERIOD 07-01-89 THROUGH 12-31-89  
AWARD # NO0014-89-J-3001  
MSN ENGR CHEMICAL ENGR (144-BA73) 23,512.00
36. 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 06-30-89  
AT A TOTAL COST OF \$453,272.00  
AWARD # NO0014-86-K-2001, MOD. 10  
MSN GRAD SPACE SCI&ENG CT (144-X097) 10,000.00

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37. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) HIGH FIELD SUPERCONDUCTOR DEVELOPMENT  
FOR THE PERIOD 08-25-88 THROUGH 11-30-89  
AT A TOTAL COST OF \$750,000.00  
AWARD # DE-ACO2-82ER40077 #13, MOD. 15  
MSN ENGR MAT SCI & ENGR (144-AK74) 330,000.00
  - 2) GAS EXCHANGE CHARACTERISTICS OF INTACT LEAVES AS  
INDICATORS OF THE BIOCHEMICAL REACTIONS LIMITING  
PHOTOSYNTHESIS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # DE-FGO2-87ER13785  
MSN L&S BOTANY (144-BA19) 73,019.00
  - 3) ROLE OF TRANSIT PEPTIDES IN THE PROPER  
LOCALIZATION OF NUCLEAR - ENCODED  
CHLOROPLAST PROTEINS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AWARD # DE-FGO2-86ER13526  
MSN L&S BOTANY (144-BA26) 178,000.00
  - 4) MEASUREMENT OF METABOLICALLY ACTIVE INORGANIC  
PHOSPHATE LEVELS IN PLANTS GROWING IN NATURAL  
AGRONOMIC SETTINGS & UNDER WATER STRESS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # DE-FGO2-87ER60568  
MSN L&S BOTANY (144-BB52) 50,036.00
38. ENERGY, DEPT OF  
LAS VEGAS, NV  
DEVELOPMENT OF THE SYMMETRIC ILLUMINATION,  
ICF TRITIUM PRODUCTION FACILITY, SIRIUS-T  
FOR THE PERIOD 05-04-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$493,000.00  
AWARD # DE-ASO3-88DP10754, MOD. 2  
MSN ENGR ENGR EXPR STA FUSION TEC (144-AG97) 225,000.00
39. ARGONNE NATIONAL LABORATORY  
ARGONNE, IL  
PRIME CONTRACTOR WITH DOE  
SERVICES OF GRADUATE STUDENT  
FOR THE PERIOD 01-01-88 THROUGH 06-30-90  
AT A TOTAL COST OF \$31,317.23  
AWARD # P.O. #059816, MOD. 3  
MSN L&S PHYSICS (144-AP54) 19,647.83
40. LAWRENCE BERKELEY LABORATORY  
BERKELEY, CA  
PRIME CONTRACTOR WITH DOE  
SIMULATION OF XUV OPTICAL SYSTEMS  
FOR THE PERIOD 05-08-89 THROUGH 09-30-89  
AWARD # PO #4558410  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BA09) 15,000.00

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41. INTERIOR, DEPT OF  
BOSTON, MA  
THE EVOLUTION OF DUNE BOGS AT HIGH HEAD,  
N. TRURO, MA. IN THE CAPE COD NATIONAL SEASHORE  
FOR THE PERIOD 06-06-89 THROUGH 09-30-89  
AWARD # CA-1600-6-0004 #4  
MSN ENV ST CTR FOR CLIM RES CTR FOR CL (144-BA95) 5,396.00
42. INTERIOR, DEPT OF  
OMAHA, NE  
GEOMORPHIC PROCESSES IN LONG ISLAND, APOSTLE  
ISLANDS NATIONAL LAKESHORE, WISCONSIN  
FOR THE PERIOD 04-01-89 THROUGH 06-30-90  
AWARD # P.O. NO. PX6000-8-0802  
MSN ENV ST MARINE STUDIES C (144-BA04) 20,000.00
43. INTER. FISH AND WILDLIFE SERVICE  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
- 1) THE EFFECTS OF WATER-LEVEL FLUCTUATIONS ON  
WETLANDS OF THE KAKAGON SLOUGHS  
FOR THE PERIOD 06-07-89 THROUGH 12-31-91  
AWARD # 14-16-0009-1511, WO#31  
MSN ENV ST CTR BIOTIC SYSTS (144-AT87) 11,389.00
- 2) THE EFFECTS OF COYOTES AND SWIFT FOX POPULATIONS  
AT THE PINON CANYON ARMY MANEUVER SITE  
FOR THE PERIOD 05-03-89 THROUGH 09-30-89  
AWARD # 14-16-0009-1511 #33  
MSN AG&LSC N R-WILDLIF ECOL (144-BA02) 30,000.00
44. INTER. FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
MICROBIAL POPULATION DYNAMICS IN RELATION TO AVIAN  
BOTULISM EPIZOOTIOLOGY IN WETLANDS OF THE CENTRAL  
VALLEY OF CALIFORNIA  
FOR THE PERIOD 05-22-86 THROUGH 05-30-90  
AT A TOTAL COST OF \$87,013.00  
AWARD # 14-16-0009-1511-WO 23, MOD. 2  
MSN AG&LSC VETERINARY SCI (144-Y004) 23,100.00
45. NATIONAL AERONAUTICS AND SPACE ADMIN  
CLEVELAND, OH  
HIGH POWER CONVERTER TOPOLOGIES FOR SPACE  
APPLICATION  
FOR THE PERIOD 07-01-87 THROUGH 06-30-90  
AT A TOTAL COST OF \$195,550.00  
AWARD # NAG 3-804, MOD. 2  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z460) 69,140.00
46. UNIVERSITY OF CALIFORNIA  
BERKELEY, CA  
PRIME CONTRACTOR WITH NASA  
CONDUCTING AN INVESTIGATION INTO THE HYDRODYNAMICS  
OF RADIATION DRIVEN STELLAR WINDS IN EARLY TYPE  
STARS  
FOR THE PERIOD 05-01-89 THROUGH 06-30-89  
AWARD # AGREEMENT NO. 26319  
MSN ENGR ENGR EXPER STA FUSION TEC (144-AZ70) 11,040.00

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47. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
PARTICIPATION IN THE VOYAGER IMAGING SCIENCE  
TEAM NEPTUNE OPERATIONS AND URANUS DATA ANALYSIS  
FOR THE PERIOD 10-01-86 THROUGH 03-31-90  
AT A TOTAL COST OF \$90,602.00  
AWARD # 957739, MOD. 03  
MSN GRAD SPACE SCI&ENG CT (144-Y674) 12,500.00
48. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
INFRARED ASTRONOMICAL SATELLITE (IRAS) GENERAL  
INVESTIGATOR PROGRAM  
FOR THE PERIOD 07-13-87 THROUGH 05-31-90  
AT A TOTAL COST OF \$77,500.00  
AWARD # NO. 957996, MOD. 4  
MSN L&S ASTRONOMY (144-Z752) 17,000.00
49. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
PSYCHOPHYSICAL EVALUATION OF THREE-DIMENSIONAL  
AUDITORY DISPLAYS  
FOR THE PERIOD 05-01-88 THROUGH 10-31-89  
AT A TOTAL COST OF \$153,891.00  
AWARD # NCC 2-542, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AM24) 53,882.00
50. NASA, HEADQUARTERS  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) THEORETICAL STUDIES OF INTERSTELLAR DUST  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # NAGW-1768  
MSN L&S ASTRONOMY (144-BA83) 37,988.00
- 2) APPLICATION OF LIGHTNING DATA TO SATELLITE-  
BASED RAINFALL ESTIMATION  
FOR THE PERIOD 01-01-89 THROUGH 12-31-89  
AWARD # NAGW-1767  
MSN GRAD SPACE SCI&ENG CT (144-BB23) 72,000.00
51. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) THE DICTIONARY OF OLD SPANISH LANGUAGE: FINAL  
PROOFING AND TYPESETTING PHASE OF THE DICTIONARY  
OF ALFONSINE PROSE  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # RT-21029-89  
MSN L&S SPANISH & PORT (144-BB26) 125,000.00

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- 2) THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION AND THE BILL OF RIGHTS FOR THE PERIOD 07-01-87 THROUGH 09-30-89 AT A TOTAL COST OF \$165,600.55  
AWARD # RE-20632-87, MOD. 10  
MSN L&S HISTORY (144-Z264) 15,000.00
52. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH EXPERIENCES FOR UNDERGRADUATES FOR THE PERIOD 01-01-88 THROUGH 12-31-90 AT A TOTAL COST OF \$14,042.00  
AWARD # ECS-8657655, MOD. 1  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AH48) 3,900.00
- 2) COMPUTATION AND THEORY IN DECENTRALIZED OPTIMIZATION FOR THE PERIOD 05-15-88 THROUGH 11-30-90 AT A TOTAL COST OF \$126,366.00  
AWARD # CCR-8801489, MOD. 1  
MSN L&S COMPUTER SCI (144-AH94) 63,853.00
- 3) ENHANCING INTERACTIVE TEACHING AND LEARNING: EXPANDING RESOURCES AND TEACHER PREPARATION FOR THE PERIOD 06-15-88 THROUGH 11-30-90 AT A TOTAL COST OF \$2,259,538.00  
AWARD # TPE-8751837, MOD. 1  
MSN L&S CHEMISTRY (144-AJ37) 1,219,119.00
- 4) DATA INTERPRETATION AND STRESS CALCULATIONS IN HYDRAULIC FRACTURING MEASUREMENTS FOR THE PERIOD 06-01-88 THROUGH 11-30-90 AT A TOTAL COST OF \$121,780.00  
AWARD # EAR-8720990, MOD. 1  
MSN ENGR MAT SCI & ENGR (144-AK55) 55,440.00
- 5) MOLECULAR BIOLOGY OF CHEMOSENSING IN BACTERIAL CHEMOTAXIS FOR THE PERIOD 07-01-88 THROUGH 12-31-90 AT A TOTAL COST OF \$154,980.00  
AWARD # BNS-8804849, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-AL17) 79,380.00
- 6) REU: COLLABORATIVE RESEARCH: CASCADING TROPHIC INTERACTIONS AND THE VARIANCE OF LAKE ECOSYSTEMS PRODUCTIVITY FOR THE PERIOD 01-01-87 THROUGH 06-30-90 AT A TOTAL COST OF \$8,206.00  
AWARD # BSR-8604996, MOD. 1  
MSN L&S LIMNOLOGY CTR (144-AL88) 5,250.00
- 7) MOLECULAR MECHANISM OF PROTEIN IMPORT INTO CHLOROPLASTS FOR THE PERIOD 08-01-88 THROUGH 01-31-91 AT A TOTAL COST OF \$202,500.00  
AWARD # DCB-8805452, MOD. 1  
MSN L&S BOTANY (144-AN38) 90,000.00

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- |   |            |            |
|---|------------|------------|
| 8) MIXED-LAYER CUMULUS RESEARCH PROGRAM<br>FOR THE PERIOD 05-15-89 THROUGH 04-30-90<br>AWARD # ATM-8822214<br>MSN L&S METEOROLOGY   | (144-AW94) | 80,000.00  |
| 9) AN INTERDISCIPLINARY RESEARCH PROGRAM<br>IN CLIMATOLOGY<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # ATM-8902849<br>MSN ENV ST CTR FOR CLIM RES CTR FOR CL                 | (144-AY48) | 358,032.00 |
| 10) POLYMER DIFFUSION ON INTERFACES<br>AND POROUS MEDIA<br>FOR THE PERIOD 06-15-89 THROUGH 05-31-90<br>AWARD # DMR-8903943<br>MSN L&S CHEMISTRY   | (144-AZ34) | 100,000.00 |
| 11) DISSERTATION RESEARCH: PHYLOGENY OF NEW WORLD<br>CRICETID RODENTS USING DNA HYBRIDIZATION<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-91<br>AWARD # BSR-8901378<br>MSN L&S ZOOLOGY     | (144-AZ44) | 8,000.00   |
| 12) COLLABORATIVE RESEARCH: MARRIAGE AND MARITAL<br>DISSOLUTION IN A CHANGING LABOR MARKET<br>FOR THE PERIOD 06-15-89 THROUGH 05-31-91<br>AWARD # SES-8821493<br>MSN L&S SOCIOLOGY      | (144-BA03) | 30,920.00  |
| 13) MATHEMATICAL SCIENCES: SINGULAR INTEGRALS AND<br>AVERAGES OF FUNCTIONS<br>FOR THE PERIOD 06-01-89 THROUGH 05-31-90<br>AWARD # DMS-8901442<br>MSN L&S MATHEMATICS                    | (144-BA20) | 27,520.00  |
| 14) CHILD SUPPORT: POLICY MAKING IN THE<br>CONTEMPORARY UNITED STATES<br>(REU SUPPLEMENT)<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # SES-8822352<br>MSN L&S INST-RES ON POV | (144-BA23) | 7,500.00   |
| 15) METABOLIC PATHWAY ENGINEERING OF THE 1, 3 -<br>PROPANEDIOL SYSTEM<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-91<br>AWARD # BCS-8910077<br>MSN ENGR CHEMICAL ENGR                      | (144-BA54) | 66,650.00  |
| 16) TRANSITION TO AGRICULTURE IN<br>SOUTHERN SCANDINAVIA<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # BNS-8902421<br>MSN L&S ANTHROPOLOGY                                     | (144-BA55) | 53,055.00  |
| 17) JAPANESE LANGUAGE AWARD FOR ALISON SHULL<br>FOR THE PERIOD 06-01-89 THROUGH 11-30-90<br>AWARD # INT-8907261<br>MSN ENGR ENGR EXPER STA MATERLS SC                                   | (144-BA74) | 12,215.00  |

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- 18) PROPENSITY TO SUE IN COMPARATIVE PERSPECTIVE  
(REU SUPPLEMENT)  
FOR THE PERIOD 05-15-88 THROUGH 10-31-90  
AWARD # SES-8722540  
MSN L&S POLITICAL SCI (144-BA75) 4,000.00
- 19) ORGANIZATIONAL RESPONSE TO LEGAL CHANGE  
(REU SUPPLEMENT)  
FOR THE PERIOD 09-01-88 THROUGH 02-28-91  
AWARD # SES-8814070  
MSN L&S SOCIOLOGY (144-BA92) 4,000.00
- 20) NSF EQUIPMENT GRANT ENTITLED:  
CISE RESEARCH INSTRUMENTATION  
FOR THE PERIOD 05-01-89 THROUGH 04-30-90  
AWARD # CDA-8820250  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BB11) 50,000.00
- 21) DOCTORAL DISSERTATION RESEARCH ENTITLED:  
DETERMINANTS OF SHADE TOLERANCE IN TEMPERATE  
HARDWOOD TREE SPECIES  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AWARD # BSR-8901237  
MSN AG&LSC N RSRCS-FORESTRY (144-BB12) 9,100.00
- 22) MATHEMATICAL SCIENCES RESEARCH EQUIPMENT-1989  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # DMS-8903401  
MSN L&S STATISTICS (144-BB24) 27,500.00
- 23) MOLECULAR ORBITAL CALCULATIONS FOR TRANSITION  
METAL COMPLEXES  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # CHE-8912232  
MSN L&S CHEMISTRY (144-BB27) 28,699.00
- 24) REACTIVE INTERMEDIATES IN ORGANIC SYNTHESIS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-90  
AWARD # CHE-8906119  
MSN L&S CHEMISTRY (144-BB42) 127,545.00
- 25) STRUCTURE AND DYNAMICS OF POLYATOMIC GAS  
PHASE MOLECULE PLUS METAL REACTIONS  
FOR THE PERIOD 05-01-87 THROUGH 10-31-90  
AT A TOTAL COST OF \$323,501.00  
AWARD # CHE-8703076, MOD. 3  
MSN L&S CHEMISTRY (144-Z303) 80,751.00
53. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DISTINGUISHED PROFESSORS MATCHING PROGRAM  
REVENUE FUNDS (182-A-12-2000)  
MSN BUS SCH OF BUSINESS
54. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DISTINGUISHED PROFESSORS MATCHING PROGRAM  
REVENUE FUNDS (182-A-19-3528)  
MSN ENGR ENGR EXPER STA SUPERCOND T

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55.	VETERANS ADMIN MADISON, WI SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING FOR THE PERIOD 04-01-87 THROUGH 06-30-89 AT A TOTAL COST OF \$44,709.74 AWARD # 607D75355, MOD. 8 MSN HS-MED RADIOLOGY	DIAGNOSTIC (144-Z288)	5,858.02
56.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	100.00
57.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED	(133-A251)	100.00
58.	GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	
	500.00 MULTIPLE DONORS 1,000.00 THE GREATER RANDOM LAKE, ADELL, UNITED FUND INC. RANDOM LAKE, WI		1,500.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	103,368.76
60.	MULTIPLE DONORS PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	1,780.00
61.	MULTIPLE DONORS SUPPORT HEMATOLOGY SECTION IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	HEMATOLOGY (133-A802)	250.00
62.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN HISTORY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S HISTORY	(133-B200)	25,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NORMAN BASSETT RESEARCH PROFESSORSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-B214)	500.00
64.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S MATHEMATICS	(133-B390)	25,000.00



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65.	FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	
	1,200.00	W-L RESEARCH, INC. BAKERSFIELD, CA	
	1,150.00	MULTIPLE DONORS	
			2,350.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IRWIN MAIER CHAIR IN BUSINESS MSN BUS SCH OF BUSINESS	(133-B889)	321.82
67.	MULTIPLE DONORS SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC DAIRY RESEARCH,C DAIRY RESE	(133-B996)	150.00
68.	INTERNATIONAL POTATO CENTER LIMA, PERU FUNDAMENTAL RESEARCH TO DEVELOP CONTROL MEASURES FOR BACTERIAL PATHOGENS OF THE POTATO MSN AG&LSC PLANT PATHOLOGY	(133-C080)	1,857.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S SPANISH & PORT IBERO-AMER	(133-C505)	950.00
70.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-C535)	100.00
71.	WEED CONTROL MSN AG&LSC HORTICULTURE	(133-C732)	
	1,920.00	PBI/GORDON CORP. KANSAS CITY, MO	
	3,289.72	WI LEAF TOBACCO DEALERS AND GROWERS ASSN. STOUGHTON, WI	
	960.00	SANDOZ CROP PROTECTION CORP. DES PLAINES, IL	
			6,169.72
72.	MULTIPLE DONORS LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI	(133-C865)	250.00
73.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI FERTILIZER RESEARCH - SOIL MANAGEMENT, SOIL FERTILITY AND PLANT NUTRITION PROBLEMS MSN AG&LSC SOIL SCIENCE	(133-C950)	126,299.28

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74.	CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	
	250.00	MULTIPLE DONORS	
	3,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
	2,000.00	ICI AMERICAS INC. OMAHA, NE	
			5,250.00
75.	FISONS PHARMACEUTICALS ROCHESTER, NY ALLERGY RESEARCH MSN HS-MED MEDICINE	(133-D038)	5,000.00
76.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ECONOMICS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S ECONOMICS	(133-D108)	25,000.00
77.	APPLIED INDUSTRIAL MATERIALS CORPORATION DEERFIELD, IL CASTING OF CARBON STEEL IN OLIVINE AGGREGATE MOLDS AND CORES MSN ENGR MAT SCI & ENGR	(133-D121)	1,000.00
78.	ABBOTT LABORATORIES, D-986 NORTH CHICAGO, IL GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	2,880.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIROMENTAL RESEARCH RELATED TO FISHERIES AND AQUATIC SYSTEMS MSN L&S LIMNOLOGY CTR	(133-D190)	4,900.00
80.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	6,500.00	BASF CORPORATION PARSIPPANY, NJ	
	4,000.00	RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC	
	1,500.00	PENWALT AGCHEM PHILADELPHIA, PA	
			12,000.00
81.	SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY	(133-D429)	
	1,000.00	P.H. BLITZER FORT MYERS, FL	
	10,000.00	NPI SALT LAKE CITY, UT	
			11,000.00

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82.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	700.00 MULTIPLE DONORS		
	700.00 RORER		
	FORT WASHINGTON, PA		
			1,400.00
83.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN COMPARATIVE LITERATURE AND GERMAN FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S GERMAN	(133-D867)	25,000.00
84.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS AND STATISTICS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S STATISTICS	(133-D868)	25,000.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D926)	45,000.00
86.	AGTROL CHEMICAL PRODUCTS HOUSTON, TX EPIDEMIOLOGY AND CONTROL OF VEGETABLE CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-E035)	1,500.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-E770)	15,000.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONTROL OF BOVINE LEUKOSIS MSN AG&LSC VETERINARY SCI	(133-E821)	200.00
89.	MULTIPLE DONORS SUPPORT ELECTRON MICROSCOPE FACILITY AND ASSOCIATED RESEARCH PROJECTS MSN L&S BOTANY	(133-E866)	185.00
90.	MULTIPLE DONORS ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-E923)	25.00

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91.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S (133-F069)	450.00
92.	ELI LILLY & CO. INDIANAPOLIS, IN GENERAL RESEARCH MSN HS-PHR PHARMACY (133-F090)	1,500.00
93.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-F119)	2,275.97
94.	GRASS VARIETY TESTING MSN AG&LSC AGRONOMY (133-F169)	
	1,400.00 INTERNATIONAL SEEDS, INC. HALSEY, OR	
	1,585.00 MULTIPLE DONORS	
	2,000.00 BARENBRUG USA IMBLER, OR	
		4,985.00
95.	FOXBORO COMPANY FOXBORO, MA MICROSENSOR TECHNOLOGY MSN ENGR ELEC & COM ENGR ELEC&COMP (133-F261)	25,000.00
96.	MULTIPLE DONORS PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED (133-F298)	200.00
97.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN MATHEMATICS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S MATHEMATICS (133-F511)	25,000.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL DOCTORAL FELLOWSHIP MSN L&S GEOL & GEOPHYSCS (133-F585)	13,000.00
99.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLOGCL SCI (133-F663)	1,500.00
100.	HALDOR TOPSOE A/S COPENHAGEN, DENMARK UNRESTRICTED RESEARCH GRANT MSN ENGR CHEMICAL ENGR (133-F894)	5,000.00

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101.	GENERAL PICKLE RESEARCH MSN AG&LSC HORTICULTURE	(133-F938)	
	2,400.00 PICKLE PACKERS INT'L. ST. CHARLES, IL		
	192.00 MULTIPLE DONORS		
	384.00 MULTIPLE DONORS		
			2,976.00
102.	MULTIPLE DONORS PEDIATRIC NEPHROLOGY RESEARCH MSN HS-MED PEDIATRICS	(133-G545)	150.00
103.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	2,896.22
104.	HONEYWELL, INC. BLOOMINGTON, MN DISTRIBUTED AMPLIFIERS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-G655)	5,000.00
105.	NOBA, INC. TIFFIN, OH BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	2,925.00
106.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	6,975.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	600.00
108.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-G920)	405.33
109.	UPJOHN COMPANY KALAMAZOO, MI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	1,000.00
110.	RORER HORSHAM, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	600.00

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111.	AGRACETUS MIDDLETON, WI LABORATORY RESEARCH IN THE DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY MSN HS-MED PHYSIOLOG CHEM	(133-H106)	7,000.00
112.	COMPUTER TECHNOLOGY & IMAGING, INC. KNOXVILLE, TN U W CYCLOTRON OPERATIONAL FUND MSN HS-MED MEDICAL PHYSICS	(133-H461)	2,500.00
113.	BRISTOL-MYERS PRODUCTS HILLSIDE, NJ PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	1,000.00
114.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY - VISITING SPEAKERS MSN HS-MED PSYCHIATRY	(133-H771)	6,000.00
115.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT JOINTLY DEFINED EFFORT TO INVESTIGATE COMMUNICATIONS PROTOCOLS IN A DISTRIBUTED COMPUTING ENVIRONMENT FOR THE PERIOD 01-01-85 THRU 06-30-89 AT A \$1,593,522 LEVEL MSN L&S COMPUTER SCI	(133-H853)	25,000.00
116.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	11,583.66
117.	ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	
	10.00 MULTIPLE DONORS 1,000.00 MARY E NELSON WAUKEGAN, IL		1,010.00
118.	BELL AROMATICS, INC. NORTHBROOK, IL BIOTECHNOLOGY OF SASSAFRAS OIL AND OTHER ESSENTIAL OILS MSN AG&LSC HORTICULTURE	(133-H950)	5,280.00
119.	HAZLETON LABORATORIES OF AMERICA, INC. MADISON, WI MICROSCOPIC ANALYSIS OF TISSUES AND ORGANS MSN HS-MED ANATOMY	(133-J183)	720.00

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120.	MADISON METROPOLITAN SEWERAGE DISTRICT MADISON, WI CLEANING OF FINE BUBBLE DIFFUSED AEARATION SYSTEMS MSN ENGR CIVIL & ENV ENGR (133-J413)	7,500.00
121.	FOUNDATION FOR INTERIOR DESIGN EDUCATION RESEARCH NEW YORK, NY STUDY OF INTERIOR DESIGN PARA-PROFESSIONAL PROGRAMS MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-J600)	3,300.00
122.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH (133-J601)	3,000.00
123.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GEOGRAPHY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S GEOGRAPHY (133-J900)	25,000.00
124.	JOHN R. CAMERON MEDICAL PHYSICS FOUNDATION, INC. MIDDLETON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS (133-J931)	10,000.00
125.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY (133-J959)	870.00
126.	SYVA COMPANY PALO ALTO, CA ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH (133-J971)	553.00
127.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE (133-J974)	8,000.00
128.	MULTIPLE DONORS SPORT PSYCHOLOGY PROJECT MSN EDUC PHYS ED & DANCE PHYS EDUC (133-K008)	500.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MULTIPLE SCLEROSIS RESEARCH FUND MSN HS-MED NEUROLOGY (133-K057)	5,500.00
130.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE HEMATOLOGY (133-K061)	375.89

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131.	SANDOZ PHARMACEUTICALS EAST HANOVER, NJ SANDOGLOBULIN 4-3 "SANDOGLOBULIN PROPHYLAXIS OF INTERSTITIAL PNEUMONITIS AFTER BONE MARROW TRANSPLANT MSN HS-MED PEDIATRICS	(133-K272)	16,200.00
132.	JOHNSON CONTROLS, INC. MILWAUKEE, WI ACOUSTIC DIAGNOSTICS OF EQUIPMENT AND CONTROL ROOMS AWARD # P.O. # M22308 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-K648)	18,180.00
133.	FORD FOUNDATION NEW YORK, NY TRAINING PROGRAM IN COOPERATION WITH THE NATIONAL AUTONOMA UNIVERSITY IN NICARAGUA (UNAM) FOR THE PERIOD 08-01-86 THRU 06-30-89 AWARD # 860-0558 MSN AG&LSC LAND TENURE CTR	(133-K716)	2,900.00
134.	BAUSCH & LOMB ROCHESTER, NY PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K793)	10,000.00
135.	MULTIPLE DONORS CANINE ORTHOPEDIC RESEARCH MSN VET M SURGICAL SCI	(133-K816)	232.99
136.	TRI-STATE BREEDERS COOPERATIVE BARABOO, WI PROBING FOR GENETIC MARKERS IN BULL SEMIN MSN AG&LSC DAIRY SCIENCE	(133-K829)	1,367.00
137.	ROCKWELL INTERNATIONAL CORPORATION THOUSAND OAKS, CA MATCHING FUNDS FOR PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ENGR MECHANICS	(133-K845)	20,000.00
138.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOCIAL STRATIFICATION RESEARCH FUND FOR THE PERIOD MSN L&S SOCIOLOGY	(133-K855)	7,000.00
139.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-K955)	20,000.00
140.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER "CLIN" MSN HS-MED HUMAN ONCOLOGY PREV ONCOL	(133-LO05)	50,000.00



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141.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	
	20,000.00	NOVO INDUSTRI A/S BAGSVAERD, DENMARK	
	15,000.00	JAMES RIVER CORPORATION NEENAH, WI	
	15,000.00	POTLATCH CORPORATION CLOQUET, MN	
	15,000.00	SANDOZ CHEMICALS CORPORATION CHARLOTTE, NC	
	15,000.00	GREAT NORTHERN NEKOOSA CORPORATION STAMFORD, CT	
	20,000.00	NALCO CHEMICAL COMPANY NAPERVILLE, IL	
	15,000.00	SPROUT-BAUER, INC. MUNCY, PA	
	15,000.00	DOW CHEMICAL CO. MIDLAND, MI	
			130,000.00
142.	VLASIC FOODS, INC. FARMINGTON HILLS, MI PILLOWY DISORDER - CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE	(133-L280)	5,760.00
143.	BESSELAAR (G. H.) ASSOCIATES PRINCETON, NJ COMPARATIVE CLINICAL STUDY OF ORCHIECTOMY AND ANANDRON VERSUS ORCHIECTOMY ALONE "CLIN" MSN HS-MED SURGERY UROLOGY	(133-L446)	1,209.00
144.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAUL S. REINSCH CHINESE STUDIES FELLOWSHIP MSN L&S E ASIAN LANG&LIT	(133-L581)	500.00
145.	VAN DER HAVE OREGON, INC. ALBANY, OR ALFALFA RESEARCH MSN AG&LSC AGRONOMY	(133-L700)	1,000.00
146.	ANONYMOUS DONOR MECHANICS OF HUMAN MOTION MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-L753)	15,500.00
147.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN SOCIOLOGY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S SOCIOLOGY	(133-L770)	25,000.00
148.	DERUITERZONEN CV BLEISWYK, THE NETHERLANDS CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	2,495.00

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149.	FOREST INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-L817)	
	1,000.00	WISCONSIN CHRISTMAS TREE PRODUCERS ASSOCIATION ARLINGTON, WI	
	1,500.00	MICHIGAN CHRISTMAS TREE ASSOCIATION SPARTA, MI	
			2,500.00
150.	BELOIT MEMORIAL HOSPITAL BELOIT, WI SALARY SUPPORT FOR A CLINICAL ASSISTANT PROFESSOR IN CARDIOLOGY MSN HS-MED MEDICINE	(133-L907)	8,986.00
151.	ACADEMY OF FINLAND NATIONAL RESEARCH COUNCIL FOR AGRICULTURE AND FORESTRY HELSINKI, FINLAND FACTORS AFFECTING COLD HARDINESS IN FOREST TREES MSN AG&LSC N RSRCS-FORESTRY	(133-L956)	2,000.00
152.	STUART PHARMACEUTICALS WILMINGTON, DE ICI 176, 334 IN PATIENTS WITH ADVANCED PROSTATIC CARCINOMA "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-L975)	4,000.00
153.	THE PROCTER & GAMBLE COMPANY CINCINNATI, OH UW BIOPROCESS AND METABOLIC ENGINEERING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR ENGR BIOTE	(133-M124)	10,000.00
154.	MULTIPLE DONORS PERITONEAL DIALYSIS RESEARCH MSN HS-PHR PHARMACY	(133-M148)	150.00
155.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY	(133-M167)	2,000.00
156.	HURON MOUNTAIN WILDLIFE FOUNDATION CHICAGO, IL HURON MOUNTAINS RESEARCH MSN L&S GEOL & GEOPHYSICS	(133-M199)	1,600.00
157.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ENGLISH FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S ENGLISH	(133-M205)	25,000.00
158.	MULTIPLE DONORS LARGE ANIMAL SURGERY MSN VET M SURGICAL SCI	(133-M234)	200.00

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159.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ MEREK CONSULTANT GRANT FOR THE PERIOD MSN HS-MED ONCOLOGY	(133-M240)	25,000.00
160.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI DEVELOP AND IMPLEMENT AN INFORMATION SYSTEM FOR MONITORING AND EVALUATING HEALTH CARE SERVICES FOR THE PERIOD 07-01-87 THRU 06-30-89 AWARD # FAH 58413 PO MSN ENGR ENGR EXPER STA HLTH SYS'S	(133-M314)	26,400.00
161.	PURINA MILLS, INC. ST. LOUIS, MO QUANTITATIVE ASPECTS OF LYSINE METABOLISM IN THE PIG MSN AG&LSC MEAT& ANIMAL SCI	(133-M347)	5,000.00
162.	MULTIPLE DONORS FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY	(133-M749)	79.00
163.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S PHILOSOPHY	(133-M771)	15,187.00
164.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S HISTORY	(133-M772)	18,566.00
165.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S ENGLISH	(133-M774)	16,240.00
166.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S GERMAN	(133-M776)	17,197.00
167.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S COMMUN ARTS	(133-M777)	14,840.00
168.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S HISTORY	(133-M778)	17,561.00

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169.	MULTIPLE DONORS VETERINARY MEDICINE SURGICAL RESEARCH MSN VET M SURGICAL SCI	(133-M898)	260.00
170.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-23-88 THRU 09-01-89 AWARD # 88-11 VAN DEUREN MSN ENGR CIVIL & ENV ENGR	(133-M935)	4,864.00
171.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI QUANTITATIVE SENSORY LAB OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-N015)	2,944.98
172.	INDUSTRY APPLICATION SOCIETY NEW YORK, NY EXPENSES RELATED TO STATIC POWER CONVERTER COMMITTEE FOR THE PERIOD 12-01-87 THRU 12-31-88 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-N044)	400.00
173.	SCHERING-PLOUGH KENILWORTH, NJ COMPARING DIPROLENE OINTMENT, 0.05% WITH PSORCON OINTMENT 0.05% IN THE TREATMENT OF PSORIASIS "CLIN" MSN HS-MED MEDICINE DERMATOLGY	(133-N054)	10,152.00
174.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOIS G. NEMEC DISTINGUISHED ALUMNI AWARD MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-N060)	761.00
175.	FORGENE, INC. RHINELANDER, WI DEVELOPMENT OF CLONAL PROPAGATION TECHNOLOGIES FOR PRODUCTION OF GENTICALLY ELITE WHITE SPRUCE HYBRIDS FOR THE PERIOD 07-01-88 THRU 06-30-90 MSN AG&LSC HORTICULTURE	(133-N070)	45,544.00
176.	MULTIPLE DONORS EPILEPSY RESEARCH MSN HS-MED NEUROLOGY	(133-N119)	155.60
177.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN EDUCATIONAL POLICY STUDIES FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN EDUC EDUC POLICY STU	(133-N193)	25,000.00
178.	CASE (WENDY WILL) CANCER FUND, INC. CHICAGO, IL RADIOISOTOPE SCANNING SYSTEM MSN HS-MED HUMAN ONCOLOGY UWCC CENTE	(133-N200)	7,163.00

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179.	ICI AMERICAS, INC. WILMINGTON, DE PHARMACOLOGY OF CARDIOPULMONARY TISSUES MSN HS-MED ANESTHESIOLOGY	(133-N239)	6,000.00
180.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN ANTHROPOLOGY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S ANTHROPOLOGY	(133-N287)	25,000.00
181.	MULTIPLE DONORS PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-N293)	325.00
182.	INTERNATIONAL CLINICAL RESEARCH CORPORATION LA MESA, CA THE USE OF ALPIDEM IN PATIENTS WITH GENERALIZED ANXIETY DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-N297)	18,800.00
183.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT A RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED STUDY OF THE CHRONIC EFFICACY AND SAFETY OF PIMOBENDAN WITH CLASS 111-1V CONGESTIVE HEART FAILURE "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-N315)	12,957.00
184.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A MULTICENTER, RANDOMIZED, PARALLEL-GROUP, DOUBLE- MASKED, PLACEBO-CONTROLLED STUDY TO DETERMINE THE EFFECT OF DAILY ADMINISTRATION OF MK-538ON THE PROGRESSION OF BACKGROUND RETINOPATHY IN DAIBETIC PATIENTS "CLIN" MSN HS-MED OPHTHALMOLOGY	(133-N323)	4,463.58
185.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-04-88 THRU 09-01-89 AWARD # 88-11 PAYNE MSN ENGR CIVIL & ENV ENGR	(133-N340)	1,914.00
186.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-12-88 THRU 12-30-89 AWARD # 88-11 RICE MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-N357)	7,015.87
187.	MEAD & HUNT MADISON, WI RIVER FLOW MODELLING MSN ENGR CIVIL & ENV ENGR	(133-N373)	1,500.00

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188.	MCNEIL PHARMACEUTICALS SPRING HOUSE, PA EVALUATION OF THE EFFECT OF ETOPIRIDONE HYDROCHLORIDE ON SERUM LITHIUM LEVELS IN HEALTHY MALE VOLUNTEERS "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-N377)	5,562.00
189.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENT DISABILITIES SPRINGFIELD, IL RESIDENTIAL FACILITIES MONITORING SERVICE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN GRAD WAISMAN CENTER	(133-N390)	220.00
190.	SIDS-INFANT BOTULISM PREVENTION PROGRAM BERKELEY, CA SUPPLY OF HEMAGGLUSTININ PROTEIN PURIFIED FROM CLOSTRIDIUM BOTULINUM, TYPE A-HALL STRAIN AWARD # PHF-88-1012 MSN AG&LSC FOOD MICRO&TOXIC	(133-N493)	929.50
191.	PFIZER, INC. NEW YORK, NY MODERN APPROACH TO THE TREATMENT OF HYPERTENSION MULTICENTER STUDY "CLIN" MSN HS-MED PHARMACOLOGY	(133-N521)	7,000.00
192.	AMERICAN ECONOMIC ASSOCIATION NASHVILLE, TN COMMISSION ON GRADUATE EDUCATION IN ECONOMICS MSN L&S ECONOMICS	(133-N531)	43,258.00
193.	BRISTOL-MEYER COMPANY WELLINGFORD, CT RANDOMIZED TRIAL OF TWO ANITMETICS "CLIN" MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-N578)	23,116.00
194.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY DEFINING FUNCTIONAL DOMAINS OF THE DROSOPHILA ABELSON TYROSINE KINASE FOR THE PERIOD 01-01-89 THRU 03-21-89 (REDUCED TO REFLECT ALTERNATE FUNDING FROM NIH) AWARD # NP 483E MSN HS-MED ONCOLOGY	(133-N612)	67,500.00-
195.	SYNTEX LABORATORIES, INC. PALO ALTO, CA PLACEBO CONTROLLED ASSESSMENT OF FLUNISOLIDE NASAL SPRAY AS AN ADJUNCT IN THE TREATMENT OF SINUSITIS "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-N660)	16,325.00
196.	MULTIPLE DONORS STUDIES OF COCHLEAR NUCLEAR SLICES MSN HS-MED NEUROPHYSIOLOGY	(133-N685)	200.00

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197.	W.D. GOARD & SONS CO. FORT ATKINSON, WI NATIONAL RESPOSITORY FOR SPECIMENS FROM CATTLE OF PROVEN M. TUBERCULOSIS INFECTION STATUS MSN VET M PATHOBIOLOG SCI (133-N755)	1,000.00
198.	MULTIPLE DONORS FIELD APPLICATION OF NUTRITIONAL & MANAGEMENT TECHNOLOGIES TO DAIRY PRODUCTION PRACTICES MSN AG&LSC DAIRY SCIENCE (133-N776)	150.00
199.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY OF CARTOGRAPHY MSN L&S GEOGRAPHY (133-N780)	40,000.00
200.	MULTIPLE DONORS GENERAL CLINICAL RESEARCH CENTER MSN HS-MED SPEC PROJCT UW-GCRC (133-N782)	478.00
201.	WISCONSIN CANCER PAIN INITIATIVE MSN HS-MED PHARMACOLOGY (133-N832)	
	140.00 MULTIPLE DONORS	
	1,000.00 THE CANCER RESEARCH FOUNDATION OF AMERICA ALEXANDRIA, VA	
	150.00 MULTIPLE DONORS	
	75.00 MULTIPLE DONORS	
		1,365.00
202.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REPRODUCTIVE BIOLOGY RESEARCH MSN AG&LSC VETERINARY SCI (133-N857)	16,275.00
203.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN GRAD L&S COMPUT SCI (133-N879)	3,300.00
204.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-23-89 THRU 09-30-89 AWARD # 89-11 VERHAGEN MSN ENGR ENGR MECHANICS (133-N917)	4,256.00
205.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-N972)	16,524.00

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206.	ELKINS-SINN, INC. CHERRY HILL, NJ PAIN RESEARCH GROUP-UNRESTRICTED GENERAL SUPPORT MSN HS-MED NEUROLOGY (133-N975)	3,000.00
207.	AMERICAN CYANAMID COMPANY JOLIET, IL SINGLE DOSE, OPEN LABEL, PARALLEL, MULTI-CENTER PHARMACOKINETICS STUDY OF PIPERACILLIN AND TAZOBACTAM AFTER INTRAVENENOUS INFUSION IN SUBJECTS WITH VARIOUS DEGREES OF RENAL IMPAIRMENT CLIN @ MSN HS-PHR PHARMACY (133-PO08)	12,663.00
208.	AMERICAN MEDICAL SYSTEMS, INC. MINNETONKA, MN DEVELOPMENT OF A BALLOON DILATION SYSTEM FOR BENIGN PROSTATIC HYPERPLASIA MSN HS-MED SURGERY UROLOGY (133-PO15)	11,250.00
209.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN BUS SCH OF BUSINESS (133-PO53)	17,126.79
210.	WISCONSIN DAIRIES BARABOD, WI FOOD ENGINEERING FUND MSN AG&LSC FOOD SCIENCE (133-PO65)	1,175.00
211.	MULTIPLE DONORS MAEC FORMS PROJECT MSN AG&LSC MEAT& ANIMAL SCI (133-PO67)	450.00
212.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI A SUSTAINABLE SYSTEM FOR INSECT PEST MANAGEMENT IN ALFALFA FOR THE PERIOD 02-01-89 THRU 12-31-90 AWARD # PO AGI 8267 MSN AG&LSC ENTOMOLOGY (133-PO76)	24,700.00
213.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IBERO-AMERICAN STUDIES MSN L&S SPANISH & PORT IBERO-AMER (133-P111)	12,939.00
214.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL FUNDING FOR RURAL SOCIOLOGY MSN L&S SPANISH & PORT IBERO-AMER (133-P112)	1,605.00
215.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL FUNDING FOR AG. ECONOMICS MSN L&S SPANISH & PORT IBERO-AMER (133-P113)	768.00



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216.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 03-27-89 THRU 09-08-89 AWARD # 89-11 SANDE MSN ENGR CIVIL & ENV ENGR	(133-P135)	5,040.00
217.	CUCUMBER RFLP PROJECT MSN AG&LSC HORTICULTURE	(133-P140)	
	3,840.00 PETOSEED CO., INC. WOODLAND, CA		
	3,835.20 IR. BEN VAN DER KNAPP BLEISWIJIK, NETHERLANDS		
			7,675.20
218.	HYPRES, INC. ELMSFORD, NY MEASUREMENT OF SURFACE RESISTANCE MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-P151)	720.00
219.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PLANT BREEDING AND PLANT GENETICS PROGRAM MSN AG&LSC AGRONOMY	(133-P157)	150.00
220.	NATIONAL RIFLE ASSOCIATION POPULATION DYNAMICS OF WHITE-TAILED DEER IN NORTHERN WISCONSIN FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN AG&LSC N R-WILDLIF ECOL	(133-P163)	2,850.00
221.	MCNEIL PHARMACEUTICAL SPRING HOUSE, PA ETOPERIDONE: EFFICACY AND SAFETY IN OUTPATIENTS WITH MAJOR DEPRESSION "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-P189)	11,112.00
222.	MULTIPLE DONORS MADISON, WI "IMMUNE DEFICIENCY AND VACCINES" CONFERENCE MSN HS-MED MEDICINE HEMATOLOGY	(133-P190)	750.00
223.	MULTIPLE DONORS SWINE RESPIRATORY DISEASE MSN VET M MEDICAL SCIENCES	(133-P218)	100.00
224.	MULTIPLE DONORS IBERIA AND THE NEW WORLD MSN L&S HUM-INST FOR RES	(133-P226)	2,750.00
225.	CULHAM LABORATORY UNITED KINGDOM ATOMIC ENERGY AUTHORITY ABINGDON, OXFORDSHIRE, UNITED KINGDOM SCIENTIFIC COLLABORATION FOR THE PERIOD 05-31-89 THRU 08-16-89 AWARD # MH 13620 MSN L&S PHYSICS	(133-P228)	31,274.00

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226.	KELLOGG (W K) FOUNDATION BATTLE CREEK, MI BARN PROJECT FOR THE PERIOD 04-01-89 THRU 06-30-89 MSN ENGR ENGR EXPER STA HLTH SYS'S (133-P229)	11,450.00
227.	ICELAND SEAFOOD CORPORATION CAMP HILL, PA THE MICROBIOLOGICAL SAFETY OF REFRIGERATED FISH SANDWICHES MSN AG&LSC FOOD MICRO&TOXIC (133-P230)	8,000.00
228.	CATALYST TECHNOLOGY INC. MILWAUKEE, WI AGGROSYN - POTATO STUDY MSN AG&LSC HORTICULTURE (133-P232)	480.00
229.	ALKERMES, INC. CAMBRIDGE, MA MONOCLONAL ANTIBODIES TO ENDOTHELIAL CELLS MSN L&S ZOOLOGY (133-P233)	32,000.00
230.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: DEMONSTRATION OF CULTURAL PRACTICES TO MANAGE QUACKGRASS IN ALFALFA WITHOUT HERBICIDES FOR THE PERIOD 01-01-89 THRU 12-31-90 AWARD # P.O.#AGI 6259 MSN AG&LSC AGRONOMY (133-P238)	26,000.00
231.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE DEMONSTRATION GRANT: INTEGRATED WEED CONTROL SYSTEMS FOR CONSERVATION TILLAGE CORN PRODUCTION FOR THE PERIOD 04-01-89 THRU 12-31-90 AWARD # P.O.#AGI 6262 MSN AG&LSC AGRONOMY (133-P246)	30,092.00
232.	AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY ALEXANDRIA, VA RESEARCH TRAINING GRANT MSN HS-PHR PHARMACY (133-P248)	3,500.00
233.	WISCONSIN DEPARTMENT OF ADMINISTRATION MADISON, WI COMPREHENSIVE STATE AGENCY SOLID WASTE REDUCTION PROJECT FOR THE PERIOD 04-01-89 THRU 12-31-90 AWARD # 89066 MSN ENGR CIVIL & ENV ENGR (133-P262)	50,000.00
234.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ ECOLOGY AND ISOLATION OF SOIL ACTINOMYCETES MSN AG&LSC BACTERIOLOGY (133-P263)	20,000.00

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235.	DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI DOW SUMMER RESEARCH ASSISTANTSHIP MSN L&S CHEMISTRY	(133-P265)	2,210.00
236.	ICI AMERICAS INC. WILMINGTON, DE A 3-YEAR ASSESSMENT OF CEFOTETAN AND COMPARATOR IN VITRO ACTIVITIES AGAINST SELECT AEROBIC AND ANAEROBIC BACTERIA	(133-P266)	2,288.60
237.	MULTIPLE DONORS MULTIPLE SCLEROSIS RESEARCH MSN HS-MED NEUROLOGY	(133-P268)	50.00
238.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT OPEN LABEL STUDY TO ASSESS THE SAFETY OF PIMOBENDAN DURING LONG-TERM TREATMENT IN PATIENTS WITH CONGESTIVE HEART FAILURE	(133-P270)	6,462.00
239.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: ECONOMICAL NITROGEN FOR CROPS- ROTATIONS, LEGUMES AND/OR FERTILIZER FOR THE PERIOD 01-01-89 THRU 12-31-90 AWARD # P.O.#AGI 6263 MSN AG&LSC SOIL SCIENCE	(133-P274)	28,200.00
240.	ENCYCLOPAEDIA BRITANNICA INC. CHICAGO, IL FACTORS INFLUENCING THE OUTCOME OF CHALLENGES TO MATERIALS IN SCHOOL LIBRARIES	(133-P275)	5,000.00
241.	CHILDS (JANE COFFIN) MEMORIAL FUND FOR MEDICAL RESEARCH NEW HAVEN, CT JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH FELLOW AWARD # 61-825 MSN AG&LSC BIOCHEMISTRY	(133-P280)	67,500.00
242.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY CLONING OF THE GENE (S) FOR CHACOT-MARIE-TOOTH DISEASE TYPE 1 FOR THE PERIOD 04-01-89 THRU 03-31-90	(133-P281)	50,000.00
243.	GRIFFIN PIPE PRODUCTS CO. LYNCHBURG, VA PERMEABILITY OF ORGANIC CHEMICALS THROUGH GASKETED DUCTILE IRON PIPES AWARD # 5-31987 MSN ENGR CIVIL & ENV ENGR	(133-P286)	38,640.00

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244.	HUGHES (HOWARD) MEDICAL INSTITUTE BETHESDA, MD HOWARD HUGHES DOCTORAL FELLOWSHIPS IN BIOLOGICAL SCIENCES FOR THE PERIOD 06-01-89 THRU 08-31-90 MSN GRAD	(133-P288)	25,300.00
245.	COUNCIL FOR TOBACCO RESEARCH-U.S.A., INC. NEW YORK, NY METABOLISM OF LOW DENSITY LIPOPROTEIN FROM PIGS WITH LIPOPROTEIN MUTATIONS FOR THE PERIOD 07-01-89 THRU 06-30-90 AWARD # 2077R2 MSN AG&LSC BIOCHEMISTRY	(133-P302)	65,500.00
246.	DUPAGE COUNTY WHEATON, IL STATISTICAL ANALYSIS OF SIMULATED STORMFLOW DATA FOR THE PERIOD 06-01-89 THRU 09-30-89 AWARD # RESOLUTION SMOO1089.017 MSN ENGR CIVIL & ENV ENGR	(133-P314)	25,270.00
247.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA COMMERCIAL BUILDING LATENT LOAD REMOVAL SYSTEMS FOR THE PERIOD 01-01-89 THRU 07-30-90 AWARD # RP2891-03 MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-P324)	125,000.00
248.	KERNFORSCHUNGSANLAGE JULICH JULICH, FEDERAL REPUBLIC OF GERMANY PRECONCEPTUAL DESIGN OF A D-HE3-FUELED TOKAMAK FUSION POWER REACTOR AWARD # ORDER NO.011/41090506/930 MSN ENGR ENGR EXPER STA FUSION TEC	(133-P326)	25,000.00
249.	LIFE SCIENCES RESEARCH FOUNDATION BALTIMORE, MD POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 06-01-89 THRU 05-31-92 MSN GRAD ENZYME INSTITUTE	(133-P327)	105,000.00
250.	GENERAL DYNAMICS FORT WORTH, TX DESIGN STUDY OF A HIGH-PERFORMANCE HYDROSTATIC SERVICE VEHICLE FOR AIRPLANES AWARD # 409 7142 MSN ENGR MECHANICAL ENGR	(133-P328)	59,993.00
251.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI LONG TERM CARE INSURANCE PRICING MODEL FOR THE PERIOD 01-01-89 THRU 06-30-89 MSN HS-ADM ADMINISTRATION HLTH POLCY	(133-P329)	13,386.00

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252.	OLIN (JOHN M,) FOUNDATION, INC. NEW YORK, NY JOHN M. OLIN FACULTY FELLOWSHIP FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S HISTORY	(133-P342)	51,550.00
253.	STERLING-WINTHROP RESEARCH INSTITUTE RENSSELAER, NY RESEARCH IN ORGAN PRESERVATION MSN HS-MED SURGERY GEN SURG	(133-P343)	14,130.00
254.	TECHNA VISION, INC. SANTEE, CA CONVERSION OF TECHNAVISON DICON INTO A PROGNOSTIC PERIMETRY SYSTEM AND EVALUATION OF VISUAL FIELDS USING THE TECHNAVISON PATHFINDER METAPERIMETERY MSN HS-MED OPHTHALMOLOGY	(133-P348)	1,226.88
255.	FANCONI ANEMIA RESEARCH FUND, INC. EUGENE, OR FANCONI ANEMIA RESEARCH FUND MSN HS-MED PEDIATRICS	(133-P349)	10,247.00
256.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION MSN L&S HISTORY	(133-P350)	15,000.00
257.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERTIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-22-89 THRU 08-11-89 AWARD # 89-11 MENDELSON MSN AG&LSC NAT RSRCS- ADMIN	(133-P351)	1,920.00
258.	DANE COUNTY PARK COMMISSION MADISON, WI UNIVERSITY INTERNSHIP AGREEMENT AWARD # 10302 MSN AG&LSC NAT RSRCS- ADMIN	(133-P352)	16,126.50
259.	UPJOHN COMPANY KALAMAZOO, MI ENDO-PSYCH TEACHING FUND MSN HS-MED MEDICINE ENDOCRINOL	(133-P354)	1,750.00
260.	GREATER MILWAUKEE OPEN, INC. MILWAUKEE, WI PEDIATRIC ONCOLOGY RESEARCH MSN HS-MED PEDIATRICS	(133-P355)	3,000.00
261.	MULTIPLE DONORS SWEET CORN EVALUATION MSN AG&LSC AGRONOMY	(133-P357)	1,730.00

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262.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA PLANT BREEDING FELLOWSHIP FUND MSN AG&LSC AGRONOMY	(133-P359)	18,000.00
263.	PFIZER INCORPORATED MILWAUKEE, WI MILK COAGULANTS MSN AG&LSC DAIRY RESEARCH,C DAIRY RESE	(133-P360)	1,100.00
264.	NATIONAL KIDNEY FOUNDATION, INC. NEW YORK, NY NATIONAL KIDNEY FOUNDATION RESEARCH FELLOWSHIP FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN HS-MED PEDIATRICS	(133-P361)	21,000.00
265.	AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY ALEXANDRIA, VA AN EXPERIENTIAL EDUCATION EVALUATION SYSTEM FOR THE PERIOD 06-01-89 THRU 05-31-91 MSN HS-PHR PHARMACY	(133-P363)	41,800.00
266.	PERINATAL FOUNDATION MADISON, WI THE EFFECT OF MATERNAL ALCOHOL INGESTION ON FETAL VITAMIN A AS A POSSIBLE MECHANISM FOR FETAL ALCOHOL SYNDROME (FAS) MSN HS-MED PEDIATRICS	(133-P364)	2,500.00
267.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC MOLECULAR BEAM STUDIES OF THE STRUCTURE AND REACTIVITY OF THE GAS-LIQUID INTERFACE FOR THE PERIOD 06-01-89 TRHU 08-31-91 AWARD # ACS-PRF #21589-G6 MSN L&S CHEMISTRY	(133-P366)	18,000.00
268.	KELLOGG COMPANY NEW CASTLE, DE KELLOGG FIBER MSN AG&LSC FOOD SCIENCE	(133-P374)	29,500.00
269.	ROCKEFELLER FOUNDATION NEW YORK, NY EPIDEMIOLOGIC SURVEILLANCE-PRIMARY CARE PROGRAM IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC: A PROGRAM OF U.S./LAO SCIENTIFIC COOPERATION FOR THE PERIOD 05-01-89 THRU 04-30-90 AWARD # GA HS 8931 MSN HS-MED PREVENTIVE MED	(133-P375)	60,000.00
270.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S E ASIAN LANG&LIT	(133-P377)	14,785.00

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271.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - RESEARCH COSTS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S PSYCHOLOGY (133-P378)	12,000.00
272.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - EQUIPMENT UPGRADE FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S SOCIOLOGY (133-P379)	25,600.00
273.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - "MUSIC FOR THE NINETIES" FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S SCHOOL OF MUSIC (133-P380)	19,300.24
274.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI PWR REACTOR/CONTAINMENT MODELLING WITH MAAP FOR THE PERIOD 03-01-89 THRU 02-28-90 AWARD # P.O.#57242 MSN ENGR NUC ENGR&E PHYSIC (133-P385)	30,000.00
275.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA THE WISCONSIN INITIATIVE: A PROGRAM TO IMPROVE THE MANAGEMENT OF CANCER PAIN FOR THE PERIOD 06-01-89 THRU 05-31-90 AWARD # CCG 254 MSN HS-MED PHARMACOLOGY (133-P386)	71,594.00
276.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA WORKSHOP ON ANTIESTROGEN PREVENTION OF BREAST CANCER FOR THE PERIOD 08-01-89 THRU 12-31-89 AWARD # RD-291 MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (133-P387)	5,000.00
277.	FORD FOUNDATION NEW YORK, NY INTEGRATING THE NEW SCHOLARSHIP ON ETHNIC MINORITY WOMEN INTO THE LIBERAL ARTS CURRICULUM FOR THE PERIOD 05-01-89 THRU 07-31-91 AWARD # 890-0467 MSN L&S WOMEN'S STUDIES RESRCH CTR (133-P388)	95,000.00
278.	LIST BIOLOGICAL LABORATORIES, INC. CAMPBELL, CA INFLAMMATORY BOWEL DISEASE: ROLE OF M. PARATUBERCULOSIS MSN VET M PATHOBIOLOGCL SCI (133-P392)	5,000.00
279.	EASTER SEAL RESEARCH FOUNDATION CHICAGO, IL A LONGITUDINAL STUDY TO QUANTITATIVELY ASSESS MUSCLE STRENGTH IN POLIO SURVIVORS FOR THE PERIOD 07-01-89 THRU 06-30-90 AWARD # R8629 MSN HS-MED REHABIL MEDICINE (133-P394)	23,134.00

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280.	COOPERATIVE EDUCATIONAL SERVICE AGENCY FENNIMORE, WI SCHOOL AGE PARENTS PROJECT-ON ADVERSE EFFECTS OF ALCOHOL AND DRUGS MSN HS-MED GENET CLIN PROG	(133-P396)	1,200.00
281.	WISC DEPT OF TRANSPORTATION MADISON, WI EVALUATION OF SHREDDED OR WHOLE TIRES FOR HIGHWAY APPLICATION AND DEVELOPMENT OF ENGINEERING CRITERIA FOR THE PERIOD 06-05-89 THRU 08-31-91 AWARD # 0616-22-11 MSN ENGR CIVIL & ENV ENGR	(133-P398)	124,140.00
282.	SPENCER FOUNDATION CHICAGO, IL STUDIES OF EDUCATION AND ITS EFFECTS FOR THE PERIOD 07-01-89 THRU 06-30-94 MSN L&S SOCIOLOGY	(133-P402)	300,000.00
283.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-05-89 THRU 08-04-89 AWARD # 89-11 CAPPELLI MSN ENGR CIVIL & ENV ENGR	(133-P403)	850.00
284.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC SEDIMENTARY ENVIRONMENTS AND LAND FORM DEVELOPMENT AROUND THE RAPIDLY WASTING BURROUGHS GLACIER, GLACIER BAY, ALASKA FOR THE PERIOD 06-01-89 THRU 06-30-91 AWARD # 4087-89 MSN L&S GEOL & GEOPHYSCS	(133-P405)	21,020.00
285.	SUNTORY LIMITED TOKYO, JAPAN RESEARCH IN THE METHODS OF B-LACTAM ANTIBIOTIC SYNTHESIS MSN HS-PHR PHARMACY	(133-P406)	30,000.00
286.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC A RANDOMIZED, DOUBLE-BLIND COMPARATIVE TRIAL OF THREE DOSAGE REGIMENS OF INHALED FLUTICASONE PROPIONATE VS. PLACEBO IN ADULT PATIENTS WITH ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-P413)	25,740.00
287.	FATS AND PROTEIN RESEARCH FOUNDATION FORT MYERS BEACH, FL THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON RESPONSE OF LACTATING CATTLE TO SUPPLEMENT FAT MSN AG&LSC DAIRY SCIENCE	(133-P414)	12,750.00



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288.	CHR. HANSEN'S LABORATORY, INC. MILWAUKEE, WI USE OF BACTERIAL INOCULANTS TO IMPROVE SILAGE QUALITY MSN AG&LSC DAIRY SCIENCE	(133-P415)	13,000.00
289.	SLOAN (ALFRED P) FOUNDATION NEW YORK, NY ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR THE PERIOD 09-16-89 THRU 09-15-91 AWARD # BR - 2936 MSN L&S ECONOMICS	(133-P416)	25,000.00
290.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-05-89 THRU 08-25-89 AWARD # 89-11 BROWN MSN AG&LSC NAT RSRCS- ADMIN	(133-P417)	1,920.00
291.	ASSOCIATION FOR SCHOOL, COLLEGE, AND UNIVERSITY STAFFING, INC. ADDISON, IL NATIONAL EMPLOYMENT INTERVIEW STUDY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN EDUC ED PL&CAREER SVS	(133-P418)	2,500.00
292.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: VALUE OF FORAGE LEGUMES FOR POTATO PRODUCTION SYSTEMS FOR THE PERIOD 04-01-89 THRU 12-31-90 AWARD # P.O.#AGI 6260 MSN AG&LSC PLANT PATHOLOGY	(133-P422)	26,775.00
293.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC ORIGINS OF AGRICULTURE IN SOUTHERN SCANDINAVIA FOR THE PERIOD 07-01-89 THRU 06-30-91 MSN L&S ANTHROPOLOGY	(133-P423)	13,100.00
294.	CYSTIC FIBROSIS FOUNDATION BETHESDA, MD CYSTIC FIBROSIS CENTER SUPPORT FOR THE PERIOD 07-01-89 THRU 06-30-90 AWARD # C120-9C MSN HS-MED PEDIATRICS	(133-P424)	40,280.00
295.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-89 THRU 09-02-89 AWARD # 89-11 KISHOR MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-P425)	2,113.84

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296.	WISCONSIN ELECTRIC POWER COMPANY MILWAUKEE, WI PWR REACTOR/CONTAINMENT MODELLING WITH MAAP FOR THE PERIOD 03-01-89 THRU 02-28-90 AWARD # P.O. #C45893S MSN ENGR NUC ENGR&E PHYSIC	(133-P429)	29,700.00
297.	BETH ISRAEL HOSPITAL BOSTON, MA FAMILY CENTERED COMMUNITY CARE FOR THE ELDERLY: PART TWO MSN GRAD WAISMAN CENTER	(133-P430)	23,120.00
298.	BERGER-BOYER AND ASSOCIATES, INC. KANSAS CITY, MO A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED STUDY OF THE EFFICACY AND SAFETY OF AQUEOUS FLUTICASONE PROPIONATE GIVEN ONCE VS. TWICE- DAILY VS. PLACEBO FOR TWO WEEKS IN ADOLESCENT PATIENTS WITH SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM	(133-P431)	16,038.00
299.	ACUFEX MICROSURGICAL, INC. NORWOOD, MA ORTHOPEDIC RESEARCH MSN HS-MED SURGERY	ORTHO SURG (133-P432)	6,366.77
300.	DIAMOND SCIENTIFIC DES MOINES, IA METABOLISM OF SORBITOL IN RUMINANTS MSN AG&LSC DAIRY SCIENCE	(133-P433)	2,500.00
301.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERSHIP AGREEMENT FOR THE PERIOD 05-30-89 THRU 08-25-89 AWARD # 89-11 TRUSSEL MSN AG&LSC NAT RSRCS- ADMIN	(133-P435)	3,640.00
302.	MULTIPLE DONORS VIRGIN ISLANDS FOREST RESTORATION PROJECT MSN ENV ST CTR BIOTIC SYSTS	(133-P439)	400.00
303.	AMERICAN INSTITUTE FOR CANCER RESEARCH WASHINGTON, DC POTENTIAL ROLE OF PROSTAGLANDINS IN TUMOR-INCUCED ANOREXIA FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN HS-NUR	(133-P443)	9,987.00
304.	SONOCO PRODUCTS COMPANY MADISON, WI FLEXURAL PERFORMANCE OF PAPER-COMPOSITE TUBES MSN ENGR CIVIL & ENV ENGR	(133-P444)	57,390.00
305.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	10,000.00	MIDWEST AGRICULTURAL RESEARCH CENTER DALLAS CENTER, IA	
	7,125.00	ICI AMERICAS INC. WILMINGTON, DE	
	1,000.00	MICHIGAN STATE UNIVERSITY EAST LANSING, MI	
	4,800.00	ICI AMERICAS INC. WILMINGTON, DE	

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305.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	5,000.00	DOW CHEMICAL U.S.A. MADISON, WI	
	2,800.00	RHONE-POULENC RESEARCH TRIANGLE PARK, NC	
			30,725.00
306.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	100.00
307.	PLANT DISEASE CONTROL STUDIES MSN AG&LSC PLANT PATHOLOGY	(133-6696)	
	1,200.00	ICI AMERICAS INC. WILMINGTON, DE	
	1,000.00	ELI LILLY AND COMPANY GREENFIELD, IN	
			2,200.00
308.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	2,000.00	FAIRFIELD AMERICAN CORP. RUTHERFORD, NJ	
	2,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
	1,000.00	UNITED AGRI PRODUCTS GREELEY, CO	
	4,000.00	SANDOZ CROP PROTECTION DES PLAINS, IL	
			9,000.00
309.	MULTIPLE DONORS SUPPORT WISCONSIN CENTER FOR THEATRE RESEARCH MSN L&S COMMUN ARTS	(133-7163)	390.00
310.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	2,688.00	BASF CORPORATION PARSIPPANY, NJ	
	1,440.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
			4,128.00
311.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	123.18

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312.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE	(133-8123)	16,200.00
313.	STINE SEED FARM, INC. ADEL, IA GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	600.00
314.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN PSYCHOLOGY FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S PSYCHOLOGY	(133-8440)	25,000.00
315.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN GERMAN FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S GERMAN	(133-8445)	25,000.00
316.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN AGRICULTURAL ECONOMICS FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN AG&LSC AG ECONOMICS	(133-8449)	25,000.00
317.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-8821)	9,400.00
318.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN CHEMICAL ENGINEERING FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN ENGR CHEMICAL ENGR	(133-8824)	25,000.00
319.	HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	
	1,000.00 DOW CHEMICAL U.S.A. MADISON, WI		
	1,000.00 ICI AMERICAS INC. WILMINGTON, DE		
			2,000.00
320.	WEED RESEARCH IN TURF, ORNAMENTALS AND TOBACCO MSN AG&LSC HORTICULTURE	(133-9262)	
	960.00 RHONE-POULENC AGRICULTURAL COMPANY PERRYSVILLE, OH		
	1,200.00 MULTIPLE DONORS		
			2,160.00

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321.	WISCONSIN ENERGY CORPORATION FOUNDATION MILWAUKEE, WI SUPPORT IN THE FIELD OF NUCLEAR MEDICINE MSN HS-MED RADIOLOGY	( 133-9482 )	3,500.00
322.	MULTIPLE DONORS HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	( 133-9531 )	450.00
323.	MULTIPLE DONORS UNRESTRICTED RESEARCH GRANT MSN HS-PHR PHARMACY	( 133-9927 )	400.00

## STUDENT AID

1.	FOND DU LAC COUNTY MEDICAL AUXILIARY FOND DU LAC, WI MEDICAL SCHOOL STUDENT FINANCIAL AID--LOAN FUND MSN HS-MED	( LOANS )	50.00
2.	AT THE REQUEST OF THE DEAN THE AMOUNT OF THE AWARD IS INCREASED. INCOME TO BE USED TO PROVIDE A PRIZE OF \$250.00, ANNUALLY, TO THE UNDERGRADUATE STUDENT OF THE UNIVERSITY PRODUCING THE BEST WRITTEN ESSAY. UNUSED INCOME BE ADDED TO PRINCIPAL LEWIS, JAMES T.--PRIZE MSN L&S ENGLISH	( TRUST )	
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	( TRUST )	2,010.00
4.	MULTIPLE DONORS ROWE, GEORGE GILES--SCHOLARSHIP MSN HS-MED	( TRUST )	12,240.13
5.	PECH, MRS. RICHARD MANITOWOC, WI PECH, ROSS CHARLES--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	6,030.00
6.	MULTIPLE DONORS MEDICAL SCHOOL--SCHOLARSHIPS MSN HS-MED	( TRUST )	405.00
7.	BURKE, MARGARET J. MADISON, WI ROTHNEY, JOHN W. M.--MEMORIAL RESEARCH AWARD MSN EDUC COUNS PSYCH & ED	( TRUST )	50.00
8.	VROBEL, THOMAS R. EUCLID, OH MEDICAL SCHOOL LOW INTEREST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC	( TRUST )	100.00

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9.	FRANK, BENJAMIN L. & NANCY ALEXANDRIA, VA WISCONSIN NAVAL ROTC ALUMNI AWARD FUND MSN OFCR E NAVAL SCIENCE	( TRUST )	100.00
10.	FIRST WISCONSIN-MADISON WALKER, WILLIAM E. TRUST MADISON, WI WALKER, WILLIAM E.--ATHLETIC SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	( TRUST )	50,000.00
11.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P063R87121 MSN AC SVC STU FINAN AIDS STU F AIDS	(144-AK16)	27,560.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JANE H. BUTT SCHOLARSHIP IN THE DEPARTMENT OF THEATRE AND DRAMA MSN L&S THEATRE & DRAMA	(133-A556)	480.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LLOYD G. LARSON SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-A603)	4,000.00
14.	MARTHA L EDWARDS SCHOLARSHIP FUND MSN L&S HISTORY	(133-A616)	
	889.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	424.00 MULTIPLE DONORS		
			1,313.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROTHERMEL-MERCK AWARD IN THE DEPARTMENT OF AGRONOMY MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-A713)	1,785.00
16.	SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	
	2,000.00 JOHN DEERE FOUNDATION MOLINE, IL		
	1,500.00 AMOCO FOUNDATION CHICAGO, IL		
			3,500.00
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WARREN JOLLYMORE MEMORIAL SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN	(133-B634)	975.00

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18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROBERT G. DEVLIN SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN (133-B827)	250.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KENNETH SCHRICKER SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-D128)	1,000.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-E198)	2,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES H. CARPENTER MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-E208)	5,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRUMMER-WISCONSIN PORK PRODUCER-INDUSTRY SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-E428)	500.00
23.	MARQUIP, INC PHILLIPS, WI SCHOLARSHIPS IN ELECTRICAL AND COMPUTER ENGINEERING AND MECHANICAL ENGINEERING MSN ENGR (133-E654)	5,000.00
24.	MINNESOTA MINING AND MANUFACTURING FOUNDATION ST. PAUL, MN CHEMICAL ENGINEERING SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR (133-F716)	5,000.00
25.	COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR (133-F731)	
	500.00 MULTIPLE DONORS	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	1,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ODESSA LINES SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-G016)	1,200.00
27.	WISCONSIN TURFGRASS ASSOCIATION MADISON, WI WISCONSIN TURFGRASS ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G938)	750.00

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28.	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
29.	GENERAL MILLS, INC. MINNEAPOLIS, MN GENERAL MILLS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-J151)	2,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING FUND FOR POLYGON AWARDS MSN ENGR OPERATIONS (133-J169)	13,700.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY B. HERMAN MEMORIAL AWARD SCHOLARSHIP MSN UNION GENERAL (133-J201)	200.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. O.N. ALLEN GRADUATE SCHOLARS AWARD MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-J561)	4,000.00
33.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR (133-J629)	1,233.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI H. H. PETRIE SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-K600)	400.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED L WILDS SCHOLARSHIPS MSN L&S CHEMISTRY (133-K790)	19,175.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN (133-L007)	2,500.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-L074)	600.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A.J. AND ADELAIDE E. RIKER SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-L412)	4,500.00



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39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD CHURCH MEMORIAL SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-L550)	1,100.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PORTER BUTTS CREATIVE ARTS AWARD (SCHOLARSHIP) MSN UNION GENERAL	(133-L659)	250.00
41.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI UNION TRUSTEE AWARDS (SCHOLARSHIPS) MSN UNION GENERAL	(133-L685)	800.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLASS OF 1930 STUDENT ART PURCHASE AWARDS (SCHOLARSHIPS) MSN UNION GENERAL	(133-M899)	824.00
43.	AMERICAN SOCIETY OF REAL ESTATE COUNSELORS CHICAGO, IL 1988-89 SCHOLARSHIPS IN GRADUATE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS	(133-M978)	2,000.00
44.	GTE SERVICE CORPORATION STAMFORD, CT GTE GRADUATE SCHOLARSHIP IN BUSINESS MSN BUS SCH OF BUSINESS	(133-N057)	10,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROSS QUINT SCHOLARSHIP MSN L&S THEATRE & DRAMA	(133-N271)	690.00
46.	MULTIPLE DONORS MINORITY STUDENTS PROGRAM MSN LAW LAW SCHOOL	(133-N637)	420.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANK MOLINARO SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P249)	2,700.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI S. HERBERT STONE SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P250)	9,000.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAROLD OFSTIE SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P251)	14,000.00

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50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARVEY KUEHN SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P252)	100.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE L. WRIGHT SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P253)	570.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PETER GAMBINO SCHOLRSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P254)	150.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MELVIN GOLDIN SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P255)	900.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI P. GOFF BEACH SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P256)	12,600.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARVEY SORUM SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P257)	700.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OGDEN/MONTIETH SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-P258)	850.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOUIS F. REINKE SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P259)	2,800.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ART BRAZY SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-P260)	350.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARY KELLY QUACKENBUSH MEMORIAL AWARD MSN LAW LAW SCHOOL	(133-P271)	300.00
60.	MILLIMAN & ROBERTSON, INC. BROOKFIELD, WI MILLIMAN AND ROBERTSON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-P279)	2,000.00

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61.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI SUSAN SMITH BEHR AWARD (SCHOLARSHIP) MSN UNION GENERAL	(133-P371)	50.00
62.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI SALLY OWEN MARSHAL AWARD (SCHOLARSHIP) MSN UNION GENERAL	(133-P372)	100.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ATHLETIC SCHOLARSHIPS MSN ATH GENERAL OPERATNS ADMIN	(133-0498)	45,181.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN EASTERN ALUMNI SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-0541)	7,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID N. SCHREINER MEMORIAL SCHOLARSHIP FUND MSN ATH GENERAL OPERATNS ADMIN	(133-0846)	7,500.00
66.	NORTHWESTERN MUTUAL LIFE INS. CO. MILWAUKEE, WI SCHOLARSHIP IN ACTUARIAL SCIENCE MSN BUS SCH OF BUSINESS	(133-1085)	6,500.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BATES AND ROGERS CIVIL ENGINEERING SCHOLARSHIP AWARDS MSN ENGR CIVIL & ENV ENGR	(133-1129)	1,300.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDITH & MICHAEL AGAZIM MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN	(133-2624)	12,000.00
69.	AID ASSOCIATION FOR LUTHERANS APPLETON, WI AID ASSOCIATION FOR LUTHERANS SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-2865)	5,000.00
70.	HUMISTON-KEELING, INC. - MADISON DIVISION MADISON, WI. ASSISTANCE FOR STUDENTS INTERESTED IN BECOMING PHARMACISTS AND IN NEED OF FINANCIAL AID MSN HS-PHR PHARMACY	(133-3680)	250.00
71.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN UNDERGRADUATE ENGINEERING SCHOLARSHIP PROGRAM MSN ENGR	(133-3954)	5,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

72.	MULTIPLE DONORS CHARLES M. FAULHABER AWARD IN THE SCHOOL OF MUSIC MSN L&S SCHOOL OF MUSIC (133-5418)	100.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY J. MCCORMICK MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-6076)	1,600.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRADFORD B. RICHMOND SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-6644)	2,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISADVANTAGED STUDENT FUND MSN L&S HISTORY (133-7089)	40.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JIMMY DEMETRAL SCHOLARSHIP AWARD MSN ATH GENERAL OPERATNS ADMIN (133-7664)	650.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE A. MARTIN MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-8267)	750.00
78.	UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	
	1,000.00 MULTIPLE DONORS 840.00 CUNA MUTUAL INS. MADISON, WI 1,491.70 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		3,331.70
79.	CONTROL DATA CORPORATION MINNEAPOLIS, MN MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR MINORITIES ENGR (133-8953)	4,000.00
80.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC FELLOWSHIPS FOR STUDENTS SPECIALIZING IN SUBJECTS RELATING TO THE HISTORY, SOCIETY AND CULTURE OF TURKEY MSN G E A INTL STU & PROGS (133-9131)	1,500.00

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

## UNRESTRICTED

1.	AMERICAN SOCIETY FOR ENGINEERING EDUCATION WASHINGTON, DC ONR FELLOWSHIP DEPARTMENT ALLOWANCE MSN ENGR MAT SCI & ENGR	(133-L729)	2,000.00
2.	CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC MEAT& ANIMAL SCI	(133-N191)	
	2,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 DOWNTOWN KIWANIS CLUB OF MADISON FOUNDATION MADISON, WI		
			3,500.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RUSSELL T. GREGG MEMORIAL FUND MSN EDUC EDUC ADMIN	(133-N445)	916.75
4.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPRRTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS	(133-N911)	1,153.55
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(133-P161)	1,500.00
6.	MULTIPLE DONORS ERGONOMICS AND HUMAN PERFORMANCE LABORATORY FUND MSN ENGR INDUSTRIAL ENGR	(133-P227)	100.00
7.	MULTIPLE DONORS DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS	(133-P264)	200.00
8.	MULTIPLE DONORS DEPARTMENT OF MEDICINE CHAIRMANS DISCRETIONARY FUND MSN HS-MED MEDICINE	(133-P267)	7,500.00
9.	SIGMA XI NEW HAVEN, CT UNRESTRICTED RESEARCH GRANT MSN AG&LSC ENTOMOLOGY	(133-P358)	400.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY ACCOUNT MSN L&S IND REL RES INST	(133-P397)	2,000.00
11.	MULTIPLE DONORS DEAN'S DISCRETIONARY FUND MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF	(133-P441)	1,020.00

TOTAL MADISON

25,196,607.45

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EXTENSION AND PUBLIC SERVICE	98,175.93
INSTRUCTION	3,449,891.00
LIBRARIES	3,445.48
MISCELLANEOUS	3,868,113.95
PHYSICAL PLANT	72,340.00
RESEARCH	17,331,787.96
STUDENT AID	352,562.83
UNRESTRICTED	20,290.30

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

1. IBM CORPORATION  
MADISON, WI  
A GIFT OF THE COMPUTER CONNECTION EPC  
MANAGERS CONFERENCE  
MIL CMP SV DIRECTOR & STAFF
2. GEOTEST INSTRUMENT CORP.  
EVANSTON, IL  
A GIFT OF A COMPUTER CONTROLLED CYCLIC  
TRIAIXIN APPARATUS  
MIL ENG&AS CIVIL ENGINEER'G

## INSTRUCTION

1. UWM FOUNDATION (ACCT. #561)  
EMPLOYERS INSURANCE OF WAUSAU  
MILWAUKEE, WI  
JOANNA JOHNSON CHAIR - OCCUPATIONAL HEALTH NURSING  
MIL NURS HLTH MAINTENANCE (133-B811) 55,500.40
2. UWM FOUNDATION  
MILWAUKEE, WI  
CEAS POWER SYSTEM RESEARCH FUND #854  
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-M379) 3,500.00
3. SINAI SAMARITAN MEDICAL CENTER  
MILWAUKEE, WI  
EPISODIC HEALTH DISRUPTIONS: THEORY TO  
PRACTICE  
FOR THE PERIOD 06/19/89 THROUGH 08/12/89  
MIL NURS ADMIN DEAN (133-N662) 40,648.00-
4. INROADS  
MILWAUKEE, WI  
INROADS PRE-COLLEGIATE MINORITIES PROGRAM  
AND THE YOUTH LEADERSHIP PROGRAM  
FOR THE PERIOD 06/01/89 THROUGH 05/31/90  
MIL DOCE OUTRCH & CE ADM OR&CE ADM (133-P273) 20,000.00

## MISCELLANEOUS

1. VARIOUS DONORS  
MILWAUKEE, WI  
UNRESTRICTED USE OF THE UWM MEN'S BASEBALL PROGRAM  
MIL STU AF INTRCOL ATHL-MEN BASEBALL (133-L277) 2,142.05
2. WISCONSIN EDUCATIONAL COMMUNICATIONS BOARD  
MADISON, WI  
PROVIDE TECHNICAL OPERATIONS CENTER  
(TOC) SERVICE FOR ECB  
DURING THE MONTH OF MARCH 1989  
MIL ED COM PROJECTS SP3-ECB,IT (133-N548) 1,186.34

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

3.	UWM FOUNDATION #545 MILWAUKEE, WI LEON H. SULLIVAN PROFESSORSHIP MIL S WELF SOC WELFARE ADMN SOC WEL AD	(133-N573)	700.00
4.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI LAKEFRONT TERRACE FUNDRAISING PROJECT MIL ARC&UP ARCH&U P RES CTR	(133-P097)	10,000.00
5.	VARIOUS DONORS MILWAUKEE, WI A GIFT TO UWM TRACK & CROSS COUNTRY MIL STU AF INTRCL ATH-WOMEN CROS CNTRY	(133-P284)	1,035.00
6.	VARIOUS (ETA NU CHAPTER SIGMA THETA TAU HONOR SOCIETY) MILWAUKEE, WI DEAN'S DISCRETIONARY ACCOUNT MIL NURS ADMIN DEAN	(133-P410)	300.00

## RESEARCH

1.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD DEVELOPMENTAL CHANGES IN ANTITHROMBIN III GENE EXPRESSION FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AWARD # 5 RO1 HL39079-04 MIL A H P CLINICAL LAB SCI	(144-BA22)	61,747.00
2.	NATIONAL SCIENCE FOUNDATION WASHINGTON, D. C. RESEARCH INITIATION AWARD: "ENHANCEMENT OF FILM CONDENSATION USING A POROUS COATING: A THEORETICAL AND EXPERIMENTAL INVESTIGATION" FOR THE PERIOD 06-01-89 THROUGH 11-30-91 AWARD # GRANT #CTS-8909410 MIL ENG&AS MECHANICAL ENGR	(144-BA79)	69,998.00
3.	HOLOCAUST RESEARCH AND INFORMATION PROJECT FOR OFFERING THE COMPARATIVE LITERATURE COURSE IN THE LITERATURE OF THE HOLOCAUST; INSTRUCTIONAL MIL L&S COMPARATIVE LIT	(133-F437)	
	100.00 DENICE AND GARY GELLER MADISON, WI		
	25.00 JEROME E. AND MARY KAHN MILWAUKEE, WI		
	50.00 KENNETH A. AND DIANA J. STEIN GLENDALE, WI		
	20.00 ALBERT AND BARBARA SIMON GLENDALE, WI		
	20.00 DAVID P. AND DONNA ALTMAN MILWAUKEE, WI		

215.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

4.	UWM FOUNDATION (809) ALUMNI HOUSE MILWAUKEE, WISCONSIN STRUCTURAL TESTING RESEARCH CEAS MIL ENG&AS CIVIL ENGINEER'G	(133-H679)	6,100.00
5.	FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS MECHANICAL ENGR	(133-K994)	2,000.00
6.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI PROTECTIVE THIN FILM PROJECT AWARD # NONE MIL L&S PHYSICS	(133-K999)	15,000.00
7.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI INTERNATIONAL LABORATORY FOR VISITOR STUDIES MIL L&S PSYCHOLOGY	(133-L165)	9,000.00
8.	THE NITRAGIN COMPANY INC. MILWAUKEE, WI DEMILCO RESTORATION PROJECT, TO FURTHER RESEARCH AND PROVIDE GRADUATE STUDENT SUPPORT MIL L&S BIOLOGICAL SCI	(133-L606)	11,500.00
9.	BIOLOGICAL SCIENCES DEPARTMENT CHAIR ACCOUNT (SLOANE) MIL L&S BIOLOGICAL SCI	(133-M292)	
	125.00 DONNA J. SHERIDAN MILWAUKEE, WI		
	400.00 RUSSEL WROBEL MILWAUKEE, WI		
	400.00 PATRICK H. KITZMAN MILWAUKEE, WI		
			925.00
10.	L.S.B. LEAKEY FOUNDATION PASADENA, CA ACTUALISTIC STUDIES OF FIRE ON CONTEMPORARY AFRICAN LANDSCAPES AWARD # CHECK NO. 3098 MIL L&S ANTHROPOLOGY	(133-M944)	2,000.00
11.	UWM FOUNDATION MILWAUKEE WISCONSIN SPECIAL RESEARCH PROJECT CHILDHOOD DEVELOPMENT MIL F ARTS ART	(133-M949)	6,029.00



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

## RESEARCH

12.	SAGE PUBLICATIONS NEWBURY PARK, CA JOURNAL ROYALTIES FROM ECONOMIC DEVELOPMENT QUARTERLY AWARD # CHECK NO. 16236 MIL GRAD URBAN RESRCH CTR	(133-M972)	4,368.42
13.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI RESEARCH FOR LAKE TERRACE FACILITY AWARD # A MIL ARC&UP ARCH&U P RES CTR	(133-N510)	794.00
14.	UWM FOUNDATION UWM ALUMNI HOUSE MILWAUKEE, WI GIFT OF CASH TO COVER COST OF GE DXC BULB FOR DR. VANSELOW ON REQ. M696905 MIL L&S CHEMISTRY	(133-N589)	75.00
15.	UWM FOUNDATION (WIS PUB SERV CORP) MILWAUKEE, WI CENTER FOR BY-PRODUCTS UTILIZATION MIL ENG&AS CIVIL ENGINEER'G	(133-N999)	5,000.00
16.	SQUARE D COMPANY MILWAUKEE, WI VIBRATION TESTING OF EQUIPMENT MIL ENG&AS CIVIL ENGINEER'G	(133-P193)	2,299.70
17.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI BASELINE DATA AQUISITION ON STATE NATURAL AREAS AWARD # P.O. NRI 93235 MIL L&S BIOLOGICAL SCI	(133-P237)	2,250.00
18.	STURGEON FOR TOMORROW, INC. MALONE, WI NORTH AMERICAN LAKE STURGEON WORKSHOP MIL GRAD GT LKS ST, CTR F	(133-P247)	2,500.00
19.	COLUMBIA HOSPITAL MILWAUKEE, WI STUDY OF THE ECOLOGY OF LYME DISEASE OF SOUTHEASTERN WISCONSIN FOR THE PERIOD 05/15/89 THROUGH 05/14/90 AWARD # CHECK NO. 123985 MIL L&S BIOLOGICAL SCI	(133-P283)	10,900.00
20.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI WATERFRONT MASTER PLAN FOR THE PERIOD 05/17/89 THROUGH 12/31/89 MIL ARC&UP ARCH&U P RES CTR	(133-P285)	10,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |     |  |           |
|-----|--|-----------|
| 21. | AMERICAN LUNG ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>SMOKING CESSATION: IMPLEMENTING EDUCATIONAL<br>INTERVENTIONS AMONG PREGNANT WOMEN<br>FOR THE PERIOD OF 07/01/89 THROUGH 06/30/91<br>MIL NURS ADMIN DEAN (133-P382)  | 36,992.00 |
| 22. | SOROS FOUNDATION - SOVIET UNION TRAVEL<br>PROGRAM<br>NEW YORK, NY<br>RESEARCH IN LIMNOLOGY. EXAMINATION AND<br>COMPARISON OF LAKE MICHIGAN TO LAKE<br>BAIKAL<br>AWARD # CHECK NO. 2604<br>MIL GRAD GT LKS ST, CTR F (133-P420) | 2,800.00  |
| 23. | MILWAUKEE COUNTY HUMAN SERVICES CENTER<br>MILWAUKEE, WI<br>YOUTH SERVICES EVALUATION<br>AWARD # 40-89479-100<br>MIL GRAD URBAN RESRCH CTR (133-P421)   | 48,700.00 |

## STUDENT AID

- |    |   |           |
|----|---|-----------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>PELL GRANT ADMINISTRATIVE ALLOWANCE<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-90<br>AWARD # PO63R87122<br>MIL STU AF FINANCIAL AID PROV'L&SUP (144-Z665) | 23,585.00 |
|----|---|-----------|

TOTAL MILWAUKEE

388,493.91

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INSTRUCTION	38,352.40
MISCELLANEOUS	15,363.39
RESEARCH	311,193.12
STUDENT AID	23,585.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - EAU CLAIRE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
HMONG CULTURAL FESTIVAL  
FOR THE PERIOD 02-01-89 THROUGH 04-30-89  
AWARD # FY88-76H  
EAU ET&PS GENERAL ADMIN LIBERAL ST (144-9089) 1,500.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
PERSPECTIVES OF NATIVE AMERICAN SPIRITUALITY  
FOR THE PERIOD 12-01-88 THROUGH 02-28-89  
AWARD # FY88-60L  
EAU ET&PS GENERAL ADMIN LIBERAL ST (144-9090) 930.00
3. MINNESOTA MINING AND MANUFACTURING  
ST PAUL, MN  
SABBATICAL SUPPLEMENT/3M PROJECT  
FOR THE PERIOD 01-01-90 THRU 05-15-90  
EAU ART&SC ENGLISH (133-9093) 9,760.00

INSTRUCTION

1. SCIENCE RESEARCH ASSOCIATES, INC  
CHICAGO, IL  
SRA-DEVELOPMENT/TESTING PROGRAM  
FOR THE PERIOD 03-30-89 THRU 02-28-90  
EAU BUS MGMT INFORM SYS (133-9091) 75,000.00
2. CRAY RESEARCH, INC  
CHIPPEWA FALLS, WI  
CRAY ACADEMY  
FOR THE PERIOD 04-04-89 THRU 04-03-90  
EAU EDUC SECOND & CONT ED (133-9095) 65,000.00
3. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
WORK EXPERIENCE JOB TRAINING  
FOR THE PERIOD 01-01-89 THRU 06-30-89  
EAU G AC A EDUCATIONL OPPOR (133-9103) 4,100.00

RESEARCH

1. RESEARCH CORPORATION  
TUSCON, AZ  
SYNTHESIS OF ENDODENTATE MACROCYCLIC THIOETHERS  
FOR THE PERIOD 06-01-89 THRU 05-31-91  
EAU ART&SC CHEMISTRY (133-9053) 8,170.00
2. WESTBROOK ASSOCIATED ENGINEERS, INC  
EAU CLAIRE, WI  
ARCHEOLOGICAL SURVEY BRIDGE REPLACEMENT TROUT  
RUN CREEK  
FOR THE PERIOD 05-01-89 THRU 12-31-89  
EAU ART&SC SOCIAL & ANTHROP (133-9098) 360.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## RESEARCH

3.	AYRES ASSOCIATES EAU CLAIRE, WI ARCHAEOLOGICAL SURVEY BRIDGE REPLACEMENT ROCK CREEK FOR THE PERIOD 04-21-89 THRU 12-31-89 EAU ART&SC SOCIAL & ANTHROP	(133-9099)	343.00
4.	WESTBROOK ASSOCIATED ENGINEERS, INC EAU CLAIRE, WI ARCHAEOLOGICAL SURVEY BRIDGE REPLACEMENT ROBINSON CREEK FOR THE PERIOD 05-01-89 THRU 12-31-89 EAU ART&SC SOCIAL & ANTHROP	(133-9100)	360.00
5.	MULTIPLE DONORS CHIPPEWA FALLS, WI SABBATICAL SUPPLEMENT FOR THE PERIOD 03-23-89 THRU 06-30-90 EAU ART&SC PHYS & ASTRONOMY	(133-9104)	15,000.00
	TOTAL EAU CLAIRE		180,523.00 =====
	EXTENSION AND PUBLIC SERVICE		12,190.00
	INSTRUCTION		144,100.00
	RESEARCH		24,233.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - GREEN BAY

RESEARCH

- 1. J.M. COMPANY  
MANITOWOC, WI  
SOLIDIFIER DEVELOPMENT  
GBY ENV SC NAT APP SC (133-P365) 500.00
- 2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
HERBERT FISK JOHNSON PROFESSOR OF ENVIRONMENTAL  
SCIENCES FOR THE PERIOD 07-01-89 THRU 06-30-94  
GBY I RES LAND&WATER STUDY (133-P399) 50,000.00

STUDENT AID

- 1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # P063R87120  
GBY STU SV FINANCIAL AIDS FINANCIAL (144-AK14) 7,150.00
- 2. MULTIPLE DONORS  
STUDENT FINANCIAL AID FUND-UWGB  
GBY ST AID FEL & SCHOL-ADG (133-6986) 100.00

TOTAL GREEN BAY 57,750.00  
=====

RESEARCH 50,500.00  
STUDENT AID 7,250.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - OSHKOSH

## EXTENSION AND PUBLIC SERVICE

1. CITY OF TWO RIVERS  
TWO RIVERS, WI  
MPA PROGRAM INTERNSHIP  
FOR THE PERIOD 06-01-89 THRU 08-31-89  
OSH L&S PUBLIC ADMIN (133-3377) 816.00
2. THIRD WORLD CONFERENCE FOUNDATION  
LARAMIE, WY  
SUPPORT OF A SYMPOSIUM ON THE PROBLEMS AND  
PROSPECTS OF REUNIFICATION OF CHINESE MAINLAND  
AND TAIWAN  
FOR THE PERIOD 05-01-89 THRU 07-31-89  
OSH EXT&PS WORK SEM CLIN (133-3396) 10,000.00

## GIFT-IN-KIND

1. CHRIS LYTLE AND ASSOCIATES  
MADISON, WI  
VIDEO TAPE ENTITLED "RADIO SALES 101: THE VIDEO"  
OSH L&S RADIO-TV-FILM
2. TECH SERVICES, INC  
OSHKOSH, WI  
CAMERAS AND EQUIPMENT  
OSH L&S RADIO-TV-FILM
3. DOUGLAS HENKLE  
OSHKOSH, WI  
ONE 6-PACK CARD FOR IBM COMPUTER FOR USE IN THE  
STUDENT PERSONAL COMPUTER LAB  
OSH L&S COMPUTER SCIENCE
4. KFIZ RADIO  
FOND DU LAC, WI  
ALBUMS GIVEN TO UW-O CENTER FOR RECORDED MUSIC AT  
POLK LIBRARY  
OSH SP&SVS

## INSTRUCTION

1. COOPERATIVE EDUCATIONAL SERVICE AGENCY # 6  
OSHKOSH, WI  
PROVIDE AN INSTRUCTIONAL PROGRAM - SCHOOL  
IMPROVEMENT IN ELEMENTARY EDUCATION  
FOR THE PERIOD 07-01-89 THRU 03-31-90  
OSH EDUC INSTRUCTION (133-3393) 42,900.00

## RESEARCH

1. UNIVERSITY OF COLORADO  
BOULDER, CO  
PRIME CONTRACTOR WITH NSF  
SUPPORT FOR RESEARCH AT BAFFIN ISLAND  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
OSH L&S PHYS-ASTRONOMY (144-4401) 8,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - OSHKOSH

RESEARCH

2.	UNIVERSITY OF COLORADO BOULDER, CO PRIME CONTRACTOR WITH NSF THE EFFECTS OF THE 1988 DROUGHT ON WISCONSIN DAIRY FARMERS FOR THE PERIOD 05-01-89 THROUGH 04-30-90 AWARD # BPO036194 OSH L&S GEOGRAPHY	(144-4402)	1,000.00
3.	OMNI ENGINEERS APPLETON, WI CONDUCT AN ARCHAEOLOGICAL SURVEY AND EVALUATION OF THE PLANNED PATHS OF LATERAL HOOKUP TO THE TOWN OF BLACK WOLF SANITARY SEWAGE COLLECTION SYSTEM FOR THE PERIOD 05-01-89 THRU 09-30-89 OSH L&S SOCIOL-ANTHROPOL	(133-3394)	14,825.00
4.	UW-OSHKOSH FOUNDATION OSHKOSH, WI FUNDS FOR THE PURCHASE OF DECSTATION 3100 EQUIPMENT OSH L&S PHYS-ASTRONOMY	(133-3395)	10,000.00
	TOTAL OSHKOSH		87,541.00 -----
	EXTENSION AND PUBLIC SERVICE		10,816.00
	INSTRUCTION		42,900.00
	RESEARCH		33,825.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - PARKSIDE

## LIBRARIES

- |   |          |
|---|----------|
| 1. PARKSIDE BENEVOLENT FOUNDATION<br>KENOSHA, WI<br>UNRESTRICTED GRANT TO THE UW-PARKSIDE LIBRARY<br>PKS LIB LC ADMINISTRATION (133-8337) | 3,250.00 |
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## MISCELLANEOUS

- |  |          |
|--|----------|
| 1. CORPORATE IMAGES, INC.<br>RACINE, WI<br>VICE-PRESIDENT-MARKETING AND PLANNING (VPMP)<br>FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH<br>PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880) | 150.00   |
| 2. ST. LUKE'S HOSPITAL<br>RACINE, WI<br>CENTER FOR SURVEY AND MARKETING RESEARCH<br>PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-M131)  | 3,500.00 |

## RESEARCH

- |   |           |
|---|-----------|
| 1. UNICO<br>FRANKSVILLE, WI<br>DISTINGUISHED PROFESSORS MATCHING PROGRAM<br>REVENUE FUNDS (182-G-77-3020)<br>PKS MOD IN ENGINEERING SCI APLIED SCI                |           |
| 2. JOHNSON WAX<br>RACINE, WI<br>BIOMEDICAL RESEARCH INSTITUTE SUPPORT<br>PKS SC&SOC SCIENCE BIOLOG SCI (133-K960)   | 2,000.00  |
| 3. KENOSHA (CITY OF)<br>KENOSHA, WI<br>CITY OF KENOSHA HOUSING SURVEY FOR THE<br>PERIOD 03-14-89 THRU 07-20-89<br>PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-P381) | 11,500.00 |

## STUDENT AID

- |   |          |
|---|----------|
| 1. RACINE COUNTY MEDICAL AUXILIARY<br>RACINE, WI<br>SCHOLARSHIPS TO BE AWARDED TO SENIOR, PRE-MEDICAL<br>STUDENTS AT PARKSIDE<br>PKS BUS SV FELLOWS & SCHOLS (133-A076) | 1,750.00 |
| 2. MULTIPLE DONORS<br>MUSIC SCHOLARSHIPS<br>PKS BUS SV FELLOWS & SCHOLS (133-C489)  | 840.00   |
| 3. MULTIPLE DONORS<br>SCIENCE DIVISION FACULTY SCHOLARSHIP<br>PKS BUS SV FELLOWS & SCHOLS (133-G071)  | 800.00   |



GIFTS, GRANTS AND CONTRACTS  
 JULY 7, 1989

## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

4.	MULTIPLE DONORS			
	ALUMNI ANNUAL FUND			
	PKS BUS SV FELLOWS & SCHOLS	(133-G893)		300.00
5.	MULTIPLE DONORS			
	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)	30.00
	TOTAL PARKSIDE			24,120.00
				=====

LIBRARIES	3,250.00
MISCELLANEOUS	3,650.00
RESEARCH	13,500.00
STUDENT AID	3,720.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
SISTER AND MISS LEXIE: THE LIFE AND WORK OF  
EUDORA WELTY  
FOR THE PERIOD 03-14-89 THROUGH 04-14-89  
AWARD # WHC FY88-73L  
STP COLS ENGLISH (144-6528) 1,500.00
2. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
LAKE MANAGEMENT EDUCATIONAL MATERIALS (4)  
FOR THE PERIOD 10-01-88 THRU 09-30-89  
AWARD # NRI 91937, MOD. 1  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8460) 900.00

## INSTRUCTION

1. GREAT LAKES INDIAN FISH AND WILDLIFE COMMISSION  
ODANAH, WI  
PRIME CONTRACTOR WITH INTER  
INTERN PROGRAM WITH THE GREAT LAKES INDIAN FISH  
& WILDLIFE COMMISSION  
FOR THE PERIOD 06-12-89 THROUGH 09-01-89  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8527) 1,920.00
2. LOGAN HOLLOW FISH FARM  
ROCKWOOD, IL  
INTERSHIP WITH LOGAN HOLLOW FISH FARM  
FOR THE PERIOD 05-31-89 THRU 08-25-89  
STP CONR NATURAL RESOURCS NAT RESRCS (133-0942) 2,880.00
3. UWSP FOUNDATION, INC  
STEVENS POINT, WI  
DONATION TO THE BIOLOGY ALUMNI ACCOUNT  
STP COLS BIOLOGY (133-5312) 306.00
4. GOOSE POND SANCTUARY  
ARLINGTON, WI  
INTERSHIP WITH GOOSE POND SANCTUARY  
FOR THE PERIOD 05-22-89 THRU 08-11-89  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8526) 1,920.00
5. PHEASANTS FOREVER - SAUK COUNTY CHAPTER  
BARABOO, WI  
INTERSHIP WITH PHEASANTS FOREVER  
FOR THE PERIOD 06-01-89 THRU 08-24-89  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8528) 2,500.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## RESEARCH

1.	AGRIC, FOREST SERVICE ESCANABA, MI DEVELOPMENT OF AN INTERPRETIVE MASTER PLAN FOR THE WHITEFISH BAY NATIONAL FOREST SCENIC BY-WAY FOR THE PERIOD 06-19-89 THROUGH 10-01-89 AWARD # 43-54B0-9-0338 STP CONR NATURAL RESOURCS NAT RESRCS (144-8474)	7,964.00
2.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC ISOLATION AND CHARACTERIZATION OF A NEMATODE SPERM-ACTIVATING SUBSTANCE FOR THE PERIOD 07-01-88 THROUGH 02-28-90 AWARD # DCB-8610475, MOD. 4 STP COLS BIOLOGY (144-5322)	68,900.00
3.	GREEN BAY CHAPTER OF TROUT UNLIMITED GREEN BAY, WI STUDY OF BRULE RIVER TRIBUTARIES - 1989 FOR THE PERIOD 03-23-89 THRU 08-31-89 STP CONR COOP FISH UNIT (133-4614)	3,180.00
	TOTAL STEVENS POINT	91,970.00 =====
	EXTENSION AND PUBLIC SERVICE	2,400.00
	INSTRUCTION	9,526.00
	RESEARCH	80,044.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. THE MONTERREY INSTITUTE OF TECHNOLOGY AND  
GRADUATE STUDIES  
MONTERREY, N. L. MEXICO  
CONTRACT TO PROVIDE A NON-CREDIT PROGRAM TO  
UNDERGRADUATE STUDENTS FOCUSING ON HOTEL AND  
RESTAURANT MANAGEMENT  
FOR THE PERIOD 06-01-89 THRU 08-31-89  
STO H ECON HABITATNL RESRCS (133-0440) 20,000.00

## MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS FOR PROFESSIONAL DEVELOPMENT OF RAY BARLOW  
THROUGH HORMEL PROFESSORSHIP  
FOR THE PERIOD 07-01-89 THRU 06-30-91  
STO LIB ST ENGLISH (133-0304) 5,000.00
2. L.P.I. INC  
OSSEO, WI  
FUNDS FOR PRODUCT DEVELOPMENT CONCENTRATION,  
INCLUDING STAFF DEVELOPMENT  
FOR THE PERIOD 07-01-88 THRU 06-30-89  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (133-0474) 750.00

## RESEARCH

1. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES  
WASHINGTON, DC  
ADAPTATION OF EARLY CHILDHOOD STATE-OF-THE-ART  
METHODS, MATERIALS AND TECHNOLOGIES FOR HEAD  
START  
FOR THE PERIOD 02-01-89 THROUGH 01-31-90  
AWARD # 90-CD-0723/01  
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (144-0628) 106,420.00
2. CHINA NATIONAL TOURIST OFFICE  
NEW YORK, NY  
SURVEY ON TOURISM IMAGE OF CHINA AS PERCEIVED BY  
THE AMERICAN MATURE TRAVELER  
FOR THE PERIOD 03-29-89 THRU 05-31-89  
STO H ECON HABITATNL RESRCS (133-0337) 958.00

## STUDENT AID

1. SCHOLARSHIP FUNDS FOR HIGH SCHOOL STUDENTS DURING  
COLLEGE WEEK '89--AN EXPLORATION OF THE GRAPHIC  
ARTS  
FOR THE PERIOD 07-01-88 THRU 06-30-89  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (133-0475)
 

250.00	BANTA COMPANY
	MENASHA, WI
600.00	DUPONT CORPORATION
	WILMINGTON, DE
250.00	MENASHA COLOR, DIVISION OF MENASHA CORPORATION
	HARTFORD, WI
125.00	STUDENT TYPOGRAPHICAL SOCIETY (STS)
	MENOMONIE, WI
125.00	PRESS ON, INC
	STILLWATER, MN

GIFTS, GRANTS AND CONTRACTS  
 JULY 7, 1989

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1. SCHOLARSHIP FUNDS FOR HIGH SCHOOL STUDENTS DURING  
 COLLEGE WEEK '89--AN EXPLORATION OF THE GRAPHIC  
 ARTS  
 FOR THE PERIOD 07-01-88 THRU 06-30-89  
 STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (133-0475)

125.00	BUTLER PAPER ENGLEWOOD, CO	
250.00	VIKING PRESS, INC EDEN PRAIRIE, MN	
100.00	SUTTLE PRESS, INC WAUNAKEE, WI	
125.00	STENVE A JOSEPH OAKDALE, MN	
125.00	PRINTING INDUSTRIES OF WISCONSIN BROOKFIELD, WI	
300.00	APPLETON PAPERS APPLETON, WI	
425.00	PRINTON ENGRAVERS, INC NEENAH, WI	
125.00	OHIO ELECTRONIC ENGRAVERS DAYTON, OH	
125.00	DAVID AND NANCY MANCUSI WISCONSIN RAPIDS, WI	
		3,050.00

TOTAL STOUT

136,178.00  
 =====

EXTENSION AND PUBLIC SERVICE	20,000.00
MISCELLANEOUS	5,750.00
RESEARCH	107,378.00
STUDENT AID	3,050.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PROJECT BETTER - BILINGUAL EDUCATION TEACHER  
TRAINING EXCELLENCE IN READING  
FOR THE PERIOD 08-21-89 THROUGH 08-20-90  
AWARD # T003R80064-89  
WTW EDUC CURRIC & INSTR CURR&INSTR (144-1213) 85,989.00

MISCELLANEOUS

1. UW - WHITEWATER FOUNDATION, INC  
WHITEWATER, WI  
FUNDS FOR FACULTY STAFF DEVELOPMENT  
WTW GRAD DN GRAD STUDIES (133-0753) 9,200.00

TOTAL WHITEWATER 95,189.00  
=====

INSTRUCTION 85,989.00  
MISCELLANEOUS 9,200.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. NEMSCHOFF CHAIRS  
SHEBOYGAN, WI  
COMPUTER AIDED DESIGN SYSTEM WITH ONE WORKSTATION  
CNS SHEBOY PHYSICS

## INSTRUCTION

1. RICHLAND COUNTY CAMPUS FOUNDATION  
RICHLAND COUNTY, WI  
FACULTY & STAFF PROFESSIONAL DEVELOPMENT  
CNS RICH ADMINISTRATION PRF DEV (133-M129) 319.45

## MISCELLANEOUS

1. VISITORS & PROMOTION BUREAU  
MARSHFIELD, WI  
UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-L040) 1,000.00
2. MELVIN R. LAIRD  
WASHINGTON, DC  
LAIRD FINE ARTS FUND  
CNS MARSH COMMUNICATN ARTS. (133-L337) 1,000.00
3. MULTIPLE DONORS  
DRAMA DONOR FUND  
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410) 500.00
4. MULTIPLE DONORS  
WOOD COUNTY SYMPHONY  
CNS MARSH STUDENT AFFAIRS WOOD SYMPH (133-P173) 25.00
5. MULTIPLE DONORS  
PROFESSIONAL DEVELOPMENT FUND  
CNS B-SAUK ADMINISTRATION PRF DEV (133-P277) 500.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # P063P87118, MOD. 3  
CNS (148-R089) 520,985.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # P063R87118  
CNS CNS AD STUDENT SERVICES ST FIN AID (144-AK15) 13,090.00

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## STUDENT AID

2) PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$11,230.00 AWARD # RO08802949, MOD. 2 CNS CNS AD STUDENT SERVICES ST FIN AID (144-Z679)	45.00
3. MULTIPLE DONORS SCHOLARSHIPS ACCOUNT CNS MANIT STUDENT AFFAIRS FELL & SCH (133-N932)	450.00
4. MULTIPLE DONORS CAMPUS STUDENT SCHOLARSHIPS CNS B-SAUK STUDENT AFFAIRS FELL & SCH (133-P347)	50.00
5. WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI UNIVERSITY CAMP - A PRE-COLLEGE PROGRAM FOR HISPANIC YOUTH FOR THE PERIOD 06-01-89 THRU 06-30-89 CNS WAUK M.-D. PRGS (133-P428)	2,759.00
TOTAL CENTER SYSTEM	540,723.45 =====

INSTRUCTION	319.45
MISCELLANEOUS	3,025.00
STUDENT AID	537,379.00



GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CO&AREA OFC-S E	(133-F085)	69.00
2.	MULTIPLE DONORS GLAD DEMONSTRATION GARDENS EXT COOP E CO&AREA OFC-S E	(133-G091)	75.00
3.	PUBLIC BROADCASTING SERVICE WASHINGTON, DC CABLE ROYALTY FEES FOR STATION SUPPORT EXT TELCOM WHA TELEVISION	(133-H016)	18,618.21
4.	WALWORTH COUNTY AGRICULTURE AND EXTENSION EDUCATION COMMITTEE ELKHORN, WI PARAPROFESSIONAL EFNEP AIDES FOR THE PERIOD 01-01-87 THRU 12-31-87 EXT COOP E CO&AREA OFC-S E	(133-L245)	14,000.00
5.	ROCK COUNTY JANESVILLE, WI SUPORT FOR ROCK COUNTY URBAN PROGRAM FOR THE PERIOD 01-01-87 THRU 12-31-87 EXT COOP E C&AREA OFC-SOUTH	(133-L914)	9,150.00
6.	COUNTY SUPPORT FOR CRD AGENT - ASHLAND/ BAYFIELD COUNTIES FOR THE PERIOD 11-01-87 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH	(133-M470)	
	271.00 ASHLAND COUNTY ASHLAND, WI		
	812.00 BAYFIELD COUNTY WASHBURN, WI		
			1,083.00
7.	COUNTY SUPPORT FOR AGRICULTURE AGENT- ASHLAND - BAYFIELD COUNTIES FOR THE PERIOD 11-01-87 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH	(133-M471)	
	118.00 ASHLAND COUNTY ASHLAND, WI		
	40.00 BAYFIELD COUNTY WASHBURN, WI		
			158.00
8.	JEFFERSON COUNTY JEFFERSON, WI SUPPORT OF HALF-TIME CROPS AND SOILS AGENT FOR THE PERIOD 01-01-88 THRU 02-07-88 EXT COOP E C&AREA OFC-SOUTH	(133-M495)	671.30

GIFTS, GRANTS AND CONTRACTS  
JULY 7, 1989

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

9.	PEPIN COUNTY DURAND, WI PARTIAL MAINTENANCE OF 4-H YOUTH PROGRAM FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-WEST	(133-M505)	7,239.10
10.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION	(133-M807)	
	1,750.00 HARBOR RECREATION MILTON, WI		
	1,500.00 KLIPSTEIN INSURANCE SERVICES MADISON, WI		
	1,000.00 D. L. EVANS COMPANY MADISON, WI		
			4,250.00
11.	MULTIPLE DONORS SUPPORT OF FCL PROJECT EXT COOP E FAMILY LIV'G ED FAM LIVNG	(133-N307)	40.00
12.	WAUKESHA COUNTY WAUKESHA, WI PARTIAL MAINTENANCE OF THE EXTENSION COMMUNITY RESOURCE DEVELOPMENT AND RECREATION PROGRAM FOR THE PERIOD 02-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-S E	(133-N542)	24,753.00
13.	LINCOLN COUNTY MERRILL, WI LINCOLN COUNTY PROGRAM IN 4-H AND YOUTH DEVELOPMENT FOR THE PERIOD 07-01-88 THRU 06-30-89 (REDUCED TO REFLECT ACTUAL COSTS OF PROJECT) EXT COOP E CO&AREA OFC-CTRL	(133-N598)	2,494.13-
14.	TAYLOR COUNTY MEDFORD, WI TAYLOR COUNTY PROGRAMS IN 4-H AND YOUTH DEVELOPMENT FOR THE PERIOD 07-01-88 THRU 06-30-89 (REDUCED TO REFLECT ACTUAL COSTS OF PROJECT) EXT COOP E CO&AREA OFC-CTRL	(133-N599)	2,494.13-
15.	MULTIPLE DONORS SUPPORT OF SOUTHERN DISTRICT AREA BUSINESS AGENT EXT COOP E C&AREA OFC-SOUTH	(133-P131)	2,250.00
16.	RICHLAND COUNTY RICHLAND CENTER, WI SUPPORT OF RICHLAND COUNTY 4-H YOUTH AGENT FOR THE PERIOD 01-01-89 THRU 12-31-89 EXT COOP E C&AREA OFC-SOUTH	(133-P278)	10,000.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- 17. WISCONSIN DEPARTMENT OF TRANSPORTATION  
LACROSSE, WI  
LACROSSE RIVER VALLEY STUDY FOR THE PERIOD  
05-15-89 THRU 11-15-89  
EXT COOP E COM,N RSRC&EC DV REC RES CT (133-P301) 10,000.00
- 18. DANE COUNTY  
MADISON, WI  
SUPPORT FOR AGRICULTURE AND NATURAL RESOURCE  
AGENT FOR THE PERIOD 05-01-89 THRU 06-30-90  
AWARD # AG-9-89  
EXT COOP E C&AREA OFC-SOUTH (133-P412) 28,040.84

MISCELLANEOUS

- 1. MULTIPLE DONORS  
ALPHA SIGMA--ESP GRANT FUND (EXT)  
EXT COOP E BUDGET & FIN OFF ( TRUST ) 201.50

STUDENT AID

- 1. MULTIPLE DONORS  
ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT)  
EXT COOP E BUDGET & FIN OFF ( TRUST ) 176.50

TOTAL EXTENSION 125,787.19  
=====

EXTENSION AND PUBLIC SERVICE	125,409.19
MISCELLANEOUS	201.50
STUDENT AID	176.50

JULY 7, 1989  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 05-20-89 THROUGH 06-16-89

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	319	-0-	3,025	-0-	-0-	537,379	-0-	540,723
EAU CLAIRE	12,190	144,100	-0-	-0-	-0-	24,233	-0-	-0-	180,523
EXTENSION	125,409	-0-	-0-	202	-0-	-0-	177	-0-	125,787
GREEN BAY	-0-	-0-	-0-	-0-	-0-	50,500	7,250	-0-	57,750
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	98,176	3,449,891	3,445	3,868,114	72,340	17,331,788	352,563	20,290	25,196,607
MILWAUKEE	-0-	38,352	-0-	15,363	-0-	311,193	23,585	-0-	388,494
OSHKOSH	10,816	42,900	-0-	-0-	-0-	33,825	-0-	-0-	87,541
PARKSIDE	-0-	-0-	3,250	3,650	-0-	13,500	3,720	-0-	24,120
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	2,400	9,526	-0-	-0-	-0-	80,044	-0-	-0-	91,970
STOUT	20,000	-0-	-0-	5,750	-0-	107,378	3,050	-0-	136,178
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	85,989	-0-	9,200	-0-	-0-	-0-	-0-	95,189
<b>TOTAL JUL 1989</b>	<b>268,991</b>	<b>3,771,078</b>	<b>6,695</b>	<b>3,905,304</b>	<b>72,340</b>	<b>17,952,461</b>	<b>927,723</b>	<b>20,290</b>	<b>26,924,883</b>
PREVIOUSLY REPORTED	12,029,590	14,873,981	920,594	15,213,298	3,318,683	234,814,316	77,045,335	215,258	358,431,055
<b>GRAND TOTAL</b>	<b>12,298,581</b>	<b>18,645,059</b>	<b>927,289</b>	<b>19,118,602</b>	<b>3,391,023</b>	<b>252,766,777</b>	<b>77,973,058</b>	<b>235,549</b>	<b>385,355,938</b>
<b>TOTAL JUL 1988</b>	<b>300,523</b>	<b>2,123,928</b>	<b>11,580</b>	<b>742,207</b>	<b>224,449</b>	<b>18,036,546</b>	<b>783,742</b>	<b>2,400</b>	<b>22,225,374</b>
PREVIOUSLY REPORTED	13,892,264	18,136,164	617,109	14,512,181	1,668,089	213,297,554	55,422,699	386,682	317,932,742
<b>GRAND TOTAL</b>	<b>14,192,786</b>	<b>20,260,092</b>	<b>628,689</b>	<b>15,254,388</b>	<b>1,892,538</b>	<b>231,334,100</b>	<b>56,206,441</b>	<b>389,082</b>	<b>340,158,117</b>
<b>FEDERAL TOTAL JUL 1989</b>	<b>3,930</b>	<b>3,512,607</b>	<b>-0-</b>	<b>317,104</b>	<b>58,340</b>	<b>13,550,983</b>	<b>592,415</b>	<b>-0-</b>	<b>18,035,379</b>
PREVIOUSLY REPORTED	4,231,219	12,885,157	319,827	3,060,801	1,487,708	177,307,113	73,101,459	12,000	272,405,283
<b>FEDERAL GRAND TOTAL</b>	<b>4,235,149</b>	<b>16,397,764</b>	<b>319,827</b>	<b>3,377,905</b>	<b>1,546,048</b>	<b>190,858,095</b>	<b>73,693,874</b>	<b>12,000</b>	<b>290,440,662</b>
<b>FEDERAL TOTAL JUL 1988</b>	<b>36,157</b>	<b>1,866,116</b>	<b>-0-</b>	<b>110,194</b>	<b>224,449</b>	<b>13,749,818</b>	<b>558,198</b>	<b>-0-</b>	<b>16,544,932</b>
PREVIOUSLY REPORTED	4,168,761	16,276,372	-0-	2,849,287	1,465,724	157,738,560	51,063,869	-0-	233,562,573
<b>FEDERAL GRAND TOTAL</b>	<b>4,204,918</b>	<b>18,142,488</b>	<b>-0-</b>	<b>2,959,481</b>	<b>1,690,172</b>	<b>171,488,378</b>	<b>51,622,067</b>	<b>-0-</b>	<b>250,107,505</b>

## H. UW-RIVER FALLS:

1-5

1.	1987-89 Hagestad Student Center Addition and Remodeling (8709-23)	
a.	<u>General</u> P. G. Miron Construction Co.; Menasha, WI	\$1,224,000
b.	<u>Plumbing</u> Bartingale Company; Eau Claire, WI	93,000
c.	<u>HVAC</u> Badger State, Inc.; Eau Claire, WI	308,147
d.	<u>Electrical</u> A. A. Hanson Electric; Osceola, WI	316,500
e.	<u>Food Service Equipment</u> Boelter Companies; Plymouth, WI	170,925
f.	<u>Asbestos Abatement</u> All States Asbestos; South Milwaukee, WI	<u>119,702</u>
g.	TOTAL CONTRACT AWARD	\$2,232,274
2.	1989 Hathorn Residence Hall Asbestos Abatement (8903-29)	
a.	<u>All Work</u> All States Asbestos; South Milwaukee, WI	\$ 84,900

## I. UW-STEVENS POINT

1.	1983-85 Handicapped Access Modifications (8412-21)	
a.	<u>General</u> Eagle Construction Co.; Wisconsin Rapids, WI	\$ 297,570
b.	<u>Plumbing</u> Kohls Plumbing & Heating; Vesper, WI	11,135
c.	<u>HVAC</u> Mid State Contracting; Wausau, WI	20,250
d.	<u>Electrical</u> K & M Electric of Schofield, Inc.; Schofield, WI	<u>23,115</u>
e.	TOTAL CONTRACT AWARD	\$ 352,250

7/7/89

1-6  
11-1  
III-1

J. UW-STOUT:

- 1. 1987-89 Road Repairs and Resurfacing (8902-24)
  - a. All Work \$ 25,346  
Senn Blacktop, Inc.; Chippewa Falls, WI
- 2. 1987-89 Ford Garage & Residence Razing and 221 2nd St. Residence (8903-33)
  - a. All Work \$ 17,470  
Evenson Trucking & Excavating; Boyceville, WI

K. UW-SUPERIOR:

- 1. 1987-89 Walk Replacement (8902-21)
  - a. All Work \$ 41,150  
Hovland Masonry, Inc.; Duluth, MN

L. UW-WHITEWATER:

- 1. 1987-89 Road Repair and Resurfacing (8903-01)
  - a. All Work \$ 24,519  
B. R. Amon & Sons, Inc.; Elkhorn, WI

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

There are none to report this month.

*UW - Stevens Pt. - Bldg + Land*

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

- A. ~~The renewal agreement allowing UW Stevens Point to sell steam to St. Michael's Hospital, Stevens Point has been executed by the Vice President for Physical Planning and Development on June 2, 1989. This was authorized by the Board at the May 5, 1989 meeting. This becomes effective on July 1, 1989 and will be renewable annually by mutual agreement of both parties. Such renewals are to be made known to the Board by inclusion in the Report of Non-Personnel Actions by Administrative Officers of the Board.~~ <sup>renewed</sup> ✓  
*Amper Stern A*

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

Athletics

B. The UW-Madison Vice Chancellor for Administration has signed on June 7, 1989, on behalf of the Board of Regents, ~~an agreement with the Green Bay Packers and the Buffalo Bills for the use of Camp Randall Stadium for a professional football exhibition game to be played on August 26, 1989,~~ *non-pers. item B*

*\*ref Camp Randall Stadium - (same)*

UW-Milwaukee

C. The UW-Milwaukee Assistant Director for Business and Financial Services has signed on May 11, 1989, on behalf of the Board of Regents, ~~an agreement with Milwaukee County Historical Society to conduct clinical education and/or field education programs with the Milwaukee County Historical Society,~~ *This agreement is to be renewed automatically on an annual basis, beginning June 1, 1989 unless either party gives written notice to the other, at least 30 days prior to the renewal date, of their desire to terminate this agreement.* *non-pers. item C*

Infrastructure - Agreement with City of Madison

D. ~~Officers of the Board have executed an agreement under general authority granted by Resolution 518 (06/08/73), granting an easement to the City of Madison for relocation of a public bus shelter on university arboretum land of UW-Madison in the 3500 block of Monroe Street, This will also include a bus pull-off area for safer and more efficient operation.~~ *non-pers. item D*

Facilities, Naming

*Buildings, Naming of*

E. Under authority granted by Board Resolution 674, Chancellor David Outcalt has reported that ~~an all-purpose room planned as part of the University of Wisconsin~~ Green Bay's Center for the Performing Arts will be designated "Fort Howard Hall." The use of the Fort Howard name recognizes a significant gift of \$750,000 from the Fort Howard Foundation toward completion of the Center. This naming is also deemed appropriate in terms of Fort Howard's long standing support of the arts in the Green Bay community. In particular, for many years the Fort Howard Foundation has been a generous financial supporter of the Green Bay Symphony. *non-pers. item E*

*\*ref UW-Madison - (same)*

Brittingham House

*\*ref Budget Fund - (same)*

F. A lease between the Board of Regents and Michelle Robbins and John Norman, ~~soon to be husband and wife,~~ for occupancy of the Squash Court Apartment, 6010 Old Sauk Road, Madison, was signed on June 9, 1989 by the Vice President for Physical Planning and Development. The lease is for the term July 1, 1989 through June 30, 1990. The monthly rental rate is \$475. However, in lieu of rental payment, and with no additional compensation, the lease agreement provides for performance of duties associated with events at the Brittingham House, at a minimum of 40 hours per month. *non-pers. item F*

Assoc. Production Music (APM) - Agreement for

G. A Memorandum of Agreement has been signed between Associated Production Music (APM) and the University of Wisconsin System (University). ~~AMP does hereby grant to University for the period of one year commencing July 1, 1989 and ending June 30, 1990 the non-exclusive right of synchronization for music which comes under the representation of APM,~~ *non-pers. item G*

IV. REPORT OF ACTIONS TAKEN BY STATE BUILDING COMMISSION ON 31 MAY 1989,  
AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

UNIVERSITY	PROJECT	ACTION
1. UW-MADISON:	DOA requested approval of a three-year lease, at 333 N. Randall Street, consisting of 11,316 SF at \$11.50 for office space and \$2.61 for storage space for an annual cost of \$115,030 (GPR Agency Operating funds and Federal Grant money).	APPROVED.
	* * *	
	Requested approval to convey 1.43 acres of unimproved property at the West Madison Agricultural Research Station, in the Town of Middleton, Dane County, to the Middleton Cemetery Association at a total price of \$10,000.	APPROVED.
	* * *	
	Requested release of \$30,000 of State Building Trust Funds - Planning Funds and authority to prepare preliminary drawings and a Design Report for the 1987-89 McArdle Laboratory Building Exhaust and Fumehood Dilution project, at an estimated total project cost of \$1,250,000, using 1987-89 General Fund Supported Borrowing - Energy Conservation Funds.	DEFERRED.
	* * *	
	Requested: (a) release of \$50,000 SBTf-P funds to prepare a Design Report for a 1987-89 Camp Randall Stadium Structural Repairs project;	(a) APPROVED;
	(b) authority to construct a 1987-89 Camp Randall Stadium Turf Replacement project, for an estimated total project cost of \$1,000,000 of GFSB-Maint funds; and	(b) DEFERRED until after Fall 1989 season;
	(c) State Building Commission support for statutory language to fund the \$4.5 M debt of the McClain Athletic Facility from PRSB.	(c) APPROVED.