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

Madison, Wisconsin

February 10, 1988

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

Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, February 10, 1989
9:00 a.m.

- President Schilling presiding -

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

ABSENT: Regent Vattendahl

Approval of Minutes

Minutes of the regular meeting held on January 6, 1989, were
unanimously approved as mailed, upon motion by Regent Doughty Luckhardt,
seconded by Regent Jarvis.

REPORT OF THE PRESIDENT OF THE BOARD

HEAB — Report on the December 16, 1988, Meeting of the Higher Educational
Aids Board of HEAB, pp 1-2

Noting that a written report had been included in the agenda
materials, Regent President Schilling called on Regents Nicholas and
Nikolay for supplementary comments as regent members of HEAB.

Financial Aid - HEAB report & state proposal, pp 1-2

Regent Nicholas added that the Governor's budget proposal would increase the state grant program from the current \$34.8 million for 1988-89 to \$38.1 million in 1989-90 (9.5 percent) and to about \$41 million in 1990-91 (7.4 percent).

VTAE

Report of the VTAE President

including resignation of State Director Sorensen, p. 2

Regent President Schilling referred to the written report submitted by Regent DeLong, President of the State VTAE Board.

Regent DeLong noted that Dr. Robert Sorensen had resigned from the position of State VTAE Director and that Mr. Glenn Davison had been named interim director during the search for a successor.

new

Regent Committee -

~~Appointment of Special Regent Committee for UW-Oshkosh Chancellor~~

Appointment of Regent Committee

~~Regent President Schilling announced the following membership of the Special Regent Committee for UW-Oshkosh Chancellor: Regent Nicholas (Chair), Regent Clusen, Regent Doughty Luckhardt, Regent Hanson, Regent Schilling (ex officio) and Regent Lyon (ex officio). Chancellor Penson had announced recently that he would leave the chancellorship in September 1989.~~

p. 2

ECB

Reappointment of Regent Clusen to Wisconsin Educational Communications Board, p. 2

The reappointment of Regent Clusen to the Educational Communications Board (ECB) was announced by Regent President Schilling, who noted that Regent Clusen had served for the past four years as the regent representative on that board. The 16-member ECB consists of four members of the Wisconsin Legislature, representing each party and house, citizen members and representatives of public and private primary and secondary education, broadcasting support groups, and representatives of the State Department of Public Instruction, the VTAE System, the UW System President, and the Board of Regents.

Regent Clusen, Regent Ruth - Reappointed to ECB, p. 2

Regent Schilling stated that, as regent representative, Regent Clusen discharged her ECB responsibilities with dedication and distinction as demonstrated by her election as vice chair of that board. She was first appointed by Regent President Ben Lawton in 1985. Regent Schilling expressed appreciation to Regent Clusen for her service and leadership on the ECB.

Stating that she was pleased to continue serving on the ECB, Regent Clusen commented that resources in the field of telecommunications had not kept pace with growing demand. It would be increasingly important for the university to work closely with the entire public broadcasting field.

Hospital - Council of Trustees

*Report on long-range planning and on
lease of space for sports medicine
and Fitness Center*

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

pp 3-4

Regent Flores, Chair of the Council of Trustees, reported on the February 9 meeting, noting first that the council welcomed Eloise Anderson, Director of the Division of Community Services at the Department of Health and Social Services, who joined the council as a public member.

Superintendent Derzon reported to the council that January was a positive month for both inpatient and outpatient activity, with admissions up ten percent and clinic visits up 13 percent over last year. The superintendent noted that surgical activity had been particularly strong, with more than 1,100 surgical procedures performed in January alone.

Peter Christman, Director of Finance, reported that the hospital expected to end the fiscal year in a favorable financial position. However, he noted that already substantial shortfalls in reimbursement from Medicare might increase significantly in the coming year if the federal government reduced its support for indirect costs of medical education. Medicare cuts proposed in the President's budget could mean a loss in revenue to the hospital of \$3.3 million in the next fiscal year.

Vice Chancellor Noren reported the appointment of a steering committee to address governance and long-range/strategic planning for the Center for Health Sciences, with particular focus on the hospital. The committee was charged with addressing important issues concerning strategic decision-making affecting clinical departments, needs for dedicated research space, and collaboration between the School of Nursing and hospital nursing service, along with medical center-wide issues, particularly teaching, research and service interrelationships among the Schools of Medicine, Nursing, Pharmacy, Allied Health and the University Hospital. Chaired by Dr. Noren, the committee was comprised of Regents Flores and Weinstein, Vice President Poellnitz, the four health science deans, four chairs of clinical or basic science departments and the director of nursing. The initial meeting was to be held the following week, and the committee expected to complete its work next fall.

The council recommended approving renewal of the clinic lease at the Sports Medicine and Fitness Center, pending review of relevant financial information prior to its presentation at the March meeting of the Board of Regents.

Dr. Joseph Sackett, Chairman of the Radiology Department, reported on that department's dramatic growth and progress over the last 15 years. Due to remarkable advancements in imaging technology, such as CT scanning in the 1970s and magnetic resonance imaging in the 1980s, the department had significantly expanded its clinical, research and training programs. Dr. Sackett noted that the UW had established a national reputation in the fields of medical physics, neuroradiology and interventional radiology.

Dr. Carl Getto, Associate Dean/Director of Clinical Affairs, provided an update on quality assurance programs and presented new medical staff appointments for approval.

In response to a question by Regent Nikolay, Dr. Noren explained that medical physics consists of research on the use of nuclear-magnetic resonance and other kinds of medical technology for application to medicine and diagnostics.

Chancellors

→ Resolution of Commendation, UW-Stevens Point Chancellor Marshall, R 5141, P. 4

Regent Nikolay presented Resolution 5141 and moved its adoption by the Board of Regents. The motion was seconded by Regent Hanson and unanimously carried.

Resolution 5141: Whereas, Philip R. Marshall has been the chief administrator of the University of Wisconsin-Stevens Point since his appointment as Chancellor in 1979; and

Marshall, Chan, Philip R. - Resolution of commendation, R 5141, P. 4

Whereas, on January 6, 1989, he retired from the chancellorship after nearly a decade of dedicated service; and

Whereas, under his leadership, UW-Stevens Point has sustained and enhanced its reputation as a higher educational institution of excellent quality; and

Whereas, UW-Stevens Point is nationally recognized for strong and innovative programs in such areas as natural resources, paper science, writing emphasis, computer access, and health promotion; and

Whereas, in addition to his commitment to academic quality, Philip Marshall also has been recognized for his commitment to shared governance within the university, for his special interest in student activities, and for his achievements in the area of community service; and

Whereas, Helen Marshall has served as an active and loyal partner in these endeavors and has contributed much to the advancement of UW-Stevens Point;

Therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby recognizes Philip R. Marshall for his contributions to higher education in Wisconsin, expresses appreciation to the Marshalls for the service they have rendered to UW-Stevens Point and the UW-System, and wishes them well in the years to come.

UW-Stout Staff

Announcement regarding Inauguration of Chancellor Sorensen, UW-Stout p. 5
Chancellors - Inauguration of UW-Stout Chancellor Sorensen p. 5

It was announced by Regent President Schilling that inaugural ceremonies for Chancellor Sorensen would be held on Saturday, May 6, and that the Board of Regents had been asked to join UW-Stout in sponsoring the event. All regents would be included in the list of those invited to participate.

Budget

Comments on the Governor's Budget, p. 5

Regent President Schilling thanked Governor Thompson, Secretary Klauser and Budget Director Chandler for the great amount of time and attention they devoted to the UW System's needs. Vice President Lyon and he, as well as President Shaw, spent considerable time talking with the Governor and his staff regarding those needs. "In my judgment," he stated, "we did very well in the Governor's budget and I want to thank the Governor and his staff for acknowledging, within the restraints of scarce resources, our priorities and going a long way toward meeting them."

Xref Governor - (same)

One item included in the Governor's budget, Regent Schilling noted, was a college bond program much like the proposal forwarded by the Board of Regents. Recalling that there had been concerns as to how it might be targeted to accomplish the desired effect, he credited the Capital Finance Director for his efforts in devising a mechanism whereby interest paid on college savings bonds would be excludable from an individual's state income tax return but not from a corporation's, a provision which should help to target the bonds for individual savings rather than for institutional investment.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

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

Resolution 5142: 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.

Minutes

Implementation of Design for Diversity, pp 5-7

Noting that one aspect of *Design for Diversity* involved getting the message to young people as to the importance of higher education,

Xref Design for Diversity - (same)

President Shaw reported that Vice President Bornstein and Dr. James Sulton had been developing an innovative media campaign directed to minority middle and high school students in southeastern Wisconsin. Referring to a recent report called, "Changing America: The New Face of Science and Engineering," which bemoaned the condition of students' preparation in science and mathematics, President Shaw said the report pointed out that the entertainment industry--television, radio, movies, music--had an enormous impact on the minds and imaginations of youth. While some entertainment stimulates interest and awareness in math and science, much of it sends negative messages. The report asserted that efforts to improve national mathematical and science achievement would not be successful unless the entertainment industry assisted in bringing more young people to the educational pipeline. The purpose of the media campaign, which was to run on MTV and other youth-oriented outlets, would be to communicate to young people that higher education is a realistic and worthwhile goal if students make a commitment to study hard, take the right courses, and maintain reasonable academic standards. The spots would highlight success stories of young men and women who followed that academic path in high school and were now successfully pursuing their education at UW System campuses. They also would provide firsthand assurance that financial aid is available for those who could make the grade in high school and who are determined to get a college education.

While some nonstate funds to help support quality production of the media campaign had been identified, it was clear that help would be needed from the private sector to make it successful. To that end, Dr. Bornstein and Dr. Sulton had consulted with Regents and others as to where inquiries might be made about private sector contributions.

As the first of an expected number of corporate friends and supporters of this outreach effort, Mr. Obrey Smith, director of marketing relations for the Miller Brewing Company, was present at this meeting to signal his firm's support of *Design for Diversity* by presenting a check for \$25,000. In addition to their generous corporate contribution, Miller also made available the services of its corporate advertising department to help secure the best media placement for this campaign. President Shaw then recognized Mr. Smith and thanked him for the generous support of his organization.

Mr. Smith stated his pleasure in making this check presentation on behalf of the Miller Brewing Company and in extending the services of Miller's advertising department for this very worthy cause. Noting that Miller was one of the first companies to support UW-Milwaukee's Minority Academic Excellence Program, he said the firm hoped that this initial contribution of \$25,000 would be the impetus for other corporations around the state to become involved.

With regard to student success in science and mathematics, Regent Grover commented that it was necessary to consider the quality of teaching in those subjects in order to stir enthusiasm in children. He was considering the possibility of another credit in each area for minimum high school graduation requirements and felt the university could be helpful in the area of admission requirements.

At this time, a million dollars was being used in Wisconsin to train teachers in the areas of science and mathematics. Also needed would be customized programs to meet the needs of the individual teacher to enhance skills and abilities. With help from the universities, he hoped that \$2 million could be obtained to strengthen teacher education programs, with more collaboration between general studies and schools of education in special science and math programs to make teachers more effective in the classroom. These were the types of efforts that would be necessary to raise science and mathematics proficiencies at all levels.

Announcing publication of *Achieving Faculty Diversity: A Sourcebook of Ideas and Success Stories*, President Shaw described it as an outstanding handbook of principles and feature stories gathered from 55 leading colleges and universities throughout the country. The book, which dealt with ways to recruit faculty and staff in today's environment, was a major project of the System's Equal Opportunity Office, under the direction of Dr. Marian Swoboda, helped by a large number of people on campuses and within System Administration. It was to be distributed within and outside the UW System to assist campus groups in their recruitment and retention of minority faculty and staff.

The publication highlighted the special responsibilities of campus administrators and the need to identify and deal with negative attitudes that typically block progress. It also presented innovative procedures, programs and strategies that had worked in other places.

Budget →

→ Report on Governor's Budget, pp 7-10

Commenting on the Governor's budget, President Shaw stated that Governor Thompson had been very supportive and had taken much time to listen to the UW System's needs. Referring to a series of 16 photos on the wall of the meeting room, he noted that they were illustrative of new initiatives which were funded by state government over the last biennium, including distinguished professorships, new faculty positions, the computerized credit transfer matrix, laboratory modernization, and research and public service initiatives. At six regional events held throughout the state during the last few months, which were attended by 71 legislators, these photos were displayed as a means of indicating tangible results and appreciation for the state's investment in the UW System.

Xref Governor - (same)

Looking to the future, President Shaw thanked Regent President Schilling and Vice President Lyon for their leadership in communicating the UW System's needs to the Governor and his staff, noting that their involvement and that of other regents was important in helping to convince the Governor to include in this budget a number of major priorities. He expressed appreciation to Governor Thompson and his staff for their time and support.

Overall, the Governor's recommendations would fund a very large percentage of the Board of Regents' program requests once full funding of

catch-up was achieved by the end of the biennium. This high level of support demonstrated confidence that the board's proposals were high priorities and austere requests. In response to the principal priority of faculty and academic staff catch-up pay, the Governor's budget provided funds to allow faculty salaries to reach the midpoint of their peer groups. The 3.6 percent annual increases above pay plan for faculty would be phased in, with 50 percent to be effective on January 1, 1990, 25 percent on July 1, 1990 and 25 percent on January 1, 1991. The Governor also recommended academic staff catch-up adjustments that would provide 2.4 percent annually above pay plan, with the expectation that in allocating these increases the Board of Regents would give priority to research and instructional staff most affected by market conditions.

Noting that the Governor's recommendations for competitive keep-up pay would not be known for some time, the president added that the importance of competitive annual pay would continue to be emphasized in order to avoid having to request catch-up pay every biennium.

Within the second priority, *Design for Diversity*, the Governor's budget would fund the financial incentive program for freshmen students at about half of what was requested and would provide an important increase of over nine percent in the biennium for the AOP program for graduate and professional students. Other priorities in the Governor's budget included full funding of the request for library acquisitions, about a third of the request for critically needed supplies and expense funds, \$770,000 in the second year of the biennium for centers of excellence, all of the requested \$2.1 million in special fees for master's degree business students, nearly three-quarters of the funds requested for the business education strategic plan, and about half of the funds requested for increasing general student access to computers.

In the research and public service area, the Governor recommended \$2.7 million in new funding--about 45 percent of the request. Some of that funding would be earmarked for agricultural research for a university linkage with Super Computer Systems, Inc., in Eau Claire, for distinguished professorships, for groundwater research and for rural development and extension initiatives. Additional funds also were recommended for biotechnology research, but they were placed in a competitive start-up fund to be administered by the Department of Development. In the area of telecommunications, the Governor recommended funding of a statewide strategic planning initiative. In addition, half of the management information system request and partial funding for WHA capital equipment was recommended.

Among items not included in the Governor's budget were some areas of *Design for Diversity*, funding for alcohol and drug abuse counselors, and more funding for supplies and equipment. Overall, however, President Shaw felt it had been a very positive budget session thus far.

Regent Weinstein expressed appreciation to the Governor and to President Shaw, Regent President Schilling and Vice President Lyon for their efforts. He was concerned, however, about the need for more funding

for *Design for Diversity*, which addressed a very serious problem to which the Board of Regents had given a great deal of attention. Considering the magnitude of the problem, he felt the Board's budget was a modest one.

He also was concerned about the growing lack of supply and expense funding, which presented an increasingly serious problem. While he felt the Governor had started the budget process in a positive way, he hoped the Legislature would further address at least those two issues.

Regent Nicholas referred to the Governor's proposed scholarships for top high school students. He asked how this program related to one which the Board had adopted on a trial basis.

Noting that the pilot program had used private funds to grant tuition scholarships to students who were Robert Byrd fellows, President Shaw explained that the one-year pilot program did not appreciably change the interest in coming to UW System institutions and that by the time students received notification of the Robert Byrd awards, many already had made their college choices. Adding that Superintendent Grover's staff had been helpful in assessing results, he cited an evaluation by a UW-Madison class which suggested it would be necessary to begin much earlier in order to have a significant impact on these kinds of students. Therefore, it had been decided not to make a budget request to continue the program. He thought, however, that the Governor's proposal was a good idea and was compatible with Board of Regents' goals.

Regent Nicholas stated his understanding that the position would be to support the principle of the Governor's initiative.

Regent Doughty Luckhardt felt the Governor had been overly generous to the UW System in his budget. It was her view that he expected the UW System to achieve some economies through reallocation or elimination of outdated programs.

Regent Gundersen agreed with Regent Weinstein's comments concerning funds for the *Design for Diversity*, which was the product of great effort, and with the concern about an adequate budget for supplies and expenses.

While he was grateful for the amounts included in the budget to implement *Design for Diversity*, Regent Flores was disappointed that some areas of that request either were reduced or not funded, particularly since *Design for Diversity* had been an important focus of the Board of Regents and the entire UW System. While he did not wish to offend the Governor, who had been generous in the face of many competing demands, he thought the Legislature should be urged to augment the amount provided in the budget.

Regent Fish noted that the Board of Regents had made its budgetary positions known and that the Governor and Department of Administration had generally been responsive. Instead of asking the Legislature for increases, he suggested looking for means to reallocate funds for items such as the *Design for Diversity*, or requesting more funding in the annual budget review.

With regard to the special scholarship program, he asked whether, by the time the class valedictorian was identified, the application deadlines for schools that student might want to attend would be past.

President Shaw replied that valedictorians usually were chosen after the first semester of the senior year. At that point, the students might have applied to a number of institutions, and this program might prompt them to choose the UW System.

In response to a question by Regent Fish about a new provision in the State Ethics Law, Vice President Bornstein explained that it would not violate the law to promote the budget requests submitted by the Board. However, it would be in violation to ask for more than was included in the budget request for a given item.

Regent President Schilling explained that the new law applied not only to regents and administrators, but to officials and employees of all state agencies. He had asked President Shaw to have faculty and staff notified of the legal requirement.

Regent Weinstein stated his understanding that the Board of Regents' position was to support its entire budget request, not only those portions included in the Governor's budget.

As a pragmatic matter, President Shaw indicated that his first goal would be to make every effort to preserve what was in the Governor's budget. If legislative colleagues, consistent with the Board's intent, wished to add more, that would be well received.

Regent President Schilling confirmed that, while the Board would want to preserve what was provided in the Governor's budget, the Board's entire request would be pursued.

new?

Waterwater -

Presentation on Coordination of Wisconsin Groundwater Research Efforts, pp 10-14

Introducing the topic, President Shaw noted the importance of groundwater research to the state and called upon Mr. Lyman Wible, Chair of the State Groundwater Coordinating Council, and Mr. Orlo Ehart, Chair of the UW System Groundwater Research Advisory Council, to make presentations.

Xref Research - (same)

Mr. Wible defined groundwater as the subsurface water which fills openings or voids in soil and rock. Below the water table, there is a saturated zone in which all voids are filled with water. In Wisconsin, the depth of that water table ranges from zero to hundreds of feet below the land surface. Groundwater moves from the upland areas where there is recharge, into the lower areas where there is discharge. Discharge occurs to streams, lakes and wetlands. It also is withdrawn from the groundwater system by wells.

Wisconsin has abundant groundwater which is relied upon by 70 percent of state residents for their water supply source. It is used for dairy farming, crop irrigation, food processing, truck gardening, food and beverage industries, and pulp and paper production. In addition, the tourism industry is heavily dependent upon groundwater. As stated by State Representative Stan Gruszynski, protecting groundwater is an investment in Wisconsin's economic future.

Because of the importance of groundwater in Wisconsin, there has been growing concern about contamination. The many sources of contamination which can affect the quality of the groundwater include landfills, of which there are about a thousand in this state; septic tanks; salt storage tanks; and chemical storage facilities. There are more than 400 leaking underground storage tanks, and about 1,000 chemical or petroleum spills are reported annually in Wisconsin.

There are multiple sources of potential contamination within a mile of every home, whether in an urban or rural area. There also are contamination sources close to all public water supplies. Groundwater movement causes diffusion of pollutants, constantly increasing the cost and difficulty of control or clean-up.

As to specific contamination problems, Mr. Wible referred to aldecarb, a pesticide used in the central portion of the state on highly porous soil for potato production. There are numerous exceedances of the aldecarb concentration over the drinking water health standard and numerous cases of pesticide contamination around the state.

There also is contamination from volatile organic compounds--industrial solvents or industrial organic materials. While it had been thought that Wisconsin's problems were primarily from pesticides, it now is thought that industrial and organic compounds are the more frequently occurring problem. These may come from petroleum spills, from landfill leakage, from hazardous waste spills or from other situations.

Once contamination has occurred, Mr. Wible pointed out, it is virtually impossible to clean the groundwater to the degree of restoring purity. Even the investigation of the extent of contamination is very costly.

To protect groundwater, Wisconsin Act 410, the Wisconsin Groundwater Law, was adopted by the Legislature in 1984. Under this law, the Department of Natural Resources was charged with setting groundwater standards. Second, the law established a compensation program for people whose wells are rendered unusable by contamination. Third, it established an environmental repair program for spills, dumps, and other contamination situations. Fourth, it established a certification program to verify that all laboratories in the state are of high quality.

Act 410 also gave additional responsibilities to the other state agencies. The Department of Health and Social Services was charged with establishment of health standards and the development of health advice. The Department of Agriculture, Trade and Consumer Protection was charged

with responsibilities for both pesticide and fertilizer storage regulation and with continuing enforcement of pesticide regulations. The Department of Industry, Labor and Human Relations was given an important role in the control of underground storage tanks and septic tanks. The Department of Transportation was given responsibility for highway salt storage, proper salt use and application.

The statute also established the Groundwater Coordinating Council, a council of state agencies to coordinate nonregulatory activities "in the exchange of information related to groundwater, including but not limited to agency budgets, groundwater monitoring, data management, research activities and the appropriation and allocation of state funds for research." The council's membership includes a representative of the president of the UW System and the secretaries of the other state agencies.

During the past two years, the council had been working with the university on the importance of groundwater research and the need to seek resources to fund that research. Vice President Trani met with the Groundwater Coordinating Council in October 1987 to discuss a proposal for the UW-Madison Water Resources Center to serve as the central coordinating body for groundwater research and for creation of the Groundwater Research Advisory Council.

Mr. Wible commented that UW System Administration, Chancellor Shalala and the faculty members involved had moved effectively to coordinate different campus perspectives in budget development and liaison with state agencies. The council was grateful for the university's cooperation, for the Board of Regents' support of the budget request for groundwater research, and for the Governor's acceptance of a portion of that recommendation.

The decision item narrative had been reviewed and unanimously endorsed by the state agencies involved. This was in accordance with the statutory role of the coordinating council in advising on research priorities and long-range research plans. Secondly, the council desired an advisory role, where appropriate, on specific projects in order to assure that there was good coordination among state agencies.

The objective was to develop a process for matching the state's research needs to the talent pool and the research opportunities of the university, with respect for academic tradition and for the autonomy of researchers, all the while recognizing that state priorities could be a positive force for directing research, rather than a negative force in stifling the creativity of the researchers.

Mr. Ehart's comments focused on the advisory council appointed by Chancellor Shalala to look at the state's research needs as they relate to the UW System's ability to meet those needs. The council consists of representatives of four UW System campuses, a power company official, an industrial consultant, three lawyers with environmental backgrounds, and representatives of the UW System Administration, the Sea Grant Program and the Water Resources Center.

The Advisory Council was given a two-fold mandate to develop a long-range plan and to formulate a budget request. The council also was working closely with extension personnel as to outreach capability for disseminating research results.

Because clean-up of groundwater is prohibitively expensive, the focus of groundwater protection must be on preventing contamination. In addition to contamination from volatile organics and pesticides, there is concern about nitrate contamination which is being found in many areas of the state. Noting that the state authority to regulate nitrate contamination is unclear, Mr. Ehart saw this area as an important one for university involvement.

With regard to the economic impact of groundwater problems, he commented that it would be necessary to seek solutions that would not disadvantage Wisconsin farmers or industry.

Another challenge of the groundwater issue is its many facets which include industrial practices, public health, agricultural practices and pesticide usage, engineering and geology. Along with the funds provided in the biennial budget, it would be necessary also to obtain federal and private monies.

Regent Flores asked how much of the groundwater research request was included in the Governor's budget and the effect of the reduction on research plans.

Mr. Ehart replied that the Governor's budget recommended \$500,000 of the one million dollar biennial request. The effect would be smaller grants and a need for more matching monies. It would be necessary to reevaluate priorities in view of what was provided.

In response to a further question by Regent Flores, Mr. Wible defined radon as a colorless, odorless gas formed in the decomposition of uranium. It is a problem in some homes, above certain geologic formations, in that it is believed to contribute to formation of cancer. Research on radon is not being done in Wisconsin, but it is being conducted at the national level by the Center for Disease Control, the Environmental Protection Agency and the Nuclear Regulatory Commission. Because it could come from groundwater and affect water supplies, it is potentially an important groundwater-related problem. The risk of cancer from radon might, in extreme cases, be one chance in a thousand or even one chance in one hundred, whereas groundwater standards generally are one in a million for an individual substance. On the other hand, with compound substances and synergistic effects, the number could be much higher, although there were no risk tables computed for those situations. Mr. Wible and Mr. Ehart participated with a risk management group for the Institute of Environmental Studies to address how the university and state agencies could best coordinate response to these general environmental risk issues.

In reply to a question by Regent Fish, Mr. Wible said that all water underground which is reachable by wells is defined as groundwater. Mr.

Ehart added that there are three zones: the root zone, the unsaturated zone and the saturated zone. Water in the unsaturated zone and above is not generally considered groundwater. Aquifers, from which water could be extracted, and water in areas below aquifers are considered to be groundwater. Mr. Wible explained that the complex geology of Wisconsin includes layered aquifers of sandstone, dolomite, sand and gravel.

Regent Lyon noted that one often-voiced problem was the issue of standards. While standards were mandated by the Legislature, it was then indicated that there was not sufficient research to back up certain standards. He asked if research was being directed toward the problem and if definitive answers were expected to be found.

Mr. Ehart replied that, for the particular compounds to which Regent Lyon referred, there was not additional data available at this point. The federal government knew of the dilemma, and it was hoped that they would establish a federal number to result in a higher level of security.

Regent Gerrard asked if radon is universal across the state or exists in greater amounts in certain areas.

Mr. Wible replied that, based on sampling available so far, there are greater amounts in certain areas, such as the central and eastern parts of the state. However, geology does not provide a definitive clue as to where high concentrations of radon will be found. The radon issue had received public exposure only in the last three years.

Mr. Ehart predicted that the housing and insurance industries would drive the need for answers to many groundwater problems. Lenders were beginning to require knowledge of whether or not there is contamination of groundwater before pursuing sales of houses.

Regent President Schilling thanked Mr. Wible and Mr. Ehart for a most interesting presentation.

REPORT OF THE EDUCATION COMMITTEE

Stating that the first two agenda items were considered at a joint meeting of the Education Committee and the Business and Finance Committee, Chairman Grover presented the report of the committee.

Faculty Report on Use of New Instructional Positions and Faculty Workload *R 5143, pp 14-15*

Resolution 5143, which was unanimously approved by the committees, was moved by Regent Grover, seconded by Regent Nikolay, and adopted unanimously by the Board of Regents.

Xref [?] Staff - (same)

Resolution 5143: That the Report on Use of 1987-89 Instructional Positions, including the Review of Position Use and other related Information and the Report on Faculty Workload in the University of Wisconsin System be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by the Joint Committee on Finance in September, 1988 under section 13.10 of the Wisconsin Statutes.

Regent Weinstein requested that the Education Committee minutes show that in the committee meeting he had asked President Shaw if he could supply comparable information which would show the relationship between credit hours and instructional faculty at peer institutions. President Shaw had responded that he would provide that information.

Fees -

Report on Restructuring Tuition, R 5144, pp 15-17

Reporting on committee consideration of the report on restructuring tuition, Regent Grover stated that there was an amendment adopted on a 9-3 roll call vote, to replace the words "a per credit" in paragraph 2, line 2, with the phrase "other than the one above" and to replace the words "a per credit" with "such" in line 5.

Xref Credits - (same)

The resolution, as amended, was then approved by the committees with Regents Clusen and Hanson voting "No."

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

That, upon the recommendation of the President of the University of Wisconsin System:

- 1) that as a general UW System policy the 12-18 credit plateau tuition structure be adopted;
- 2) that if an institution determines that a structure other than the one above better addresses local circumstances, the institution would be permitted to seek approval from the Board of Regents to adopt such structure;
- 3) that the Report on Restructuring Tuition be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by the Joint Committee on Finance in September, 1988 under section 13.10 of the Wisconsin Statutes.

Regent Hanson stated that she had voted against the amendment and resolution in committee because it seemed to her the amendment was passed without full consideration of its ramifications. She intended to vote against the resolution at this meeting as well.

Regent Clusen also opposed the amended resolution on the basis that it would permit discussion of any kind of tuition structure, which she did not believe was the Board's intent nor the intention of the Legislature. For those reasons, she would vote against the resolution again at this meeting.

Although it was not the intention of the Board of Regents to change the structure, Regent Weinstein noted, there were legislators who believed it should be changed. He supported the amendment as an attempt to address that reality.

Regent Flores moved to delete paragraph two of the resolution, and Regent Jarvis seconded the motion.

Regent Clusen stated that she supported deleting the paragraph, and if the motion passed, she would move to insert the original paragraph 2 as presented by President Shaw.

Regent Nicholas stated his agreement with Regent Clusen.

Regent Jarvis explained that his reason for wanting the paragraph deleted was his belief that the provision would put too much pressure on chancellors to deal with requests for change.

Regent Weinstein recalled that President Shaw had said at the committee meeting that the amendment was acceptable to him.

Noting that chancellors were expected to make hard decisions, President Shaw added that, although he did not expect many attempts to make changes, he would find it appropriate, given the structure of the system, to consider such initiatives by individual institutions. For that reason, he had supported the resolution as amended in committee.

Regent Fish added that he, too, had received assurance from President Shaw that he detected nothing harmful in the amended resolution. With that assurance, Regent Fish thought that it served the intended purpose and that it would not put undue pressure on the chancellors. If an idea for a better way to charge tuition were developed, he commented, it should be brought to the Board. He noted that many institutions of higher learning had varied tuition programs and that there was no agreement as to any one formula that was considered a perfect solution.

The amendment passed on a roll call vote, with Regents Clusen, Davis, Flores, Gundersen, Hanson, Jarvis, Nicholas and Nikolay voting "Aye" (8) and Regents DeLong, Doughty Luckhardt, Fish, Grover, Lyon, Schilling and Weinstein voting "No" (7).

Regent Clusen then moved to amend the resolution by inserting paragraph 2 as originally presented to the Education Committee:

- 2) that if an institution determines that a per credit structure better addresses local circumstances, the institution would be permitted to seek approval from the Board of Regents to adopt a per credit structure;

The motion was seconded by Regent Nicholas.

Regent Lyon, who had proposed the amendment approved in committee, indicated that he would support this amendment also. His intent had been to broaden the scope of what could be considered beyond a single structure, and the amendment before the Board would provide some opportunity to do that.

- Vice President Lyon presiding -

Regent Schilling stated that he also would vote for the amendment because it addressed a point the Board wished to make. While paragraph 1 stated the position of the Board of Regents, paragraph 2 stated that consideration of a per credit structure would not be precluded, which was responsive to legislative intent.

- President Schilling presiding -

The amendment was adopted on a voice vote.

Put to the vote, the resolution as amended was then adopted, with Regent Jarvis voting "No."

Resolution 5144: That, upon the recommendation of the President of the University of Wisconsin System:

- 1) that as a general UW System policy the 12-18 credit plateau tuition structure be adopted;
- 2) that if an institution determines that a per credit structure better addresses local circumstances, the institution would be permitted to seek approval from the Board of Regents to adopt a per credit structure;
- 3) that the Report on Restructuring Tuition be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by the Joint Committee on Finance in September, 1988 under section 13.10 of the Wisconsin Statutes.

Report of the Vice President*Moscow State Univ.*Introduction of Professor Boris Notkin

Continuing the report of the Education Committee, Regent Grover stated that Vice President Trani introduced Boris Notkin, a professor from Moscow State University and a Moscow television commentator, who was a visiting Fulbright Scholar at UW-Madison this term, *p. 18*

*Business*Enhancement of Business Programs, *p. 18*

Dr. Trani reported that the proposals for supplemental funding for the enhancement of programs and schools of business would be on the agenda of the May meeting.

Strategic Planning Update

An update was given by Vice President Trani on the status of strategic planning in engineering and technology, libraries, and agriculture and natural resources.

*Academic Programs*Authorizations to Implement New Programs (initial review), *p. 18*

The Education Committee was presented with initial review of three requests for authorization to implement new programs: B.S., Pharmaceutical Sciences, UW-Madison; Pharm.D., UW-Madison; and Bachelor of Social Work (B.S.W.), UW-River Falls. These programs were to be returned to the agenda of the March meeting for formal action.

As a correction to the summary minutes of the Education Committee, Regent Weinstein asked that the minutes reflect not only that concern was expressed about the planning process, but also that the committee would be provided with documents that set forth that planning process and any relevant Board of Regents action, so that the process could be reviewed. It was agreed that the minutes should so state.

*Academic Programs*Five-Year Review: M.S./Ph.D., Environmental Monitoring, UW-Madison *R 5145*

Resolution 5145, which was unanimously approved by the Education Committee, was moved by Regent Grover, seconded by Regent Davis and adopted unanimously by the Board of Regents. *p. 18*

Resolution 5145: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the M.S./Ph.D., Environmental Monitoring, be continued, with the understanding that the program will be placed within that institution's normal academic review process.

Academic Programs

Five-Year Review: M.S., Manufacturing Systems Engineering, UW-Madison R 5146, p. 19

The following resolution, which was approved unanimously by the Education Committee, was unanimously adopted by the Board of Regents, upon motion by Regent Grover and seconded by Regent Davis:

Resolution 5146: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, M.S., Manufacturing Systems Engineering, be continued, with the understanding that the program will be placed within that institution's normal academic evaluation process.

Academic Programs

Five-Year Review: M.S., Hospitality and Tourism, UW-Stout R 5147, p. 19

Regent Grover moved Resolution 5147, which was unanimously approved by the Education Committee. The motion was seconded by Regent DeLong and adopted unanimously by the Board of Regents.

* Xref UW-Stout - (same, but drop "UW-Stout")

Resolution 5147: That, upon recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the M.S. in Hospitality and Tourism be continued, with the understanding that the program will be placed within that institution's normal academic review process.

Academic Programs

Five-Year Review: B.A./B.F.A., Film, UW-Milwaukee R 5148, p. 19

It was moved by Regent Grover, seconded by Regent DeLong and unanimously carried that Resolution 5148 be adopted.

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

Resolution 5148: That, upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the B.A./B.F.A. in Film be continued, with the understanding that the program will be placed within that institution's normal academic review process.

Awards

Announcement of 1989-90 Faculty Development Awards p. 19

Regent Grover reported that the Education Committee received the announcement of the 1989-90 faculty development awards. The 24 projects were to receive a total of \$171,685 of matching funds from System Administration. Included were five projects totaling \$35,930, which were approved as *Design for Diversity* proposals.

Honorary Degrees

Approval of Guidelines for Awarding Honorary Degrees: UW-Green Bay and UW-Parkside, p. 20

Reporting on consideration of this item, Regent Grover noted that in April 1988, the Board of Regents authorized the regional universities to offer honorary degrees, once their procedures and guidelines had been approved by the Board. While documents for three institutions were included with agenda materials, UW-Oshkosh subsequently asked that their request be deferred.

X ref UW-Green Bay - (same)

The committee felt that the documents were confusing, repetitious, needed common formats, should properly reference regent policy and should list only those procedures which applied to the individual institution. It was decided to table the subject until the March meeting.

X ref UW-Parkside - (same)

Information Report on Integration of Extension Function, p. 20

UW-Extension

The Education Committee received a status report on this matter, which was to be returned for consideration at the April meeting.

Credits

Information Report on Transfer Issues within the UW System, p. 20

X ref UW Centers - (same)

Regent Grover reported that the Education Committee received the information report and was advised that recommendations on transfer issues would be brought to the Board of Regents later in the spring.

Admissions

Information Report on Admissions Criteria and Exceptions, p. 20

The report presented to the Education Committee showed that only 1.4 percent of enrolled new freshmen last fall were in the exceptions/nontraditional admissions category, significantly below the five percent ceiling recommended by Governor Thompson in 1987.

Authorization to Recruit

Authorization to Recruit, Chancellor, UW-Oshkosh, R 5149, p. 20

Upon motion by Regent Grover, seconded by Regent Nicholas, Resolution 5149, which was unanimously approved the the committee, was unanimously adopted by the board.

Resolution 5149: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents approves the request for Authorization to Recruit for a Chancellor of the University of Wisconsin-Oshkosh.

UW-Oshkosh - Staff -

(same, but dep "UW Oshkosh")

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Nicholas presented the committee's report.

Closed Session

The Business and Finance Committee met in closed session to consider trust fund matters, as permitted by s. 19.85(1)(e), *Wis. Stats.* In that meeting, the committee interviewed three equity managers, who had been investing UW System assets for about five months. While the results were preliminary, it was felt that performance to date was satisfactory.

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

Regent Nicholas reported that, in the open session meeting, the committee first reviewed a report which showed that total gifts, grants and contracts for the seven-month period ending January 20, 1989, were \$244.3 million, or \$41.8 million more than the same period last year. A \$22 million increase in research and a \$17.1 million increase in student aid accounted for the majority of the increase. Of the \$41.8 million total increase, federal funds accounted for \$33.9 million, \$18.9 million in research and \$17.2 million in student aid, offset by a \$2.7 million decrease in instruction.

The non-federal share increased by \$7.9 million, with \$3.1 million in research, \$2.1 million in extension and \$1.7 million in miscellaneous gifts being the most significant changes.

EBASCO - Grant accepted, R 5150, p. 21

Regent Fish asked that all regents be made aware of the Ebasco grant included as Item Number 181 on the February report (page 41).

Financial Aid - Report on comparison of 1987-88 + 1988-89 federal allocations
At the request of Regent Fish, Associate Vice President Marnocha provided a comparison of federal financial aid allocations received in 1988-89 with federal allocations received in 1987-88. *p. 21*

In discussion at the Board of Regents meeting, Regent Fish pointed out that the figures showed an increase of about 15 percent in federal student aid from 1987-88 to 1988-89. This was a significant increase, he noted, and resulted in the highest aid level ever received.

Upon motion by Regent Nicholas, seconded by Regent Jarvis, the following resolution, which was unanimously approved by the committee, was adopted by the Board of Regents, with Regent Davis abstaining from the vote.

Resolution 5150: 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.

Requests →

Bequest of Elphia Flugum Fritts, R 5151, P. 22

Upon motion by Regent Nicholas, seconded by Regent Fish, the following resolution, which was unanimously approved by the committee, was adopted unanimously by the Board of Regents:

Fritts, Elphia Flugum - Bequest accepted, R 5151, P. 22

Resolution 5151: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of University of Wisconsin-Madison, the bequest of the late Elphia Flugum Fritts, Stoughton, 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 McArdle Cancer Research Laboratory.

(The bequest under the will provided that upon the termination of the trust created in the will one-half of the trust balance be given to the McArdle Cancer Research Laboratory, located at Madison, Wisconsin.)

\$125,000.00 has been received and will be used for cancer research.

Requests →

Bequest of Willard W. Hodge, R 5152, PP 22-23

Regent Nicholas moved adoption by the Board of Regents of Resolution 5152, which was unanimously approved by the committee. The motion was seconded by Regent Jarvis and carried unanimously.

Hodge, Willard W. - Bequest accepted, R 5152, PP 22-23

Resolution 5152: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of UW-Madison, the bequest of the late Willard W. Hodge, Pittsburgh, Pennsylvania, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will, and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the Chemistry and Chemical Engineering departments.

(The bequest under the will reads as follows:

One-sixth (1/6) thereof to the University of Wisconsin, Madison, Wisconsin, to be held by the said university in trust to establish one or two scholarships. To pay out of the income thereof the tuition, laboratory fees and incidental fees for one or two students of chemistry, chemical engineering or divinity.

The University will receive approximately \$113,000.)

Fees, Segregated -

Report on Definitions of Allocable/Non-Allocable Segregated Fees, p. 23

Regent Nicholas reported that the Business and Finance Committee received a report on definitions of allocable and non-allocable segregated fees.

Audits -

Quarterly Internal Audit Report, p. 23

Director of Internal Audit Brunkow outlined for the committee the audits which were completed in the second quarter of 1988-89. Audits currently in process included cash handling at UW-Whitewater, housing at UW-Madison and UW-Milwaukee, physical plant at UW-Stout and UW-Platteville, and fleet and stores at UW-Stout.

On other audit matters, Vice President Poellnitz indicated the Legislative Audit Bureau audit of the UW-Madison Athletic Department was to be completed in mid-February and would be a topic on the March agenda.

The co-chairs of the Joint Committee on Audit approved conducting an audit of faculty and academic staff catch-up. They were asking for an analysis of: 1) Whether the university allocated the 1985-86 and 1986-87 faculty catch-up raises using reasonable criteria and in a manner to ensure that the state remained competitive; 2) Whether the pattern of faculty leaving the university system appeared to have been materially affected by the last round of faculty catch-up raises; and 3) How salary needs of faculty were similar to or different from salary needs of academic staff. The LAB was to attempt to complete its work within 60 days.

It was reported that the findings of two U.S. Department of Education audits were being disputed. In an audit at UW-Whitewater of Special Services for Disadvantaged Students Programs, the Department of Education questioned \$106,798 of the \$472,417 expended. The audit of the Educational Opportunity Centers Program at UW-Parkside claimed that \$163,587 was owed for non-performance. In both instances, the campuses were gathering information to dispute the audit claims. A future report was to be made to the committee.

Competition with the Private Sector

Report received, R 5153, p. 24 XEV A

Noting that this report had been presented previously to the Board of Regents, Regent Nicholas reported unanimous committee approval of Resolution 5153.

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

Regent Policy - Report received on Competition with Private Sector, R, 5153, p. 24 X EX A

Resolution 5153: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents adopts the report of the Task Force on Competition with the Private Sector and the Task Force's recommended policy on competition with the private sector with the modifications proposed by the President of the University of Wisconsin System.

(The policy is attached as EXHIBIT A.)

Regent Weinstein asked how the UW-Madison committee would work with the Hospital Council of Trustees.

President Shaw suggested that, in the course of looking at plans and needs, the Council of Trustees might question how a certain activity would affect competition with the private sector. The council might then ask the campus committee to address that question before the council made its recommendation to the Board of Regents on the broader issue.

While he supported the task force recommendations, Regent Flores had concerns as to how they would affect the UW Hospital and Clinics, because of the competitive nature of the health care field. Although it would not be easy for the hospital to deal with these issues, Regent Flores observed, the principles would provide a basis for discussion. While the council's recommendations might not always agree with these principles, they always would be made with the best interests of the hospital, the students and the patients in mind.

Put to the vote, Resolution 5153 was unanimously adopted.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

- Vice President Lyon presiding -

Bldg. & Land - Attempt for

UW-Madison Authorization to Submit Funding Request to Vilas Trustees

for Biotechnology Center/Genetics Bldg., pp 24-30

The committee considered a request for authorization to ask that the Trustees of the Vilas Estate accumulate a total of \$10 million of uncommitted earnings to a special fund which would be used in support of UW-Madison's proposed 1991-93 Biotechnology Center/Genetics Building

X ref Vilas Trust Estate - (same)

X ref Biotechnology Center - (same)

project. Chancellor Shalala responded to questions and also advised the committee of informal discussions she had with the Board of Trustees of the Vilas Estate, which indicated their support for this request.

It was moved by Regent Nikolay and seconded by Regent Gerrard that the following resolution, which was unanimously approved by the committee, 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 ask that the Trustees of the William F. Vilas Trust Estate set aside all of the available net income of the trust estate not appropriated for endowments in a special fund to provide the UW-Madison with financial assistance for the construction of a Biotechnology Center/Genetics Building, and to continue accumulating such net income until the special fund reaches \$10,000,000.

Regent Fish stated that he was very concerned about this request, as he also had been concerned about placing advance planning money for this project in the capital budget. Noting that a set-aside already was being sought for the building, although the capital budget request had not even been acted upon, Regent Fish stated that he was distressed with the sequential process that was being followed. Over the years, the Vilas Estate had provided a great deal of money to the university, most of it for professorships and scholarships. Earmarking this amount for bricks and mortar, he pointed out, would mean that fewer funds would be available for such scholarships and professorships. He wanted on record his resentment of the process being followed and his resentment that the Vilas Trustees had been consulted prior to the Board of Regents. For those reasons, he intended to vote against the resolution.

Regent Davis asked how long it was expected to take to accumulate \$10 million, to which Regent Nikolay replied that the estimated time was five years.

Stating that she also intended to vote against the resolution, Regent Hanson questioned whether the request was in accord with the original intent of the Vilas Trust and commented that, in her view, it violated the nature of the uses to which Vilas funds were put. She further questioned why this building should be chosen for Vilas funding, rather than any number of others.

Regent Nicholas inquired as to the impact of setting aside these monies on other activities funded by the trust.

Regent Nikolay pointed out that the trust document specifically provided for using monies for building purposes.

Regent Fish requested a copy of the paragraph containing that provision.

Regent Flores remarked that not enough information had been provided to assess the impact of this request on other Vilas activities. He asked if the Vilas Trust had ever been used for buildings and if the process being followed circumvented the normal route for construction of new buildings, including the role of the Building Commission.

Regent Davis said he assumed that because of their fiduciary responsibility, the trustees would not provide funding that was not consistent with the intent of the trust. The project summary suggested to him that the monies to be set aside on an annual basis would be those not appropriated for other activities.

Regent Weinstein asked why income was allowed to accumulate each year, rather than being provided for activities funded by the trust.

Regent Gundersen questioned how this project fit with the normal process of approving of a facility that is regarded as essential.

Responding to some of the questions which had been raised, Chancellor Shalala said a building project would be an eligible activity under terms of the trust and that trust income had been used to help fund construction of Vilas Hall.

Secondly, the request would not result in reduction of funds used for endowed professorships, fellowships or scholarships. The funds to be set aside were additional monies not earmarked for those activities.

Third, the request was being made at this time so as not to lose the opportunity of capturing \$1.8 million this year from the Vilas Trust to start the process of accumulation. If the building eventually was not approved or if another source for the money was found, the set-aside funds would be returned to the Vilas Trust.

Regent Lyon inquired as to the projected contribution of the federal government.

Chancellor Shalala replied that the federal share could be as much as one third to one half of the cost, but the decision would not be made until completion of the feasibility study.

Regent Fish pointed out that the trust document provided that funds may be used for building purposes, not that monies were specified for building purposes. In his 17 years on the board, funds were used for a building only once--for Vilas Hall.

In response to Regent Gundersen's question, Regent Fish recalled that two years previously, he had warned about the dangerous precedent of proceeding with projects outside the capital budget process. Further, he observed that the Vilas trustees would have a tendency to provide funds for purposes desired by the Board of Regents, but that the Board had the responsibility for deciding what those purposes should be. It was a strange process, he commented, to say that no commitment had been made by the Board of Regents when the project was forwarded for planning in the

capital budget and then to have that action followed a few months later by this request. These actions, he predicted, would surely result in it being said that the Board of Regents had approved the project.

Regent Nikolay read from the fifth paragraph of the trust document, as follows: "At any time after the estate shall have come to exceed five million dollars of capital, the trustees may, in their discretion, upon request of the regents, suspend the addition of the one-half net income to the capital, and for a time accumulate all the available income--not appropriated to endowments--in a special fund for the construction of any building desired for the university, and when a sufficient sum shall have been so gained and the regents shall have provided a site and plans therefor to the satisfaction of the trustees, may apply such special fund to the construction of such building."

Regent Nicholas asked if the request was fully supported by the Vilas Trustees, and he was assured that was the case.

Regent Flores reiterated that before making such a commitment, the Regents should have more information--about the building, the proposed funding, the proposed timetable, and the effect on other activities funded by the Vilas Trust. He therefore moved to table the resolution, and the motion was seconded by Regent Jarvis.

On a roll call vote, the motion to table the resolution failed, with Regents Clusen, DeLong, Fish, Flores, Hanson, Jarvis and Nicholas voting "Aye" (7) and Regents Davis, Doughty Luckhardt, Gerrard, Gundersen, Lyon, Nikolay, Schilling and Weinstein voting "No" (8).

Regent Gerrard pointed out that the request was only to set monies aside, not to spend the funds. This action would not prevent the Board of Regents from deciding later not to proceed with the facility.

Expressing concern about the process, Regent DeLong pointed out that, although the Board of Regents had never approved the project, the actions that were being taken would be viewed by others as having the effect of approval.

If the Vilas Estate produced more income than actually was being used for professorships and scholarships, Regent Weinstein inquired as to the disposition of that money and the reason more was not requested for those purposes.

Regent Fish explained that the funds were returned to the corpus of the estate and thus earned additional money. In order to keep up with inflation in funding of scholarships, the principal had to expand annually.

Regent Nicholas added that only the income, not the corpus of the estate, could be expended.

Regent Weinstein pointed out that the use of that income, therefore, was lost.

It was explained by Vice Chancellor VanEss that the trust instrument required that half of the annual income be added to the principal of the trust. The method by which that could be suspended was the paragraph to which Regent Nikolay referred. Once the requested amount was accumulated, it would be paid in one sum upon approval of a plan for the building. If it was later decided that this building should not go forward, the Board of Regents would be required to so inform the trustees and to cancel the request, after which the amount accumulated would then be added into the principal of the trust. Another building could not be substituted. For a substitute building, it would be necessary again to begin accumulating funds as of the new request date. The \$1.8 million proposed to be requested this year was the one-half share of income which otherwise would be added to the principal. The Vilas Trust operated on a March-to-March fiscal year.

Regent Davis observed that what would be lost for currently funded activities would be interest on the \$10 million to be accumulated.

Regent Flores noted that if income for this fiscal year was not accumulated due to deferral of action, the amount could be obtained through short-term borrowing. While he was not necessarily opposed to the building, he was concerned that approval of this request constituted incremental approval.

In response to a question by Regent Jarvis, it was indicated that the deadline for requesting this year's Vilas Trust income was March 31, not March 1, as previously had been believed.

That being the case, President Schilling noted that action could be taken by the Board in March, rather than at this meeting.

Regent Weinstein suggested adding at the end of the resolution the words, "said request to be reviewed annually by the Board of Regents."

Commenting on the wisdom of those who created the trust, Regent Nicholas remarked that it was the 50 percent reinvestment provision, which over the years provided a principal large enough to produce the income needed for the currently funded activities. He did not think it prudent to change this sound policy.

Regent Davis observed that the creators of the trust also in their wisdom included provision for funding buildings. To adopt the view expressed by Regent Nicholas would mean that it would not be possible to use trust income for building purposes.

Regent Schilling asked why it was proposed that trust income be used for this building, which was likely to receive federal and state support, rather than another building for which it might be more difficult to obtain outside funding.

In reply, Chancellor Shalala said this building was selected because of its wide impact on the economic development of the state, as opposed to other buildings oriented more toward basic research and educational programs. Secondly, there was a timing problem in that the amount of new

state money available for construction was likely to be limited at this time. In order to promote the university's leadership role in the biotechnology field, it would be necessary to move forward quickly. Therefore, a strategy was devised that would take advantage of a federal program for biotechnology, which required both private and state matching funds. The building, she stated, would be instrumental to the economic future of the state. The Vilas Trust would be used only because of the very high priority of the project.

Regent Schilling did not generally favor the idea of using the Vilas Trust for buildings, particularly in a project for which broad support could be expected. However, he also was concerned about missing the funding opportunity and thought it likely that in the future buildings would be funded differently from current practice. Therefore, he thought an annual review, as suggested by Regent Weinstein, might be an appropriate provision in this case.

Because there were still a number of unanswered questions, Regent Davis moved to table the resolution, as one who had voted against the previous motion to table it.

In the accepting of the motion to table, Vice President Lyon pointed out that, when the previous vote was taken, it had been believed that the deadline was March 1, not March 31. This changed information made another vote on the question proper.

At President Schilling's suggestion, Regent Davis reworded his motion to make it a motion to defer action until the March meeting. The motion was seconded by Regent Nicholas.

Regent Weinstein stated the assumption that the minutes would reflect all of the questions raised and that answers would be provided before the March meeting. A further question, he added, was when the federal decision would be made.

President Shaw noted that the project was approved by the Board in the capital budget for planning dollars only and was at the bottom of the priority list. Assuming that priorities previously stated would be followed in the future, it would be unlikely that this project would proceed quickly. What made the project unique, in his view, was that the biotechnology field would not wait for orderly processes to decide where state-of-the-art research would be conducted and where firms would locate. Movement on those fronts was occurring rapidly. To follow usual processes could jeopardize the research position of an institution that was postured to continue to be very strong in this area. He considered the project an imaginative way of attempting to deal with realities in a timely manner.

Regent Flores observed that if the project was so important, it should have been more highly placed on the priority list. What concerned him was that this request would become a separate priority from the list sent to the Legislature. While it might be acceptable to use a different strategy for this project, he felt more information was needed to make a decision.

Regent Fish also commented that if this building was so urgently needed, it should have been highly placed on the capital budget priority list.

On a voice vote, the resolution was deferred until the March meeting of the board.

- President Schilling presiding -

President Schilling requested that the secretary make a list of the questions that had been raised, for circulation to the chancellor and regents so that answers could be provided before the next meeting.

Regent Gundersen asked that the minutes of the discussion about planning funds for the project also be included.

Regent Grover requested more information on the implications of biotechnology for Wisconsin's economic growth.

Regent Weinstein asked for information as to when the facility could be completed and operational.

Bldgs + Land -

UW-Madison: Approval of Land Sale at 101 N. Brooks St., R5154,
P. 30

Continuing the report of the Physical Planning and Development Committee, Regent Nikolay reported on a UW-Madison request to sell a small parcel of unusable land at 101 North Brooks Street, to provide access to a student apartment building planned by the purchaser/developer. The committee felt this was a mutually beneficial transaction and unanimously approved Resolution 5154.

Brooks Street - 101 N. - (same)

Regent Nikolay moved and Regent Gundersen seconded the following resolution, which was adopted unanimously by the Board of Regents:

Resolution 5154: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to sell approximately 795 square feet of unimproved property, located at 101 North Brooks Street in the City of Madison, for a total purchase price of \$3,800. A condition of the sale is that the purchaser will pay all improvement costs required for North Brooks Street, at standards acceptable to both the City of Madison and the University, and any special assessments assigned to the University on the west side of North Brooks Street.

UW Centers - Bldg & Land -

UW Center-Waukesha County: Approval of Reversion of Leased Property Rights and Granting of Construction Easement

UW - Waukesha County, R 5155, P. 31

The committee unanimously approved authority for the officers of the Board to execute a document releasing a 0.86 acre portion of property leased from Waukesha County as the site of UW Center-Waukesha County. Further authority was requested to grant a temporary construction easement. The local water utility was to install additional water mains and build a new water tower, which would result in improved fire protection for the Center.

Xref UW Center - Waukesha County - (same, but drop "UW - Waukesha County")

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

Resolution 5155: That, upon the recommendation of the UW-Centers Chancellor and the President of the University of Wisconsin System, authority be granted for the President or Vice President and Secretary or Assistant Secretary of the Board of Regents to execute a reversion of 0.86 acres of the 86.22 acres of property leased from Waukesha County as the site for the UW Center - Waukesha County at Waukesha. Further authority is requested to grant a temporary construction easement to the Waukesha Water Utility which is needed for installation of new water mains.

Approval of Minor Projects

Regent Nikolay reported unanimous committee approval of a series of minor projects. There were three for UW-Parkside, two each for UW-Madison and UW-River Falls and one each for UW-Milwaukee, UW-Oshkosh, UW-Stout, UW-Whitewater and UW Center-Fond du Lac. These requests totaled \$1,142,400 from the six funding sources identified in the resolution. There was some discussion of whether the chiller replacement at UW Center-Fond du Lac constituted a capital expenditure that should be borne by the City of Fond du Lac rather than the state. The committee was advised that the chiller (which was operational) would be replaced at the UW Centers' initiative, so the boiler could be shut down during the summer, in order to save energy--a cost paid by the university. The estimate was that the project would pay for itself in 13.5 years.

Resolution 5156 was moved by Regent Nikolay, seconded by Regent Gerrard and adopted unanimously by the Board of Regents.

Resolution 5156: That, upon the recommendation of the appropriate UW System Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the budgets and from the funding sources indicated, which are summarized as follow:

Gift and Grant Funds	\$ 185,000
Program Revenues	316,800
General Fund Supported Borrowing -	
Maintenance Funds	165,000
Minor Projects	125,600
Energy Conservation	135,000
State Building Trust Funds - Contingency	215,000
TOTAL	\$1,142,400

✓ Bldgs + Land - Approval of
Xref Engineering Bldg. - (same)

~~UW-Madison: Engineering Building Electric Machines and Power Electronics Laboratory Remodeling project, \$185,000, College of Engineering Grant Funds R 5156, pp 31-32~~

Xref Great Lakes Research - (same + add "at UW-Milwaukee")

~~UW-Milwaukee: Great Lakes Research Facility Greenhouse Structure project, \$47,600, Minor Project Funds R 5156, pp 31-32~~

Xref Parking Areas - (same, but add "at UW-Oshkosh")

~~UW-Oshkosh: 1989 Parking Lot No. 6 Development project, \$181,800, Program Revenues R 5156, pp 31-32~~

~~UW-Parkside: Communication Arts Building Theatre Lighting Control Replacement project, \$165,000, General Fund Supported Borrowing - Maintenance Program Funds~~

~~Greenquist Hall Remodeling for Tissue Culture Laboratory project, \$31,700, General Fund Supported Borrowing - Minor Project Funds~~

and ~~Molinaro Hall Multi-Media Classroom Remodeling project, \$46,300, General Fund Supported Borrowing - Minor Project Funds R 5156, pp 31-32~~

Xref Hazardous Materials - (same, but add "at UW-River Falls")

~~UW-River Falls: Hathorn Residence Hall Asbestos Abatement project, \$135,000, Program Revenues R 5156, pp 31-32~~

Bldgs + Land - Approval of

~~UW-Madison, River Falls, Stout and Whitewater: Eleven Structures Demolition project, \$215,000, State Building Trust Funds - Contingency funds R 5156, pp 31-32~~

Xref UW-River Falls - Bldgs + Land - (same)

Xref UW-Stout - Bldgs + Land - (same)

Xref UW-Whitewater - Bldgs + Land - (same)

~~UW Center-Fond du Lac: Water Chiller Replacement project, \$135,000, 1987-89 General Fund Supported Borrowing - Energy Conservation Program funds~~

UW Centers - Bldgs + Land - Approval of

R 5156, pp 31-32

Xref UW Center - Fond du Lac - (same, but drop "UW Center - Fond du Lac")
UW System: Policy for Naming Facilities

Summarizing committee review of this matter, Regent Nikolay reported that the starting point for discussion was Vice President Brown's compilation of previous Board discussions on this subject, with some possible courses of action identified for consideration. The committee members devoted a considerable amount of time to discussion of this issue, after which the unanimous consensus was that the System is best served by

University - Names of Bldgs - Discussion of system policy for naming of facilities, pp 32-34

Xref Regent Policy - (same)

Xref Bldgs + Land - (same)

retaining the current policy, which the committee believed to provide an adequate framework for Board of Regents' action on these matters. It was also considered important to retain a policy which afforded flexibility to deal with varying requests. The committee discussed and did not concur with a policy change which would carry such a prohibition against naming facilities for living persons, nor did the committee endorse a policy which would deal specifically with naming requests which might accompany a substantial gift to a university for building construction, on the basis that it would not be possible to define a substantial gift without creating an attitude of elitism.

The purpose of having this topic on the agenda this month was to provide all members of the Board of Regents the opportunity to express their views, with the hope that this discussion would evolve toward a consensus position which would allow System staff to prepare a proposed policy.

In discussion at the Board meeting, Regent Weinstein suggested that the policy should prohibit naming buildings or parts of buildings for living people, except in the case of a person who paid for an entire building. Approval by the Board of Regents should be required in all cases.

- Vice President Lyon presiding -

Regent Schilling thought what was needed were easily understood standards to which there would be few exceptions.

- President Schilling presiding -

Regent Grover believed that the naming of buildings or portions thereof after persons should be a Board of Regents decision in all cases. It also was his view that facilities should not be named for living persons, with perhaps some exceptions based upon the magnitude of the gratuity.

Regent Fish recalled that the Regents previously had taken the position, which he supported at the time, that a building should not be named for a living person except in an extremely unusual circumstance. The problem had been that the provision for exceptions had not always been carefully managed, but instead had been viewed as a loophole. He, therefore, had come to the conclusion that the naming of a building after any living person should be precluded.

Regent Gundersen observed that to prohibit naming of facilities for living people could have a detrimental effect on fundraising.

President Schilling suggested that it might be helpful to hear the reaction of fundraising personnel as to whether this consideration was a major or minor issue in fundraising.

Regent Lyon suggested that, from a fundraising standpoint and from the standpoint of satisfaction to distinguished faculty and institutional leaders, consideration should be given to naming institutes, programs and professorships, rather than buildings, after persons. Former students, business entities and other groups involved could then be encouraged to contribute. While money was needed for bricks and mortar, it also was needed to produce strong programs. Therefore, he thought the Board of Regents should look toward honoring people in a manner which might help increase program-related funding.

Regent Doughty Luckhardt expressed support for the current policy because of its flexibility.

Regent Nicholas also stated support for the policy as currently written.

Report of the Vice President

Bid Openings and Status of Projects

Vice President Brown presented to the committee a report on bid openings and the status of projects.

X Washington Ave., 1940's. -
Sale of Former Neurological and Rehabilitation Hospital, p. 34

Xref Budget Land - (same)
 It was reported that the closing for this sale took place on January 23. The building was to be developed into forty cooperative housing units, in what had been described as a "major new public/private initiative in the State of Wisconsin."

X Veterans Admin. -
Sale of Chilled Water and Steam to Veterans Administration Hospital, p. 34

Vice President Brown reported on a proposal from a private citizen that UW-Madison sell chilled water and steam to the Veterans Administration Hospital. The regents were sent a mailing containing background information on this topic, which stated that the suggestion to sell chilled water was being pursued by System Administration engineers, the VA and the Division of State Facilities Management. Also included was a letter from the director of the hospital stating that the VA was interested in pursuing this course of action and that it appeared possible to develop a mutually satisfactory agreement. The committee was told that a meeting was held the preceding day between Governor Thompson and the Director of the Veterans Administration Hospital to discuss this project. The final cost figures were being prepared and would be included in the design report, which should be ready for presentation to the Board at the March or April meeting. Mr. Brown indicated that the suggestion on selling steam to the hospital was not being considered, since connection to the UW-Madison steam system could precipitate the need for another boiler which currently was not needed.

Legislature - Governor appointments to
State Building Committee Higher Education Subcommittee, p. 35

Regent Nikolay reported that information was received on the Governor's appointments to the Higher Education Subcommittee of the State Building Commission: Representative Lolita Schneiders, of Menomonee Falls, (Chair); Representative Louise Tesmer, of Milwaukee; Senator Jerome Van Sistine, of Green Bay; and Citizen Member Bryce Styza.

Regent - Policy - Talking to March of

ADDITIONAL RESOLUTIONS

→ Revision of Regent Policy: Procedure for Selecting Chancellors, Executive Vice President and Vice Presidents, pp 35-38

Presenting this item, President Schilling noted that the purpose of the proposed changes was to bring the language on appointment of system vice presidents into conformance with statutory requirements. Also included were a number of nonsubstantive editorial revisions.

Xref Chancellors - (same)

Presidents Schilling and Shaw had discussed the matter thoroughly and President Shaw had given assurance that these revisions were drawn as narrowly as possible, so as to reflect only those changes needed to be consistent with the statute.

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

That, upon the recommendation of the President of the University of Wisconsin System, Resolution 4034 (of 4-8-88) of this Board is hereby revised as follows:

That the procedure for selecting Chancellors, the Executive Vice President, and Academic Vice President be approved as follows:

I. CHANCELLORS, EXECUTIVE VICE PRESIDENT AND ACADEMIC VICE PRESIDENT

1. Upon indication of ~~such~~ a vacancy in the position of Chancellor, Executive Vice President or Academic Vice President, the President of the Board shall promptly designate a Special Regent Committee consisting of not less than three nor more than five Regents to be involved in the selection process for a replacement. The ~~Board~~ President of the Board shall designate a chairperson of the Special Regent Committee.

2. The Special Regent Committee shall ~~then~~ confer with the President of the System and advise the President ~~at that point~~ of any special qualifications for the position which it believes should be considered. ~~In essence,~~ ~~The~~ Special Regent Committee will work with the System President to produce a brief job description taking into account the special characteristics of the institution at which the Chancellor would serve or the special characteristics of the administrative position to be ~~occupied~~ filled.

3. The System President shall ~~then~~ appoint a Search and Screen Committee, the majority of which ~~must~~ shall be faculty, comprised of:

- a. Faculty selected ~~by the System President~~ after consultation with appropriate faculty representatives;
- b. Academic Staff selected ~~by the System President~~ after consultation with appropriate Academic Staff representatives;
- c. Students selected ~~by the System President~~ after consultation with appropriate student representatives;
- d. Administrators representing institutions and the System Administration selected by the System President;
- e. At the option of the System President, one community representative ~~selected by the System President~~; and
- f. A Chairperson shall be appointed ~~by the System President~~ from among the faculty members of the Committee.

The Search and Screen Committee will be provided with the job description prepared by the System President and the Special Regent Committee. Interviews of candidates ~~by the Search and Screen Committee~~ will be within the discretion of ~~that~~ the Search and Screen Committee.

4. The Search and Screen Committee shall subsequently return a list ~~to the System President of~~ recommending at least five individuals that it believes are qualified, in unranked order, along with an alphabetical list of all persons considered. Delivery of the list shall be at a joint meeting of the Search and Screen Committee, the System President and the Special Regent Committee in order that the System President and the Special Regent Committee may receive an oral presentation on each of the candidates recommended. The Search and Screen Committee shall then be discharged, provided that, if no name contained in the initial list presented by the Search and Screen Committee is accepted, the Search and Screen Committee shall be reactivated and asked to provide a second list of at least five additional candidates.

5. The System President, in conjunction with the Special Regent Committee, shall review all of the recommended candidates and conduct such interviews as may be deemed appropriate those they desire. The System President shall then make his/her recommendation to the Special Regent Committee which in turn makes its report on the System President's recommendation to the Board.

6. If the search is for a Chancellor, the System President shall recommend a candidate to the Special Regent Committee, which shall make a report on the System President's recommendation to the Board. Final approval of the System President's selection shall be made by the Board of Regents.

7. This resolution shall not apply to the selection process for those positions presently under active consideration except that steps of the foregoing procedure which shall not apply restrict the selection of candidates for such positions shall be applied

This process shall apply to such other positions as the Board shall from time to time determine.

8. If the search is for the Executive Vice President or Academic Vice President, the System President shall advise the Special Regent Committee of the person selected. Final approval of the salary for the Executive Vice President or Academic Vice President shall be made by the Board of Regents.

II. OTHER VICE PRESIDENTS

1. Upon indication of a vacancy in a Vice President position other than Executive Vice President or Academic Vice President, the President of the System shall appoint a Search and Screen Committee. The Search and Screen Committee will be provided with a job description prepared by the System President in consultation with the appropriate Standing Committee of the Regents. Interviews of candidates will be within the discretion of the Search and Screen Committee.

2. The Search and Screen Committee shall subsequently return a list recommending to the System President at least five individuals that it believes are qualified, in unranked order, along with an alphabetical list of all persons considered. The Search and Screen Committee shall then be discharged, provided that, if no name on the initial list presented by the Search and Screen Committee is accepted, the Search and Screen Committee shall not be discharged, and shall be asked to provide a second list of at least five additional candidates.

3. The System President, in consultation with the appropriate Standing Committee of the Regents, shall review all of the recommended candidates. The System President shall fill the vacancy from among the candidates interviewed, and shall advise the appropriate Standing Committee of the Regents of the person selected.

4. Final approval of the salary for the vice president position shall be made by the Board of Regents.

Expressing concern about the wording of paragraph 6, Regent Weinstein noted that the procedure actually followed was for the president of the system and the Special Regent Committee to interview candidates, after which the system president might or might not make a recommendation to the special committee. The committee then would make its recommendation to the Board of Regents. The proposed wording of paragraph six required that the committee take the president's recommendation to the Board of Regents.

President Schilling observed that this was a case in which the existing language of the policy was not followed. While existing language stated, "final approval of the system president's selection shall be made by the board," in fact the chair of the Special Regent Committee reported the committee's recommendation to the Board of Regents.

Regent Weinstein suggested that the matter be deferred so that paragraphs five and six could be brought into compliance with Chapter 36, which provides for appointment of chancellors by the Board of Regents.

President Schilling asked if it would be appropriate to divide the question to allow for action at this meeting on the section having to do with vice presidential appointments.

President Shaw agreed that Regent Weinstein was correct with respect to actual procedure for chancellorship appointments. In having the document redrafted, the only changes that were made, other than minor editorial revisions, were ones required to conform to the law regarding vice presidential appointments. While he was comfortable with making the changes suggested by Regent Weinstein at a subsequent meeting, he hoped that the section on vice presidential appointments would be acted upon promptly.

President Schilling indicated that the matter could be tabled until the March meeting. He added, however, that he, Vice President Lyon and President Shaw would be meeting with the Joint Committee on Finance and needed to be able to report progress in changing the policy on vice presidential appointments.

Upon motion by Regent Weinstein, seconded by Regent Grover, the resolution was tabled until the March meeting, with Regent Nikolay voting "No."

- - -

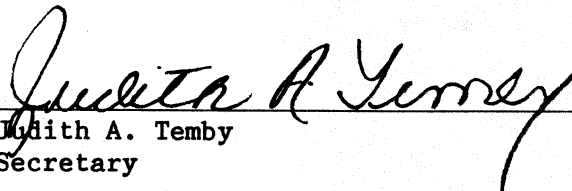
At 12:15 p.m., the following resolution, moved by Regent Lyon, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Fish, Flores, Grover, Hanson, Lyon, Nicholas, Nikolay, Schilling and Weinstein voting "Aye" (13), and no regents voting "No."

Resolution 5157: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), *Wis. Stats.*, for possible action on honorary degrees at UW-Madison and UW-Milwaukee and for preliminary review on an honorary degree at UW-Green Bay, 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 12:45 p.m.. No announcements were made.

The meeting was adjourned at 12:45 p.m.



Judith A. Temby
Secretary

March 2, 1989

0178X

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

7. MS. KATO L. PERLMAN
MADISON, WI
THE JOURNAL OF THE CHEMICAL SOCIETY: CHEMICAL
COMMUNICATIONS (1965-1985), FOUR ISSUES OF THE
JOURNAL OF THE TAKEDA RESEARCH LABORATORIES, AND
ONE ISSUE OF CANCER RESEARCH REPORTS.
MSN LIBR GEN OPERATIONS LIB ACQSTN
8. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES
MADISON, WI
SOFTWARE AND MISCELLANEOUS ITEMS
MSN HS-MED PEDIATRICS
9. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES
MADISON, WI
SLIDES FOR TEACHING
MSN HS-MED PEDIATRICS
10. PROF. MELVIN CROAN
MADISON, WI
179 VOLUMES OF MATERIALS IN THE FIELDS OF HISTORY
AND POLITICAL SCIENCE
MSN LIBR GEN OPERATIONS LIB ACQSTN
11. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES
MADISON, WI
FLASH EQUIPMENT FOR CAMERA, LOVE SEAT, COMPUTER
PRINTER, MACINTOSH SE COMPUTER WITH IMAGEWRITER
II AND CLARIS MACWRITE MAC PAINT AND MYSTAT
SOFTWARE, TV/MONITOR WITH CABLE.
MSN HS-MED PEDIATRICS
12. MRS. EVELYN STEENBOCK
MADISON, WI
3 (EA) ROYAL WORCESTER BONE CHINA BIRDS ENTITLED:
CACTUS WREN & PRICKLY PEAR (HEN) AND CACTUS WREN
& PRICKLY PEAR (COCK) AND ELF OWL & GIANT SAQUARO.
MSN LIBR STEENBOCK AG LIB
13. PROFESSOR STEPHEN C. KLEENE
MADISON, WI
6 BOXES OF BOOKS
MSN LIBR GEN OPERATIONS LIB ACQSTN
14. UNIV. OBSTETRICS AND GYNECOLOGY ASSOCIATION
MADISON, WI
3 - LIQUID NITROGEN CANISTERS
1 - FREEZING CHAMBER
MSN HS-MED OBSTET & GYNECOL
15. THE MEMORIAL UNION BUILDING ASSOCIATION
MADISON, WI
LOUVER FOR UNION SOUTH ATRIUM; GREAT HALL SOUND
SYSTEM; BRONZE CAST PLAQUE-UNION THEATER LOUNGE;
BOOKS, UNION TRAVEL CENTER; LAKEFRONT PROJECT-
CLASS OF '27 & '28; EQUIPMENT; LIGHT FIXTURES.
MSN UNION GENERAL

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

16. DR. JOHN T. EMLER JR.
MADISON, WI
BOOKS, PERIODICALS AND REPRINTS
MSN L&S ZOOLOGY

INSTRUCTION

- | | | | |
|----|---|--------------|------------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MEYER, D.O.--CLINICAL TEACHING
MSN HS-MED MEDICINE | (TRUST) | 14,375.00 |
| 2. | CLASS OF 1947--VISITING PROFESSORSHIP
MSN HS-MED | (TRUST) | |
| | 100.00 ALBRECHT, DR. JAMES & MARIAN
JACKSON, WI | | |
| | 25.00 MULTIPLE DONORS | | 125.00 |
| 3. | GOLPER, DR. MARVIN AND JEAN
SCOTTSDALE, AZ
PAUL, LESTER W.--VISITING PROFESSORSHIP IN
RADIOLOGY
MSN HS-MED RADIOLOGY | (TRUST) | 200.00 |
| 4. | DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
WASHINGTON, DC
RECRUITMENT AND RETENTION OF MINORITY STUDENTS
IN UAP TRAINING PROGRAMS
IN THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 90DDO149/01
MSN GRAD WAISMAN CENTER | (144-AS79) | 115,195.00 |
| 5. | PEW CHARITABLE TRUSTS
PHILADELPHIA, PA
GRADUATE PROGRAM IN CONSERVATION BIOLOGY AND
SUSTAINABLE DEVELOPMENT FOR THE PERIOD
09-14-88 TRHU 09-30-89
MSN ENV ST INSTRUCTNL PROG INSTR PROG | (133-N796) | 30,000.00 |
| 6. | BRITTINGHAM FUND, INC.
WILMINGTON, DE
SCHOOL OF MUSIC MINORITY OUTREACH
MSN L&S SCHOOL OF MUSIC | (133-N810) | 10,941.00 |
| 7. | BRITTINGHAM FUND, INC.
WILMINGTON, DE
INTRODUCTION TO THE LAW FOR MINORITIES
MSN LAW LAW SCHOOL | (133-N812) | 15,000.00 |
| 8. | DR. JAMES M. & ELLEN REGIER FOX
SANTA MONICA, CA
MAX FOX PRECEPTORSHIP RECOGNITION AWARD
MSN HS-MED ADMINISTRATION DEANS OFFC | (133-6759) | 500.00 |

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1.	MULTIPLE DONORS CALDWELL, WILLIAM L.--LIBRARY FUND MSN HS-MED HUMAN ONCOLOGY	(TRUST)	53.00
2.	KIERZKOWSKI, JOHN EDMOND--MEMORIAL TRUST MSN L&S CHEMISTRY	(TRUST)	
	71,840.68 KIERZKOWSKI, JOHN EDMOND ESTATE ALLENTOWN, PA INCOME IS AVAILABLE FOR THE PURCHASE OF BOOKS AND PERIODICALS FOR THE CHEMISTRY DEPARTMENT LIBRARY.		
	857.90 KIERZKOWSKI, JOHN P. TRUSTEE ALLENTOWN, PA KIERZKOWSKI, JOHN E. TRUST		
			72,698.58
3.	SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-D098)	
	100.00 MULTIPLE DONORS 3,500.00 ELIZABETH BURR SPRINGFIELD, IL		
			3,600.00
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE STEENBOCK LIBRARY MSN LIBR STEENBOCK AG LIB	(133-E402)	600.00
5.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LIBRARY	(133-F070)	1,403.36
6.	GEORGE L. MOSSE MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ	(133-F543)	1,495.00
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALLEN BIOLOGY FUND MSN LIBR GEN OPERATIONS LIB ACQSTN	(133-E292)	18,000.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BOHSTEDT LIBRARY FUND MSN AG&LSC MEAT& ANIMAL SCI	(133-N192)	356.45
9.	MULTIPLE DONORS DEFRAY COST OF ACQUIRING BOOKS FOR A GRADUATE READING ROOM IN POLITICAL SCIENCE MSN GRAD L&S POL SCI	(133-7326)	100.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

1.	WATKINS, CHARLES E & DOROTHY MILWAUKEE, WI INBUSCH FOUNDATION, INC. WATKINS, JOHN ORTON--FELLOWSHIP MSN HS-MED PEDIATRICS	(TRUST)	400.00
2.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	(TRUST)	11,636.10
3.	PIPER, JAFFRAY & WOPWOOD APPLETON, WI CURLER, HOWARD BOHN, DONALD I.--ENGINEERING FUND MSN ENGR OPERATIONS	(TRUST)	10,768.43
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COON, LELAND A.--MUSICOLOGY FELLOWSHIP MSN L&S SCHOOL OF MUSIC	(TRUST)	6,000.00
5.	MADISON CIVIC MUSIC ASSOCIATION MADISON, WI STRELOW, IDELE C.--MUSIC DEPARTMENT MSN L&S SCHOOL OF MUSIC	(TRUST)	3,368.75
6.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI	(TRUST)	
	6,800.00 AT&T FOUNDATION HOLMDEL, NJ		
	10,490.00 INTERNATIONAL BUSINESS MACHINES NEW HAVEN, CT		
			17,290.00
7.	DIGITAL EQUIPMENT CORPORATION MAYNARD, MA COMPUTER SCIENCES DEPARTMENT--FACULTY DEVELOPMENT FUND MSN L&S COMPUTER SCI	(TRUST)	25,000.00
8.	BRISTOL-MYERS EVANSVILLE, IN DEPARTMENT OF PEDIATRICS-GASTROINTESTINAL MICTOECOLOGY RESEARCH MSN HS-MED PEDIATRICS	(TRUST)	13,090.00
9.	FIRST WISCONSIN-MADISON MITCHELL, WILLIAM F ESTATE, MADISON, WI BEQUEST TO THE ATHLETIC DEPARTMENT FOR OTHERWISE UNAVAILABLE EXTRAS SUCH AS FURNITURE, ARTWORK, ETC FOR THE SOUTHEAST RECREATIONAL FACILITY ONLY. MITCHELL, WILLIAM F.--ATHLETIC FUND MSN REC SP S E RECR FACIL	(TRUST)	7,000.00

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10.	KELAB, INC MADISON, WI HILLDALE FUND MSN G E A UNIVERSITY ADMIN CHANCELLOR (TRUST)	240,000.00
11.	FIRST WISCONSIN-MADISON MADISON, WI SCHORGER, A.W. TRUST SCHORGER, A.W.--WILDLIFE ECOLOGY MSN AG&LSC N R-WILDLIF ECOL (TRUST)	15,995.40
12.	HEAD, RUFUS W. M.D. LINCOLN, ME JUHL, JOHN H.--VISITING PROFESSORSHIP MSN HS-MED RADIOLOGY DIAGNOSTIC (TRUST)	50.00
13.	CITIBANK, NA NEW YORK, NY WEEKS, LEWIS G. TRUST WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSCS (TRUST)	60,000.00
14.	MURPHY, MARION E. MADISON, WI MURPHY, Q.R.--LECTURESHIP IN PHYSIOLOGY MSN HS-MED PHYSIOLOGY (TRUST)	250.00
15.	BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS (TRUST)	
	50.00 BOMBA, DR. STEVEN J. & JANET WHITEFISH BAY, WI	
	100.00 CAMERON, JOHN R. & LAVONDA I. MADISON, WI	\$ 50.00
	KERST, DOROTHY B. & DONALD W. MADISON, WI	\$ 50.00
	150.00 HANSON, HAROLD P. & MARY JEAN WASHINGTON, DC	\$ 100.00
	ROTHENBERG, LAWRENCE & LAURA NEW YORK, NY	\$ 50.00
	150.00 ROHRIG, NORMAN UPTON, NY	\$ 50.00
	FOSSAN, DAVID B. EAST SETAUKET, NY	\$ 50.00
	BURROWS, THOMAS W. SHOREHAM, NY	\$ 50.00
		450.00
16.	RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS (TRUST)	
	100.00 BOMBA, DR. STEVEN J. & JANET WHITEFISH BAY, WI	\$ 50.00
	SANDERS, R.M. BURNSVILLE, MN	\$ 50.00
	200.00 CAMERON, JOHN R. & LA VONDA I. KERST, DOROTHY B. & DONALD W. MADISON, WI	\$ 50.00
	HARDIE, GERALD KALAMAZOO, MI	\$ 100.00
	70.00 ROHRIG, NORMAN UPTON, NY	\$ 50.00
	STECK, DANIEL J. AVON, MN	\$ 20.00
		370.00

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- | | | |
|-----|--|-----------|
| 17. | LIMONCELLI, GREGORY
NEW YORK, NY
DEAN, JOEL--GRADUATE READING ROOM FUND
MSN L&S POLITICAL SCI (TRUST) | 25.00 |
| 18. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS ADAM
PREPARATION OF CHILDRENS' MENTAL HEALTH GRANT
FOR THE PERIOD 11-01-88 THROUGH 02-28-89
AWARD # PO #FDI 9971
MSN L&S SOCIAL WORK (144-AT36) | 8,600.00 |
| 19. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS CDC
AIDS/HIV KNOWLEDGE "BELIEVERS SURVEY"
FOR THE PERIOD 01-01-89 THROUGH 09-30-89
AWARD # P.O. #FAI 02379
MSN HS-ADM ADMINISTRATION HLTH POLCY (144-AT74) | 12,671.00 |
| 20. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS NIH
DATA BASE DEVELOPMENT, EVALUATION, RESEARCH
AND DESIGN FOR IMPROVING EMS FOR CHILDREN PROJECT
FOR THE PERIOD 11-14-88 THROUGH 06-30-89
AWARD # P.O. #FAI 02041
MSN ENGR ENGR EXPER STA HLTH SYS'S (144-AT24) | 34,210.00 |
| 21. | SMITHSONIAN INSTITUTION
WASHINGTON, DC
ETHNOARCHAEOLOGICAL STUDY OF BEADMaking IN
GUJARAT, INDIA
(PAYMENT OF \$34,800 TO BE MADE IN HOST COUNTRY)
FOR THE PERIOD 01-01-89 THROUGH 01-31-90
AWARD # NONE
MSN L&S ANTHROPOLOGY | |
| 22. | A.S. WILMETH
BELLEVILLE, WI
DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC
SERVICES
MSN ARBOR ARBORETUM (133-A056) | 700.00 |
| 23. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MEDICAL SCHOOL DEVELOPMENT FUND
MSN HS-MED (133-A117) | 10,000.00 |
| 24. | BRITTINGHAM FUND, INC.
WILMINGTON, DE
CONSORTIUM FOR THE ARTS
MSN L&S SPECIAL PROJECTS CNSRT ARTS (133-A864) | 10,000.00 |

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25.	MERITER MADISON GENERAL HOSPITAL MADISON, WI REIMBURSEMENT FOR SALARY OF SCHOOL OF NURSING FACULTY MEMBER EMPLOYED PART-TIME AT MADISON GENERAL HOSPITAL MSN HS-NUR ACAD AFF'S	(133-B664)	4,876.86
26.	MULTIPLE DONORS TRAUMA CENTER FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-C274)	125.00
27.	C.D.O. UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI GENERAL DEPARTMENTAL OFFICE EXPENSES MSN HS-MED ANESTHESIOLOGY	(133-D507)	20,144.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	20,000.00
29.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	31,002.16
30.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT CLERICAL SALARIES IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY	(133-E492)	33,496.00
31.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	3,699.36
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNUAL LANGUAGE DEPARTMENT PLAY MSN L&S FRENCH & ITALIAN	(133-E902)	750.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNUAL LANGUAGE DEPARTMENT PLAY MSN L&S SPANISH & PORT	(133-E903)	750.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR THE DEPARTMENT OF INDUSTRIAL ENGINEERING MSN ENGR INDUSTRIAL ENGR	(133-F084)	410.00

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35.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE	(133-F102)	172,911.25
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MUSEUM DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSCS	(133-G011)	12,000.00
37.	MULTIPLE DONORS PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN	(133-G047)	6,627.86
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAE DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR CMPTR-AIDED ENGR	(133-G096)	2,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING PROGRAM SUPPORT MSN ENGR OPERATIONS	(133-G622)	7,285.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISABLED PERSONS ON CAMPUS FUND MSN G E A DEAN OF STUDENTS PR DISABLD	(133-G743)	619.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S METEOROLOGY	(133-G869)	940.00
42.	WISCONSIN STATE JOURNAL MADISON, WI MEDICATIONS FOR PEDIATRIC PATIENTS MSN HS-HSP ADMINISTRATION ADMIN	(133-H974)	1,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - FINANCE MSN BUS SCH OF BUSINESS	(133-J187)	1,251.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - PLACEMENT MSN BUS SCH OF BUSINESS	(133-J189)	1,000.00
45.	EXXON COMPANY U.S.A. HOUSTON, TX DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR CAREER P&P	(133-J393)	2,000.00

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46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS (133-J620)	3,000.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)	300.00
48.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY (133-J716)	400.00
49.	MULTIPLE DONORS UNRESTRICTED FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-J718)	332.32
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS (133-J724)	1,000.00
51.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR (133-J835)	5,000.00
53.	BRITTINGHAM FUND, INC. WILMINGTON, DE BRITTINGHAM PRIZE IN POETRY MSN L&S ENGLISH (133-J961)	3,100.00
54.	AMERICAN ECONOMIC ASSOCIATION PRINCETON, NJ COSTS OF EDITING "AMERICAN ECONOMIC REVIEW" MSN L&S INST-RES ON POV (133-K129)	7,000.00
55.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201)	40.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED (133-K244)	268.60

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57.	UNRESTRICTED FUND IN PEDIATRICS MSN HS-HSP ADMINISTRATION ADMIN (133-K273)	100.00 10,975.00	MULTIPLE DONORS OSCAR MAYER/NFL ALUMNI MADISON, WI	11,075.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR GENERAL OPERATIONS-ATHLETICS MSN ATH GENERAL OPERATNS ADMIN (133-K302)			2,889.70
59.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEPARTMENTAL SUPPORT INCLUDING FACULTY SALARIES, SUPPORT STAFF, SUPPLIES AND EQUIPMENT MSN HS-MED ANESTHESIOLOGY (133-K533)			20,954.00
60.	MULTIPLE DONORS REHABILITATION CENTER DISCRETIONARY FUND MSN HS-HSP ADMINISTRATION ADMIN (133-K543)			611.17
61.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)			180.00
62.	MULTIPLE DONORS DIABETES RESEARCH & EDUCATION MSN HS-MED MEDICINE ENDOCRINOL (133-K746)			50.00
63.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE GEN INT MD (133-K814)			200.00
64.	AMERICAN PSYCHOLOGICAL ASSOCIATION WASHINGTON, DC APA JOURNALS: EDITORIAL OFFICE EXPENSES FOR THE PERIOD 08-29-86 THRU 08-31-87 MSN L&S PSYCHOLOGY (133-K862)			148.28
65.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST (133-K955)			8,350.00
66.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN (133-L094)			235.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITNG AND MOVING EXPENSES MSN HS-MED (133-L567)			183.26

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68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING EXPENSES MSN HS-MED	(133-L571)	8,000.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AGING RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-L572)	1,200.00
70.	MULTIPLE DONORS NIELSEN TENNIS DISCRETIONARY FUND MSN REC SP NIELSEN TENNIS S	(133-L644)	100.00
71.	WORTH PUBLISHERS, INC. NEW YORK, NY MANUSCRIPT PREPARATION FOR PRINCIPLES OF BIOCHEMISTRY-NELSON MSN AG&LSC BIOCHEMISTRY	(133-L850)	820.00
72.	LMCL COMMUNICATIONS WASHINGTON, D.C. HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY	(133-M109)	1,500.00
73.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	708.57
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	100,127.50
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-M562)	400,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED	(133-M563)	11,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	150,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-M566)	100,000.00

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79.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-M651)	2,000.00
80.	C.D.O. UNIVERSITY PSYCHIATRY GROUP MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST (133-M731)	2,604.22
81.	MULTIPLE DONORS DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK (133-M732)	400.00
82.	HISTORY OF SCIENCE SOCIETY NORMAN, OK SUPPORT OF ISIS EDITORIAL OFFICE MSN HS-MED HIST OF MEDICINE HIST OF MD (133-N320)	5,156.50
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N329)	10,150.00
84.	DANE COUNTY FARMERS UNION COTTAGE GROVE, IL SUPPORT ACTIVITIES AT U.C.C. MSN AG&LSC COOPTVS, U CTR (133-N350)	5,000.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN (133-N411)	230.00
86.	GEORGIA (UNIVERSITY OF) ATHENS, GA PURCHASE OF EQUIPMENT IN SUPPORT OF RESEARCH IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS (133-N661)	25,000.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ECONOMICS CENTENNIAL COMMITTEE MSN L&S ECONOMICS (133-N683)	3,050.00
88.	URBAN & REGIONAL INFORMATIONS SYSTEMS ASSOC. WASHINGTON, DC JOURNAL OF THE URBAN AND REGIONAL INFORMATION SYSTEMS ASSOCIATION MSN ENV ST LAND INFO STU LD INFO ST (133-N785)	22,000.00
89.	WISTAF MADISON, WI LAIP CIVIL UNIT FOR THE PERIOD 01-01-89 THRU 01-20-90 MSN LAW LAW SCHOOL LAIP (133-N786)	20,000.00

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90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)	964.37
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	700.00
92.	UNIVERSITY OF ZIMBABWE MARARE, ZIMBABWE LAND TENURE CENTER TRAINING PROGRAM FUND MSN AG&LSC LAND TENURE CTR (133-5269)	12,249.00
93.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	325.00 MULTIPLE DONORS 13,500.00 JOHNSON WAX FUND RACINE, WI 150.00 MULTIPLE DONORS 100.00 MULTIPLE DONORS	
		14,075.00
94.	JUNG (J W) SEED COMPANY RANDOLPH, WI SUPPORT AN EXCELLENCE IN TEACHING AWARD, A SCHOLARSHIP OR OTHER APPROPRIATE USE AS DETERMINED BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES IN ACCORDANCE WITH TERMS PREVIOUSLY ACCEPTED MSN AG&LSC ADMIN-DEAN & DIR (133-6103)	500.00
95.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)	10.00
96.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)	75.00
97.	COUNCIL FOR CHEMICAL RESEARCH, INC. BETHLEHEM, PA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-8366)	5,850.00
98.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC MSN HS-MED ANESTHESIOLOGY (133-8682)	132,870.00

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99. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND
MSN AG&LSC N R-ENVIR AWARE (133-8925) 250.00
100. SCHOOL OF JOURNALISM AND MASS COMMUNICATION
DISCRETIONARY ACCOUNT
MSN L&S JOURN & MASS COM (133-9465)
- | | | |
|----------|--|----------|
| 900.00 | COUNCIL FOR THE ADVANCEMENT OF SCIENCE
WRITING, INC.
GREENLAWN, NY | |
| 1,000.00 | LANDS' END, INC.
DODGEVILLE, WI | |
| 375.00 | MULTIPLE DONORS | |
| 65.00 | MULTIPLE DONORS | |
| 100.00 | MULTIPLE DONORS | |
| | | 2,440.00 |
101. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL
CLINICS
MSN HS-MED FAM MED & PRACT (133-9582) 15,000.00

PHYSICAL PLANT

1. UNIVERSITY RESEARCH PARK, INC.
MADISON, WI
RESEARCH PARK INFRASTRUCTURE
MSN GRAD ADMINISTRATION ADMIN (133-N460) 218,000.00

RESEARCH

1. ABBOTT LABORATORIES
ABBOTT PARK, IL
MATERIALS TRANSFER AGREEMENT
MSN HS-MED PATHOL & LAB MED ANAT PATH
2. WISCONSIN HOSPITAL ASSOCIATION
SHARED SERVICE PROGRAM
MADISON, WI
CLINICAL ENGINEERING SERVICE FOR THE
PERIOD 01-01-88 THRU 12-31-89
MSN ENGR INSTRUM SYST CTR
3. EARNINGS ON MISC. INVESTMENTS
MORRELL, SUSAN M.--MEDICAL RESEARCH
MSN HS-MED ADMINISTRATION DEANS OFFC (TRUST) 34.63
4. EARNINGS ON MISC. INVESTMENTS
PHANEUF, DUANE--MEDICAL RESEARCH
MSN HS-MED (TRUST) 108.92

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RESEARCH

5.	NORWEST BANK MINNESOTA N.A. MINNEAPOLIS, MN LYNUM, EDITH H. TRUST LYNUM, EDITH H.--MEDICAL RESEARCH FUND MSN HS-MED	(TRUST)	5,251.64
6.	BAXANDALL, EVELYN L. OSHKOSH, WI NEUROLOGY DEPARTMENT--RESEARCH FUND MSN HS-MED NEUROLOGY	(TRUST)	300.00
7.	MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	
	175.00 MULTIPLE DONORS HUSTON, ERWIN M.D.		\$ 75.00
	300.00 MILWAUKEE, WI FIEDLER, GEORGE A. SR. & JR. M.D.		\$ 100.00
	MOUNT PLEASANT, TN		\$ 100.00
	OLSEN, WARD & MARGARET--MADISON, WI		\$ 100.00
	CHREST, CLARENCE & THELMA TUCSON, AZ		\$ 100.00
			475.00
8.	NORTHERN TRUST COMPANY CHICAGO, IL DEPARTMENT OF PSYCHIATRY--RESEARCH FUND MSN HS-MED PSYCHIATRY	(TRUST)	20,000.00
9.	MULTIPLE DONORS HUMAN ONCOLOGY--DISCRETIONARY ACCOUNT MSN HS-MED HUMAN ONCOLOGY	(TRUST)	3,725.00
10.	FIRST WISCONSIN-MADISON PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK RESEARCH FUND IN CONSERVATION MSN AG&LSC NAT RSRCS- ADMIN	(TRUST)	879.57
11.	SIMES TRUST WAUNAKEE, WI HYPERTHERMIA STUDIES RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(TRUST)	500.00
12.	BOEING ADVANCED SYSTEMS SEATTLE, WA COMPUTER SCIENCES DEPARTMENT-FACULTY RESEARCH GRANT MSN L&S COMPUTER SCI	(TRUST)	20,000.00
13.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	(TRUST)	
	2,000.00 MERKLEY, AGNES K. ESTATE OSHKOSH, WI		\$ 1000.00
	625.00 MULTIPLE DONORS		\$ 1053.00
	2,053.00 WICKSTROM, MR. & MRS. RALPH L. RIPON, WI MULTIPLE DONORS		\$ 1053.00
			4,678.00

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- | | | | |
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| 14. | MULTIPLE DONORS
WISCONSIN CLINICAL CANCER CENTER--RESEARCH
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 828.00 |
| 15. | FIRST WISCONSIN TRUST COMPANY
MILWAUKEE, WI
BOWMAN TRUST
BOWMAN, JONATHAN--CANCER RESEARCH
MSN HS-MED ONCOLOGY | (TRUST) | 96,840.28 |
| 16. | MULTIPLE DONORS
HUMAN ONCOLOGY--GENERAL RESEARCH SUPPORT-
DR. TORMEY
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 163.00 |
| 17. | FUCHS, FLORENCE S. ESTATE
BARABOO, WI
FUCHS, FLORENCE S.--CANCER RESEARCH
MSN HS-MED ONCOLOGY | (TRUST) | 500.00 |
| 18. | FRITTS, ELPHIA FLUGUM
RUMPF LAW OFFICES
STOUGHTON, WI
PRINCIPAL AND INCOME FOR CANCER RESEARCH
FRITTS, ELPHIA FLUGUM--CANCER RESEARCH
MSN HS-MED ONCOLOGY | (TRUST) | 125,000.00 |
| 19. | AGRICULTURE, DEPT OF
HYATTSVILLE, MD
EVALUATION OF IMMUNOBLOTTING FOR PRION PROTEIN AS
A DIAGNOSTIC TEST FOR NATURAL SHEEP SCRAPIE
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # 12-34-93-0091-GR
MSN AG&LSC VETERINARY SCI | (144-AT33) | 43,200.00 |
| 20. | AGRICULTURE, DEPT OF
MADISON, WI
GENERATION OF NEW TECHNIQUES FOR BUILDING LONG
SPAN TIMBER BRIDGES
FOR THE PERIOD 02-01-89 THROUGH 06-30-90
AWARD # FP-89-1158
MSN ENGR CIVIL & ENV ENGR | (144-AT88) | 51,990.00 |
| 21. | AGRICULTURE, DEPT OF
MINNEAPOLIS, MN
SUPPORT OF AGRICULTURAL RESEARCH
OF MUTUAL INTEREST
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AT A TOTAL COST OF \$1,053,040.00
AWARD # 58-5114-7-2003 NO. 2, MOD. 1
MSN AG&LSC ADMIN-DEAN & DIR | (144-AQ08) | 5,940.00 |
| 22. | COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING: | | |

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- 1) STORM RESEARCH PROGRAM
FOR THE PERIOD 05-01-84 THROUGH 08-31-89
AT A TOTAL COST OF \$950,868.00
AWARD # NA84AA-H-00028, MOD. 7
MSN GRAD SPACE SCI&ENG CT (144-U417) 35,767.00
- 2) COOPERATIVE INSTITUTE FOR METEOROLOGICAL
SATELLITE STUDIES (CIMSS)
FOR THE PERIOD 02-01-86 THROUGH 11-30-89
AT A TOTAL COST OF \$1,030,793.00
AWARD # NA86AA-H-A1036, MOD. 5
MSN GRAD SPACE SCI&ENG CT (144-X679) 240,229.00
23. EDUCATION, DEPT OF
WASHINGTON, DC
NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # GO08690007-89
MSN EDUC WIS CTR EDUC RES (144-AR65) 1,100,000.00
24. DHHS, OFFICE OF THE SECRETARY
WASHINGTON, DC
INSTITUTE FOR RESEARCH ON POVERTY-SMALL GRANTS FOR
VISITORS PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 09-30-91
AT A TOTAL COST OF \$882,898.00
AWARD # GRANT #87ASPEO41A, MOD. 2
MSN L&S INST-RES ON POV (144-Z327) 498,066.00
25. KENOSHA COUNTY DEPT OF SOCIAL SERVICES
KENOSHA, WI
PRIME CONTRACTOR WITH DHHS OS
RESEARCH INTO THE WISCONSIN EMPLOYMENT AND
JOB TRAINING PROGRAM
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # CONTRACT #10-RR
MSN L&S LAFOLLET PUBL AF (144-AT79) 191,430.00
26. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
PARENT-INFANT DEVELOPMENT PROGRAM
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # H1028
MSN HS-PSY PSYCHIATRIC INST (144-AT32) 78,373.00
27. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) FACTORS CONTROLLING SUSCEPTIBILITY
TO MAMMARY CANCER
FOR THE PERIOD 04-05-88 THROUGH 03-31-89
AT A TOTAL COST OF \$120,990.00
AWARD # 2 RO1 CA28954-07A1, MOD. 2
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AG30) 2,327.00

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- 2) ANIMAL RESERVOIRS OF BORRELIA BURGDOFERI
(REDUCTION TO REFLECT FUNDING AGENCY CORRECTION
IN THE AMOUNT OF INDIRECT COSTS PROVIDED)
FOR THE PERIOD 09-30-88 THROUGH 08-31-89
AT A TOTAL COST OF \$62,014.00
AWARD # 1 R29 AI24433-01A1, MOD. 1
MSN VET M MEDICAL SCIENCES (144-AQ88) 1,540.00-
- 3) PROCOLLAGEN: SECRETION, ASSEMBLY
AND CELL RECEPTORS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 5 RO1 AR38174-03
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AS27) 146,146.00
- 4) ESTABLISHMENT OF A CLINICAL NUTRITION RESEARCH
UNIT
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 5 P30 DK26659-10
MSN HS-MED MEDICINE ENDOCRINOL (144-AS67) 219,278.00
- 5) SPECTROSCOPIC STUDIES OF ENZYME-SUBSTRATE
COMPLEXES
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 RO1 GM35752-04
MSN GRAD ENZYME INSTITUTE (144-AS83) 157,065.00
- 6) CONTROL PROCESSES IN MAMMALIAN CELLS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 RO1 DK10334-24
MSN GRAD ENZYME INSTITUTE (144-AS84) 251,749.00
- 7) DETERMINATION OF ENZYME MECHANISMS BY KINETIC
STUDIES
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R37 GM18938-18
MSN GRAD ENZYME INSTITUTE (144-AS89) 204,646.00
- 8) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 F32 GM12293-02
MSN AG&LSC BIOCHEMISTRY (144-AS91) 21,000.00
- 9) IMMUNOBIOLOGY OF AFRICAN TRYPANOSOMIASIS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 RO1 AI22441-05
MSN AG&LSC VETERINARY SCI (144-AS93) 242,362.00
- 10) ALTERATIONS OF METABOLISM IN ISCHEMIC MYOCARDIUM
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 RO1 HL32350-06
MSN HS-MED MEDICINE CARDIOLOGY (144-AT02) 157,589.00
- 11) TRACER KINETICS EVALUATING POSITRON TOMOGRAPHY
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 1 RO1 HL41914-01
MSN HS-MED MEDICINE CARDIOLOGY (144-AT04) 204,539.00

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| 12) ION EFFECTS ON INTERACTIONS OF RNA POLYMERASE
AND DNA
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 GM23467-13
MSN L&S CHEMISTRY | (144-AT14) | 275,889.00 |
| 13) STUDIES OF NON-CATECHOLIC L-DOPA ANALOGS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # 1 R29 NS26621-01
MSN HS-MED MEDICAL PHYSICS | (144-AT18) | 91,791.00 |
| 14) MOLECULAR BASIS OF TRANSLATIONAL FIDELITY
IN EUKARYOTES
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 GM26217-10
MSN GRAD MOLECULAR BIOL | (144-AT19) | 151,752.00 |
| 15) CARCINOGEN-TRANSFORMED HUMAN CELLS:
GENETIC TRAITS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R37 CA42024-05
MSN HS-MED ONCOLOGY | (144-AT27) | 168,826.00 |
| 16) BIOLOGICAL AND MOLECULAR STUDIES
OF A-MULV TUMORIGENESIS
FOR THE PERIOD 01-06-89 THROUGH 12-31-89
AWARD # 2 R01 CA41302-04
MSN HS-MED ONCOLOGY | (144-AT30) | 114,574.00 |
| 17) VIRAL INDUCED ALTERATIONS IN POSTNATAL
PULMONARY GROWTH
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 HL33441-05
MSN VET M PATHOBIOLOGCL SCI | (144-AT52) | 79,435.00 |
| 18) GENETIC ANALYSIS OF BACILLUS SUBTILIS
AMYLASE SYNTHESIS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 GM34324-05
MSN AG&LSC BACTERIOLOGY | (144-AT53) | 135,104.00 |
| 19) REGULATION OF THE HEAT SHOCK RESPONSE
IN E. COLI
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 GM36278-04
MSN AG&LSC BACTERIOLOGY | (144-AT55) | 154,168.00 |
| 20) MYOSIN ISOENZYMES AND CONTRACTION IN DEVELOPING
MUSCLES
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 R01 AR31806-07
MSN HS-MED PHYSIOLOGY | (144-AT58) | 132,064.00 |
| 21) ROLE OF EPIDERMAL GROWTH FACTOR IN MAMMARY GLAND
DEVELOPMENT
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 1 R29 HD24094-01A1
MSN AG&LSC DAIRY SCIENCE | (144-AT64) | 63,589.00 |

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- 22) IMMUNOBIOLOGY OF SCHISTOSOME-MOLLUSC INTERACTIONS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 5 RO1 AI15503-12
MSN VET M PATHOBIOLGCL SCI (144-AT65) 80,421.00
- 23) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 1 F32 HLO7786-01A1
MSN HS-MED PHYSIOLOGY (144-AT77) 20,004.00
- 24) REGULATORY SITES IN PRO- AND EUKARYOTIC GENOMES
FOR THE PERIOD 02-01-89 THROUGH 01-31-90
AWARD # 5 RO1 GM21812-15
MSN AG&LSC GENETICS (144-AT86) 353,677.00
- 25) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
(REDUCTION DUE TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 09-15-87 THROUGH 09-14-88
AT A TOTAL COST OF \$17,926.00
AWARD # 5 F32 GM11546-02, MOD. 1
MSN L&S CHEMISTRY (144-Z910) 2,078.00-
28. LKC TECHNOLOGIES, INC
GAITHERSBURG, MD
PRIME CONTRACTOR WITH DHHS PHS NIH
ELECTRORETINOGRAPHIC TEST TO MONITOR RETINAL
ISCHEMIA
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # P.O. #T.9.003.1180
MSN HS-MED OPHTHALMOLOGY (144-AT78) 56,370.00
29. WASHINGTON UNIVERSITY
ST LOUIS, MO
PRIME CONTRACTOR WITH DHHS PHS NIH
INHIBITORS OF RETROVIRAL PROTEASE
FOR THE PERIOD 09-30-88 THROUGH 08-31-89
AWARD # AGREEMENT #WU 89-06
MSN HS-PHR PHARMACY (144-AS14) 101,739.00
30. UNIVERSITY OF MINNESOTA
ST. PAUL, MN
PRIME CONTRACTOR WITH DHHS PHS NIH
ESTROGEN CARCINOGENESIS AND HORMONE DEPENDENT
TUMORS
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AWARD # AGR DTD 01/10/89
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AS57) 41,975.00
31. DOD, AIR FORCE
BOLLING AFB, DC
IN SUPPORT OF THE FOLLOWING:
- 1) PROBLEMS IN NONLINEAR CONTINUUM DYNAMICS
FOR THE PERIOD 10-15-88 THROUGH 10-14-89
AWARD # AFOSR-87-0315
MSN L&S CTR MATH SCI (144-AR33) 65,540.00

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- 2) A FAST ALGORITHM FOR NON-NEWTONIAN FLOW
FOR THE PERIOD 12-15-88 THROUGH 12-14-89
AWARD # AFOSR-89-O220
MSN ENGR ENGR MECHANICS (144-AT71) 53,454.00
32. DOD, ARMY
FREDERICK, MD
ABILITY OF BLOOD WITH ALTERED OXYGEN AFFINITY AND
HEMOGLOBIN SOLUTIONS TO DELIVER OXYGEN
FOR THE PERIOD 11-15-88 THROUGH 12-14-91
AT A TOTAL COST OF \$179,223.00
AWARD # DAMD17-89-Z-9004, MOD. 1
MSN HS-MED MEDICINE HEMATOLOGY (144-AR98) 21,090.00
33. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) SYSTEMS OF EVOLUTION EQUATIONS IN
THERMOCHEMICAL EQUATIONS
FOR THE PERIOD 09-01-88 THROUGH 08-31-90
AT A TOTAL COST OF \$29,734.00
AWARD # DAALO3-88-K-O185, MOD. 1
MSN L&S CTR MATH SCI (144-AN34) 16,315.00
- 2) SPLINE FUNCTIONS AND SURFACES
FOR THE PERIOD 05-23-87 THROUGH 05-22-90
AT A TOTAL COST OF \$225,000.00
AWARD # DAALO3-87-K-0030, MOD. 2
MSN L&S CTR MATH SCI (144-Z092) 75,000.00
- 3) INTERDISCIPLINARY RESEARCH ON
VISCOELASTICITY AND RHEOLOGY
FOR THE PERIOD 05-23-87 THROUGH 05-22-90
AT A TOTAL COST OF \$180,000.00
AWARD # DAALO3-87-K-0036, MOD. 3
MSN L&S CTR MATH SCI (144-Z129) 60,000.00
- 4) SOME PROBLEMS IN NONLINEAR ANALYSIS
FOR THE PERIOD 05-23-87 THROUGH 05-22-90
AT A TOTAL COST OF \$180,000.00
AWARD # DAALO3-87-K-0043
MSN L&S CTR MATH SCI (144-Z130) 60,000.00
34. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) TYPHOON MONITORING USING PASSIVE MICROWAVE
OBSERVATIONS
FOR THE PERIOD 04-01-88 THROUGH 09-30-89
AT A TOTAL COST OF \$70,000.00
AWARD # NO0014-88-K-O711
MSN GRAD SPACE SCI&ENG CT (144-AQ70) 44,000.00

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- 2) REVISION AND NEW EDITION OF ACOUSTICAL OCEANOGRAPHY
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # NO0014-89-J-1514
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AT82) 49,996.00
- 3) SOURCE LOCATION IN WAVEGUIDES
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # NO0014-89-J-1515
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AT83) 57,561.00
- 4) AN ACOUSTICAL STUDY OF NEKTON AND ZOOPLANKTON AT WATER TYPE BOUNDRIES AND FRONTS IN THE OCEAN
FOR THE PERIOD 10-01-88 THROUGH 04-30-89
AWARD # NO0014-89-J-1485
MSN L&S LIMNOLOGY CTR (144-AT85) 134,071.00
35. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) A STUDY OF THE PHYSICAL-CHEMICAL MECHANISMS AND VARIABLES WHICH AFFECT THE TRANSPORT OF INORGANIC AND ORGANIC HETEROGENEOUS SYSTEMS
FOR THE PERIOD 12-15-88 THROUGH 12-14-89
AWARD # DE-FG02-87ER60508
MSN ENGR ENGR EXPER STA WSEL (144-AT13) 90,000.00
- 2) MASS AND ENERGY BUDGETS OF ANIMALS: BEHAVIORAL AND ECOLOGICAL IMPLICATIONS
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # DE-FG02-88ER60633, MOD. 2
MSN L&S ZOOLOGY (144-AT15) 185,000.00
36. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
BARREL CALORIMETER (BCAL) MODULE PRODUCTION
FOR THE PERIOD 12-19-88 THROUGH 12-31-89
AWARD # 83482401
MSN L&S PHYSICS (144-AT11) 127,800.00
37. UNIVERSITY RESEARCH ASSOCIATION
BERKELEY, CA
PRIME CONTRACTOR WITH DOE
SSC SUPERCONDUCTING WIRE PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # UAR 088-031
MSN ENGR ENGR EXPER STA SUPERCONDT (144-AT16) 50,000.00
38. WESTINGHOUSE ELECTRIC CORPORATION
MADISON, PA
PRIME CONTRACTOR WITH DOE
CONDENSATION EXPERIMENTS
FOR THE PERIOD 03-08-88 THROUGH 09-30-89
AT A TOTAL COST OF \$45,000.00
AWARD # SUBCONTRACT #MN99415H, MOD. 1
MSN ENGR NUC ENGR&E PHYSC (144-AF45) 30,000.00

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39. ALCOA SEPARATIONS TECHNOLOGY DIVISION
WARRENDALE, PA
PRIME CONTRACTOR WITH DOE
HIGH TEMPERATURE CATALYTIC MEMBRANE REACTOR
FOR THE PERIOD 09-30-88 THROUGH 09-30-89
AWARD # AGR #DE-FC07-88ID12778
MSN ENGR ENGR EXPR STA WSEL (144-AT73) 107,000.00
40. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH EPA
DEVELOPING CRITERIA TO EVALUATE FARM SITE
CHARACTERISTICS TO DETERMINE GROUNDWATER POLLUTION
VULNERABILITY
FOR THE PERIOD 12-22-88 THROUGH 09-30-89
AWARD # PO #NRI 92094
MSN AG&LSC ENVIR RSRCS CTR (144-AT25) 25,053.00
41. LABOR, DEPT OF
WASHINGTON, DC
EFFORTS TO SOLVE QUALITY PROBLEMS
FOR THE PERIOD 12-06-88 THROUGH 06-05-89
AWARD # PO #99-9-4791-75-048-04
MSN L&S IND REL RES INST (144-AT80) 24,310.00
42. MCDONNELL DOUGLAS ASTRONAUTICS COMPANY
HUNTINGTON BEACH, CA
PRIME CONTRACTOR WITH NASA
ANALYSIS OF REQUIREMENTS FOR A CONTROLLED
ECOLOGICAL LIFE SUPPORT SYSTEM (CELSS)
FOR THE PERIOD 07-05-88 THROUGH 12-31-88
AT A TOTAL COST OF \$49,900.00
AWARD # NO. 87916016, MOD. 1
MSN ENGR ENGR EXPR STA SPAC COMM (144-AQ93) 25,000.00
43. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS OF POLAR CLOUDS FROM SATELLITE
DATA USING PATTERN RECOGNITION TECHNIQUES
FOR THE PERIOD 01-15-89 THROUGH 01-14-90
AWARD # NAG 5-1117
MSN GRAD SPACE SCI&ENG CT (144-AT57) 49,984.00
- 2) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER
FOR THE PERIOD 03-10-80 THROUGH 08-06-89
AT A TOTAL COST OF \$6,234,372.00
AWARD # NAS5-26078, MOD. 24
MSN GRAD SPACE SCI&ENG CT (144-P296) 251,000.00
- 3) THE USE OF AVAILABLE POTENTIAL ENERGY TO ACCESS
THE IMPACT OF WIND PROFILER DATA ON NUMERICAL
WEATHER
FOR THE PERIOD 01-01-84 THROUGH 04-30-89
AT A TOTAL COST OF \$217,640.00
AWARD # NAG5-385, MOD. 6
MSN L&S METEOROLOGY (144-U014) 14,551.00

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44. NASA, HEADQUARTERS
WASHINGTON, DC
FABRY-PEROT GROUND-BASED OBSERVATIONS OF
COMETS AND THE JUPITER PLASMA TORUS
FOR THE PERIOD 01-15-88 THROUGH 01-14-90
AT A TOTAL COST OF \$215,000.00
AWARD # NAGW-695, MOD. 4
MSN L&S PHYSICS (144-AC79) 45,000.00
45. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE
CONSTITUTION AND THE BILL OF RIGHTS
FOR THE PERIOD 07-01-87 THROUGH 06-30-89
AT A TOTAL COST OF \$148,255.55
AWARD # RE-20632-87, MOD. 7
MSN L&S HISTORY (144-Z264) 5,250.00
46. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
THE HISTORY OF EPIDEMICS AND THEIR SOCIAL IMPACT
(REDUCTION DUE TO AGENCY INCORRECTLY INCLUDING
GIFT FUNDS IN ORIGINAL AWARD)
FOR THE PERIOD 12-01-88 THROUGH 05-31-89
AT A TOTAL COST OF \$2,250.00
AWARD # FY89-3P
MSN L&S HUM-INST FOR RES (144-AS68) 1,000.00-
47. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) GENETICS OF SEGREGATION DISTORTION
IN DROSOPHILA
FOR THE PERIOD 11-01-87 THROUGH 04-30-90
AT A TOTAL COST OF \$220,000.00
AWARD # DCB-8709888, MOD. 1
MSN AG&LSC GENETICS (144-AA89) 110,000.00
- 2) THE MOLECULAR BASIS OF THE INTERACTION BETWEEN
BRADYRHIZOBIUM JAPONICUM AND THE RF1 NODULATION
GENE OF SOYBEAN
FOR THE PERIOD 10-01-87 THROUGH 01-31-88
AWARD # BSR-8896164
MSN AG&LSC AGRONOMY (144-AD63) 5,700.00
- 3) INTERANNUAL VARIABILITY OF TROPICAL CLIMATE
FOR THE PERIOD 05-01-88 THROUGH 10-31-90
AT A TOTAL COST OF \$249,474.00
AWARD # ATM-8722410, MOD. 1
MSN L&S METEOROLOGY (144-AG21) 124,737.00
- 4) CONSTRUCTION OF MAXIMUM, A MULTIPLE APPLICATION
X-RAY IMAGING UNDULATOR MICROSCOPE
(MATERIALS RESEARCH)
FOR THE PERIOD 05-15-88 THROUGH 10-31-89
AT A TOTAL COST OF \$250,000.00
AWARD # DMR-8713455, MOD. 1
MSN ENGR ENGR EXPER STA X-RAY LITH (144-AH47) 150,000.00

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- 5) MATHEMATICAL SCIENCES:
INDEX THEORIES FOR G-SPACES AND FIXED POINTS
FOR THE PERIOD 06-15-88 THROUGH 11-30-90
AT A TOTAL COST OF \$101,500.00
AWARD # DMS-8722295, MOD. 1
MSN L&S MATHEMATICS (144-AH75) 52,000.00
- 6) THE YOUNG CHILD'S ACQUISITION OF RACIAL AND
ETHNIC CATEGORIES
FOR THE PERIOD 01-01-89 THROUGH 08-31-89
AWARD # INT-8814397
MSN L&S ANTHROPOLOGY (144-AR78) 24,250.00
- 7) DIGITAL SIGNAL PROCESSING SONAR RECEIVER (RXDSP)
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # OCE-8817171
MSN L&S GEOL & GEOPHYSCS GEO&POL R (144-AT28) 69,120.00
- 8) THEORY OF PHYSICALLY ADSORBED LAYERS
FOR THE PERIOD 01-15-89 THROUGH 12-31-89
AWARD # DMR-8817761
MSN L&S PHYSICS (144-AT34) 41,000.00
- 9) DOCTORAL DISSERTATION IN SOCIOLOGY
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # SES-8814063
MSN L&S SOCIOLOGY (144-AT46) 4,200.00
- 10) PURCHASE OF A DYNAMIC MECHANICAL ANALYZER
FOR THE PERIOD 01-15-89 THROUGH 12-31-89
AWARD # DMR-8815200
MSN ENGR CHEMICAL ENGR (144-AT47) 40,000.00
- 11) STUDY OF NONLINEAR WAVE PLASMA INTERACTION
- REU SUPPLEMENT
FOR THE PERIOD 07-15-87 THROUGH 12-31-89
AWARD # ECS-8704529
MSN ENGR NUC ENGR&E PHYSC (144-AT56) 8,000.00
- 12) COHMAP -- COOPERATIVE HOLOCENE MAPPING PROJECT
FOR THE PERIOD 09-01-87 THROUGH 01-31-90
AWARD # ATM-8713227 MOD. 2
MSN ENV ST CTR FOR CLIM RES CTR FOR CL (144-AT72) 116,100.00
- 13) U.S.-AUSTRALIA COOPERATIVE RESEARCH:
AUTOTROPHY AND HETEROTROPHY IN
ALGAL-INVERTEBRATE SYMBIOSES
FOR THE PERIOD 01-15-89 THROUGH 12-31-89
AWARD # INT-8814504
MSN L&S LIMNOLOGY CTR (144-AT90) 6,500.00
- 14) ROA: COMPARATIVE STUDIES OF A SUITE OF
LAKES IN WISCONSIN
FOR THE PERIOD 01-01-86 THROUGH 06-30-90
AT A TOTAL COST OF \$1,693,944.00
AWARD # BSR-8514330, MOD. 6
MSN L&S LIMNOLOGY CTR (144-X524) 375,000.00

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- 15) INTERMOLECULAR BONDING AND MICROPHASE
SEPARATION IN POLYURETHANE BLOCK POLYMERS
(MATERIALS RESEARCH)
FOR THE PERIOD 07-01-86 THROUGH 06-30-90
AT A TOTAL COST OF \$286,200.00
AWARD # DMR-8603839, MOD. 3
MSN ENGR CHEMICAL ENGR (144-X774) 87,200.00
- 16) MATHEMATICAL SCIENCES: PROBABILITY MEASURES
ON VECTOR SPACES; BASIC RESULTS AND APPLICATIONS
FOR THE PERIOD 05-15-86 THROUGH 10-31-90
AT A TOTAL COST OF \$157,705.00
AWARD # DMS-8521586, MOD. 3
MSN L&S MATHEMATICS (144-X837) 40,750.00
- 17) THE ROBUST HURWITZ DESIGN PROBLEM
FOR THE PERIOD 09-15-86 THROUGH 02-28-90
AT A TOTAL COST OF \$214,300.00
AWARD # ECS-8612948, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Y533) 74,300.00
- 18) CRYSTALLOGRAPHIC DISORDER ON SURFACES
(MATERIALS RESEARCH)
FOR THE PERIOD 02-01-87 THROUGH 07-31-90
AT A TOTAL COST OF \$406,000.00
AWARD # DMR-8615089, MOD. 2
MSN ENGR MAT SCI & ENGR (144-Y954) 146,000.00
- 19) MATHEMATICAL SCIENCES: INTEGRAL REPRESENTATIONS
AND COMMUTATIVE RINGS
FOR THE PERIOD 05-15-87 THROUGH 10-31-90
AT A TOTAL COST OF \$77,100.00
AWARD # DMS-8620430, MOD. 2
MSN L&S MATHEMATICS (144-Z159) 27,500.00
- 20) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
(COMPUTER AND INFORMATION SCIENCE)
FOR THE PERIOD 06-15-87 THROUGH 11-30-90
AT A TOTAL COST OF \$125,000.00
AWARD # IRI-8657323, MOD. 2
MSN L&S COMPUTER SCI (144-Z345) 62,500.00
- 21) PRESIDENTIAL YOUNG INVESTIGATOR AWARD: NUCLEAR
MAGNETIC RESONANCE INVESTIGATION OF ADSORBED
SPECIES
FOR THE PERIOD 08-01-87 THROUGH 01-31-90
AT A TOTAL COST OF \$105,000.00
AWARD # CBT-8657496, MOD. 2
MSN ENGR CHEMICAL ENGR (144-Z854) 35,000.00
48. U.S.-SPAIN JOINT COMMITTEE FOR SCIENTIFIC
AND TECHNOLOGICAL COOPERATION
MADRID, SPAIN
PRIME CONTRACTOR WITH STATE
NUCLEAR MAGNETIC RESONANCE STUDIES
OF LIVING TISSUE
FOR THE PERIOD 06-01-86 THROUGH 05-31-89
AT A TOTAL COST OF \$71,030.00
AWARD # CCA8510098
MSN AG&LSC BIOCHEMISTRY (144-Y036) 12,545.50

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49.	VETERANS ADMIN MADISON, WI SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING FOR THE PERIOD 04-01-87 THROUGH 12-31-88 AT A TOTAL COST OF \$34,377.60 AWARD # 607D75355, MOD. 6 MSN HS-MED RADIOLOGY	DIAGNOSTIC (144-Z288)	10,332.14
50.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	195.00
51.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	500.00 UNITED WAY OF SOUTH WOOD COUNTY, INC. WISCONSIN RAPIDS, WI		
	1,000.00 ESTATE OF STANLEY W. FLEEK BRODHEAD, WI		
	100.00 MULTIPLE DONORS		
			1,600.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	12,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	22,168.00
54.	BENJAMIN BROOKS M.D. MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	2,138.32
55.	PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	
	975.00 SUN SEEDS GENETICS, INC. HOLLISTER, CA		
	700.00 BONIS & COMPANY, LTD LINDSAY, ONTARIO, CANADA		
	1,200.00 CANNERS SEED CORPORATION LEWISVILLE, ID		
			2,875.00
56.	E.R. SQUIBB & SONS, INC. PRINCETON, NJ PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-B193)	3,000.00

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57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B573)	17,435.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B574)	18,375.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIO-THORACIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B575)	21,937.00
60.	MULTIPLE DONORS DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	174.21
61.	REHRIG PACIFIC COMPANY LOS ANGELES, CA STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	3,400.00
62.	AMERICAN CYANAMID COMPANY WAYNE, NJ CLINICAL MICROBIOLOGY LABORATORY FUND MSN HS-MED MED MICROBIOLOGY	(133-C795)	500.00
63.	E. I. DUPONT DE NEMOURS & CO. WILMINGTON, DE CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	9,000.00
64.	NELSON E. BALKE MADISON, WI PHYSIOLOGICAL ASPECTS OF WEED GROWTH AND CONTROL MSN AG&LSC AGRONOMY	(133-D044)	1,500.00
65.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	3,500.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	2,000.00 E. I. DUPONT DE NEMOURS & CO. WILMINGTON, DE		
			5,500.00
66.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	150.00 MULTIPLE DONORS		
	5,000.00 E.R. SQUIBB & SONS, INC. PRINCETON, N.J.		
	600.00 RORER PHARMACEUTICALS FORT WASHINGTON, PA		
			5,750.00

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67.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)	150.00
68.	IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE (133-D706)	
	7,500.00 21ST CENTURY GENETICS SHAWANO, WI	
	500.00 KAMAR MARKETING GROUP EDEN PRAIRIE, MN	
		8,000.00
69.	MULTIPLE DONORS INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE INFECT DIS (133-D837)	150.00
70.	EDWARD M. & ANN M. RUHRUP HUDSON, IL TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY (133-E289)	1,201.00
71.	MULTIPLE DONORS SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S ZOOLOGY (133-E707)	118.37
72.	MULTIPLE DONORS HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY (133-E770)	300.00
73.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-F119)	3,500.00
74.	INSTITUTE OF FOOD TECHNOLOGISTS CHICAGO, IL GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE (133-F506)	2,500.00
75.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY (133-F535)	1,000.00
76.	MULTIPLE DONORS ANALYSIS OF LIVESTOCK MARKETING DATA MSN AG&LSC MEAT& ANIMAL SCI (133-F597)	250.00
77.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY (133-G648)	2,167.53

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78.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	6,200.00
79.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-G920)	69.21
80.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	821.00
81.	E.I. DU PONT DE NEMOURS & CO. WILMINGTON, DE WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	1,000.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACEUTICS FUND MSN HS-PHR PHARMACY	(133-H479)	1,000.00
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL GRADUATE GRANT MSN ENGR ENGR MECHANICS	(133-H774)	5,000.00
84.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	5,791.83
85.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-H971)	250.00
86.	WRIGLEY ARABIANS CHICAGO, IL PSP CLEARANCE IN THE HORSE MSN VET M MEDICAL SCIENCES	(133-J202)	1,666.66
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NURSING RESEARCH FUND MSN HS-NUR	(133-J357)	3,500.00
88.	MULTIPLE DONORS WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	480.00
89.	COMMUNICATIONS WORKERS OF AMERICA WASHINGTON, D.C. ERGONOMICS RESEARCH LABORATORY MSN ENGR INDUSTRIAL ENGR	(133-J403)	4,000.00

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90.	BRISTOL-MYERS COMPANY SYRACUSE, NY EST 2382 - STUDY OF PLATINOL & RADIATION THERAPY IN HEAD & NECK CANCER "CLIN" AWARD # STUDY #100-056-001 MSN HS-MED HUMAN ONCOLOGY EAST COOP (133-J439)	15,000.00
91.	LARGE ANIMAL RESEARCH MSN VET M SURGICAL SCI (133-J801)	
	1,666.67 WRIGLEY ARABIANS CHICAGO, IL	
	5,000.00 MINNESOTA MINING & MANUFACTURING COMPANY ST. PAUL, MN	
		6,666.67
92.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FLORENCE BLAKE FUND MSN HS-NUR (133-J805)	4,000.00
93.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN FLUOXETINE DOSE ESCALATION IN MDD MSN HS-PSY PSYCHIATRIC INST (133-J878)	7,000.00
94.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY (133-J959)	1,586.00
95.	WRIGLEY ARABIANS CHICAGO, IL EQUINE NEONATAL MEDICINE MSN VET M MEDICAL SCIENCES (133-K249)	1,666.67
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIABETIC RETINAL RESEARCH FUND MSN HS-MED OPHTHALMOLOGY (133-K318)	3,200.00
97.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHASE 1 STUDY OF CL 246,738 IN CANCER PATIENTS "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-K325)	13,911.00
98.	WISCONSIN CRANBERRY BOARD, INC. MADISON, WI IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC RESEARCH DIV (133-K409)	73,306.00
99.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF AZELASTINE, CONTROLLED RELEASE THEOPHYLLINE AND COMBINED AZELASTINE-THEOPHYLLINE THERAPY IN THE MANAGEMENT OF PATIENTS WITH NONSTERIOD DEPENDENT BRONCHIAL ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM (133-K437)	3,340.00

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100.	BAUSCH & LOMB ROCHESTER, NY PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K793)	14,000.00
101.	MULTIPLE DONORS CANINE ORTHOPEDIC RESEARCH MSN VET M SURGICAL SCI	(133-K816)	10.00
102.	TRI-STATE BREEDERS COOPERATIVE BARABOO, WI PROBING FOR GENETIC MARKERS IN BULL SEMIN MSN AG&LSC DAIRY SCIENCE	(133-K829)	1,500.00
103.	INSITE VISION, INC. OAKLAND, CA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K881)	12,500.00
104.	MULTIPLE DONORS WORK-STUDY SUPPORT IN JOINT PROJECT RESEARCH INVOLVING LIZARD BIOENERGETICS MSN L&S ZOOLOGY	(133-K975)	45.50
105.	STUART PHARMACEUTICALS WILMINGTON, DE TAMOXIFEN COMPLIANCE "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-L004)	28,200.00
106.	JOHNSON CONTROLS, INC. MILWAUKEE, WI SILICON MICROELECTRONICS RESEARCH AWARD # P.O.# M22201 MSN ENGR ENGR EXPER STA MICROELECT	(133-L071)	15,000.00
107.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	
	20,000.00 UNION CAMP PRINCETON, NJ		
	20,000.00 CHAMPION INTERNATIONAL CORPORATION WEST NYACK, NY		
			40,000.00
108.	ROCKEFELLER FOUNDATION NEW YORK, NY GENOME ORGANIZATION OF PYRICULARIA DRYZAE FOR THE PERIOD 12-15-86 THRU 12-14-89 AWARD # GA AS 8630 MSN AG&LSC PLANT PATHOLOGY	(133-L228)	50,000.00
109.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF EFFICACY AND SIDE EFFECTS OF NICARDIPINE HYDROCHLORIDE AND NIFEDIPINE IN THE TREATMENT OF STABLE ANGINE PECTORIS "CLIN" AWARD # 05-6283 MSN HS-MED MEDICINE	CARDIOLOGY (133-L235)	5,494.00

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110.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PATIENTS WITH PERIPHERAL SYMMETRICAL POLYNEUROPATHY "CLIN" AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	(133-L250)	42,000.00
111.	PROSPECT HILL FOUNDATION, INC. NEW YORK, NY WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL MSN LAW LAW SCHOOL	(133-L291)	5,000.00
112.	CHIBRET INTERNATIONAL RAHWAY, NJ THE CORRELATION OF AQUEOUS FLOW AND VASCULAR PERFUSION WITH VISUAL FIELD SURVIVAL IN CHRONIC OPEN ANGLE GLAUCOMA THERAPY MSN HS-MED OPHTHALMOLOGY	(133-L293)	9,600.00
113.	CAMPBELL SOUP COMPANY FAYETTEVILLE, AR STUDY POTENTIAL USE OF DOUBLE-MUSCLING GENE IN BROILERS MSN AG&LSC POULTRY SCIENCE	(133-L453)	25,000.00
114.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-L496)	250.00
115.	LUNAR RADIATION CORPORATION MADISON, WI 1-ALPHAHYDROXY VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-L597)	1,731.87
116.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAVE) FOLLOWING MYOCARDIAL INFARCTION: EFFECT OF CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE	CARDIOLOGY (133-L626)	6,000.00
117.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESPONSE STUDY COMPARING THE EFFICACY AND SAFETY OF 2.5 MG, 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVEN ONCE DAILY IN PATIENTS WITH STABLE ANGINA PECTORIS DUE TO CORONARY HEART DISEASE (P 57 P 5 T 10) "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-L892)	16,477.00
118.	WISCONSIN INNOVARIUM, LTD MILWAUKEE, WI WISCONSIN INNOVARIUM, LTD. SUPPORT OF RESEARCH AND GRADUATE ASSISTANTS IN THE FIELD OF MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS	(133-L895)	25,000.00

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119.	QUAKER OATS COMPANY BARRINGTON, IL DIETARY FIBER, LIPID AND XENOBIOTIC METABOLISM MSN AG&LSC NUTRITIONAL SCI (133-L989)	32,100.00
120.	GRAYSON FOUNDATION JACKSON, MS TRANSMISSION AND CLINICAL SIGNS OF BORRELIA BURGDORFERI INFECTION IN HORSES FOR THE PERIOD 09-01-87 THRU 10-31-88 REDUCED TO A \$21,944 LEVEL (SECOND YEAR SUPPORT DECLINED IN FAVOR OF FIVE-YEAR NIH GRANT) MSN VET M MEDICAL SCIENCES (133-M140)	14,510.00-
121.	PFIZER, INC. NEW YORK, NY OPEN, LONG TERM SERTRALINE THERAPY IN THE TREATMENT OF PATIENTS WITH OBSESSIVE-COMPULSIVE DISORDER "CLIN" AWARD # 86-N-0173 MSN HS-PSY PSYCHIATRIC INST (133-M144)	10,048.00
122.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PERITONEAL DIALYSIS RESEARCH MSN HS-PHR PHARMACY (133-M148)	2,000.00
123.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY (133-M167)	2,000.00
124.	KALI-DUPHAR LABORATORIES WORTHINGTON, OH FLUVOXAMINE IN THE TREATMENT OF OBSESSIVE COMPULSIVE DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST (133-M275)	38,648.80
125.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF THE SAFETY AND EFFICACY OF CONTROLLED-RELEASE NAPROXEN 500 MG BID IN PATIENTS WITH OSTEOARTHRITIS "CLIN" MSN HS-MED MEDICINE RHEUMATOL (133-M288)	4,674.00
126.	HOECHST CELANESE SUMMIT, NJ CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR (133-M322)	10,000.00
127.	MONSANTO COMPANY ST. LOUIS, MO STUDIES ON INITIATION AND PROMOTION IN DESEASE MSN HS-MED ONCOLOGY (133-M325)	10,000.00

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128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FELLOWSHIP PROGRAM FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN GRAD SCH OF BUSINESS SCH OF BUS (133-M370)	5,844.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FELLOWSHIP PROGRAM FOR THE PERIOD 01-01-89 TRHU 12-31-89 MSN GRAD EDUCATION EDUC PSYCH (133-M371)	12,700.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FELLOWSHIP PROGRAM FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN GRAD SCH OF NURSING SCH OF NUR (133-M372)	1,850.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "COIL OBLITERATION OF EXPERIMENTAL CANINE ANEURYSMS" MSN HS-MED RADIOLOGY DIAGNOSTIC (133-M390)	2,500.00
132.	NFL ALUMNI CHARITY GOLF CLASSIC MADISON, WI PEDIATRIC HEMATOLOGY/ONCOLOGY RESEARCH FUND MSN HS-MED PEDIATRICS (133-M477)	13,375.00
133.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME "CLIN" AWARD # 13783D MSN HS-MED PEDIATRICS (133-M479)	1,867.20
134.	INTERNATIONAL BUSINESS MACHINES CORPORATION HOPEWELL JUNCTION, NY GRAIN BOUNDARY OXIDATION OF LEAD ALLOYS FOR THE PERIOD 01-01-88 THRU 12-31-89 AWARD # 00965, PD #FE 206106 Z MSN ENGR MAT SCI & ENGR (133-M513)	88,500.00
135.	LUCE (THE HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIA STUDIES FOR THE PERIOD 01-01-88 THRU 12-31-89 MSN L&S SPECIAL PROJECTS SE ASIA ST (133-M554)	165,000.00
136.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM ENOXIMORE TREATMENT OF PATIENTS WITH MILD TO MODERATELY SEVERE HEART FAILURE FOLLOWING THEIR PARTICIPATION IN CONTROLLED SHORT TERM STUDIES "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-M556)	17,770.00

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137.	OPTOELECTRONICS B TEXTRON PETALUMA, CA LEAD SELENIDE INFRARED DETECTORS MSN L&S CHEMISTRY	(133-M573)	52,500.00
138.	C.D.O. UNIVERSITY HOSPITAL INTERNISTS MADISON, WI PULMONARY IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE PULMON MED	(133-M607)	2,953.46
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL FUNDS TO ATTEND "DIRECTORS" TITLE VI CENTERS & FELLOWSHIP PROGRAM ANUAL MEETING MSN L&S SPANISH & PORT IBERO-AMER	(133-M637)	800.00
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUNDING TO COLLABORATE WITH PORTUGUESE LAW AND SOCIETY SCHOLARS AT THE UNIVERSIDADE DE COIMBRA, PORTUGAL ON "PRIVATE GOVERNMENT & LONG TERM CONTINUING RELATIONS" MSN L&S SPANISH & PORT IBERO-AMER	(133-M638)	375.00
141.	SEARLE (G.D.) & CO. SKOKIE, IL A MULTICENTRE, RANDOMISED, DOUBLE-BLIND PARALLEL GROUP DOSE RESPONSE STUDY OF MILACEMIDE IN PATIENTS WITH MOOD DISORDERS "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-M661)	13,000.00
142.	UPJOHN COMPANY KALAMAZOO, MI UPJOHN FELLOWSHIP AWARD MSN HS-PHR PHARMACY	(133-M708)	18,000.00
143.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL VASCULAR MICROCORROSION CASTING "CLIN" MSN AG&LSC VETERINARY SCI	(133-M738)	4,500.00
144.	BOEHRINGER INGELHEIM PHARMACEUTICALS THE WOODLAND, TX A 90-DAY PARALLEL GROUP COMPARISON OF INHALED IPRATROPIUM (ATROVENT) AND PLACEBO IN THE MAINTENANCE TREATMENT OF PATIENTS WITH ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-M759)	10,200.00
145.	OCULINUM INC. BERKELEY, CA SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-M792)	1,000.00

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146.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A MULTICENTER STUDY OF FIORINAL WITH CODEINE #3 (1/2 GR), FIORINAL, CODEINE PHOSPHATE (30 MG), AND PLACEBO IN TENSION HEADACHE "CLIN" AWARD # 15-01 MSN HS-MED NEUROLOGY	(133-M852)	2,500.00
147.	RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA LOZOL R VS. DYAZIDE R IN THE TREATMENT OF ELDERLY HYPERTENSIVE PATIENTS "CLIN" MSN HS-MED MEDICINE	CLIN PHARM (133-M986)	25,000.00
148.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI NEURODYSPHAGIA CLINIC OPERATIONS MSN HS-MED NEUROLOGY	(133-NO24)	2,897.63
149.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN INVESTIGATION OF COLD WATER BANDAGES ON THE LOWER LIMB OF THE HORSE MSN VET M SURGICAL SCI	(133-NO56)	480.00
150.	SPENCER FOUNDATION CHICAGO, IL TEACHERS' WORK IN DIVERSE AMERICAN HIGH SCHOOLS FOR THE PERIOD 07-24-88 THRU 07-23-89 MSN EDUC WIS CTR EDUC RES	(133-NO69)	1,200.00
151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODELING, ANALYSIS AND PERTURBATION ANALYSIS OF MANUFACTURING AND DISCRETE EVENT SYSTEMS MSN ENGR INDUSTRIAL ENGR	(133-NO91)	10,000.00
152.	PENNSYLVANIA STATE UNIVERSITY UNIVERSITY PARK, PA DATA SETS AWARD # 239825 MSN GRAD INST-AGING&ADULT	(133-N117)	26,300.00
153.	MULTIPLE DONORS LARGE ANIMAL AND SMALL ANIMAL SKIN DISEASES MSN VET M MEDICAL SCIENCES	(133-N155)	350.00
154.	CASE (WENDY WILL) CANCER FUND, INC. CHICAGO, IL RADIOISOTOPE SCANNING SYSTEM MSN HS-MED HUMAN ONCOLOGY UWCC CENTE	(133-N200)	10,000.00
155.	ICI AMERICAS, INC. WILMINGTON, DE PHARMACOLOGY OF CARDIOPULMONARY TISSUES MSN HS-MED ANESTHESIOLOGY	(133-N239)	5,000.00

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156.	UPJOHN COMPANY KALAMAZOO, MI COLLABORATIVE FLEXIBLE-DOSE STUDY OF THE EFFICACY AND SAFETY OF DERACYN-SR TABLETS IN PANIC DISORDER WITH AGORAPHOBIA "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-N247)	285.00
157.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC NEUROBIOLOGY OF EXPLOSIVE VIOLENCE MSN HS-PSY PSYCHIATRIC INST	(133-N248)	3,500.00
158.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, PLACEBO-CONTROLLED EFFICACY AND SAFETY PROFILE OF SUPPLEMENTAL ONCE DAILY DOSING WITH VOLMAX TABLETS IN PATIENTS 12 YEARS OR OLDER WITH NOCTURNAL ASTHMA "CLIN" MSN HS-MED MEDICINE	ALLRGY&IMM (133-N262)	3,798.00
159.	UPJOHN COMPANY KALAMAZOO, MI TROPICAL FLURBIPROFEN IN SUNBURN PAIN MSN HS-MED MEDICINE	DERMATOLGY (133-N267)	19,440.00
160.	MARION LABORATORIES INC. KANSAS CITY, MO "DOSE RANGING EVALUATION OF DILTIAZEM HYDROCHLORIDE SUSTAINED RELEASE CAPSULES VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS" "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-N277)	19,584.00
161.	PFIZER, INC. NEW YORK, NY A DOUBLE-BLIND PARALLEL MULTI-SITE DOSE RESPONSE STUDY OF THE EFFICACY OF CETIRIZINE 5, 10, 20 MG H.S. VERSUS PLACEBO FOR THE TREATMENT OF SEASONAL ALLERGIC RHINITIS WHEN GIVEN PRIOR TO ONSET OF THE SYMPTOMS "CLIN" MSN HS-MED MEDICINE	ALLRGY&IMM (133-N290)	39,660.00
162.	VITAPHORE CORPORATION SAN CARLOS, CA PROSPECTIVE STUDY OF A NOVEL SKIN INTERFACE BARRIER FOR PREVENTION OF IV-CATHETER-RELATED INFECTION "CLIN" MSN HS-MED MEDICINE	INFECT DIS (133-N295)	33,750.00
163.	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)	13,980.00

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164.	COMPUTING MACHINERY (ASSOCIATION FOR), SIGDA RESEARCH TRIANGLE PARK, NC BENCHMARKS FOR HIGH-LEVEL SYNTHESIS OF 09-01-88 THROUGH 05-31-89 MSN L&S COMPUTER SCI (133-N312)	7,532.04
165.	WISCONSIN CHILDREN'S CENTER/MADISON CHILDREN'S MUSEUM INC. MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N331)	3,450.00
166.	ANONYMOUS DONOR RESEARCH IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH (133-N438)	20,000.00
167.	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)	429.00
168.	STERLING-WINTHROP RESEARCH INSTITUTE RENSELAER, NY DATA ANALYSIS CENTER TO STERLING-WINTHROP FOR MEMPHIS MIL 1064 STUDY MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (133-N590)	195,617.00
169.	NICOLET INSTRUMENTS CORPORATION MADISON, WI PROJECT PHOENIX OF MADISON, INC. MSN HS-MED NEUROPHYSIOLOGY (133-N604)	26,981.00
170.	MULTIPLE DONORS OSTEROPOROSIS RESEARCH FUND MSN HS-MED PREVENTIVE MED (133-N641)	290.00
171.	CIBA-GEIGY CORPORATION SUMMIT, NJ CROSSOVER STUDY FOR EVALUATION OF CGS 12970 IN THE THERAPY OF ESTABLISHED CONCAVALIN A-INDUCED GLOMERULAR NEPHRITIS MSN VET M MEDICAL SCIENCES (133-N647)	29,000.00
172.	ABBOTT LABORATORIES NORTH CHICAGO, IL EVALUATION OF THE EFFICACY AND SAFETY OF SUBCUTANEOUS TRH IN THE TREATMENT OF PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS-M86-058 MULTI-CENTER CLINICAL TRIAL MSN HS-MED NEUROLOGY (133-N649)	17,184.42
173.	MACARTHUR (JOHN D. & CATHERINE T.) FOUNDATION CHICAGO, IL DESIGNING LONGITUDINAL RESEARCH ABOUT SUCCESSFUL MIDLIFE DEVELOPMENT FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN GRAD INST-AGING&ADULT (133-N650)	8,300.00

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174.	MACARTHUR (JOHN D. & CATHERINE T.) FOUNDATION CHICAGO, IL MIDLIFE TRANSITION AND STATES: ANALYSES OF THE NATIONAL SURVEY OF FAMILIES & HOUSEHOLDS FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN GRAD INST-AGING&ADULT (133-N651)	16,700.00
175.	WI DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF VOLATILE ORGANIC COMPOUNDS ON CLAY LANDFILL LINER PERFORMANCE FOR THE PERIOD 12-20-88 THRU 09-30-89 MSN ENGR CIVIL & ENV ENGR (133-N655)	21,614.00
176.	POWER & ENERGY INTERNATIONAL, INC. BELOIT, WI STUDY IN TRIBOLOGY AND VIBRATION MSN ENGR MECHANICAL ENGR (133-N656)	2,402.40
177.	GENERAL ELECTRIC COMPANY SCHENECTADY, NY PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR CHEMICAL ENGR (133-N658)	10,000.00
178.	SPENCER FOUNDATION CHICAGO, IL POOR CHILDREN WITH DISABILITIES: AN EXPLORATORY STUDY FOR THE PERIOD 01-01-89 THRU 06-15-89 MSN EDUC EDUC ADMIN (133-N673)	7,435.00
179.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI FORMULA DISTRIBUTION TO FAMILIES WITH METABOLIC DISEASES FOR THE PERIOD 01-01-88 THRU 12-31-88 AWARD # FAI 2210Z PD MSN GRAD WAISMAN CENTER (133-N674)	1,500.00
180.	WERNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH NEW YORK, NY A SUPRA-LOCAL ANDEAN CHIEFDOM OF COLONIAL ECUADOR: THE COLLAGUAZOS AS DOCUMENTED IN A 1623 VISITA FOR THE PERIOD 01-01-89 THRU 08-31-89 MSN L&S ANTHROPOLOGY (133-N675)	6,230.00
181.	EBASCO SERVICES INCORPORATED MADISON, WI APPLIED SUPER CONDUCTIVITY MATERIALS RESEARCH MSN ENGR ENGR EXPER STA SUPERCOND (133-N676)	79,625.00
182.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI INTRARENAL RENIN-ANGIOTENSIN SYSTEM AND SALT MEMORY FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 88-GA-39C MSN HS-MED MEDICINE NEPHROLOGY (133-N678)	16,586.00

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183.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY EXOGENOUS ATP AT THE NEUROMUSCULAR JUNCTION FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN HS-MED PHYSIOLOGY	(133-N679)	33,390.00
184.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC MOLECULAR EVOLUTION, ADAPTIVE RADIATION, AND SPECIATION IN THE HAWAIIAN LOBELIIDS FOR THE PERIOD 12-01-88 THRU 12-31-89 MSN L&S BOTANY	(133-N680)	20,674.00
185.	GENERAL FOODS CORPORATION TARRYTOWN, NY INHIBITION OF C. BOTULINUM BY LYSOZYME IN FOODSTUFFS MSN AG&LSC FOOD MICRO&TOXIC	(133-N682)	30,000.00
186.	MULTIPLE DONORS STUDIES OF COCHLEAR NUCLEAR SLICES MSN HS-MED NEUROPHYSIOLOGY	(133-N685)	100.00
187.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BLACK EARTH CREEK WATERSHED GIS PROJECT FOR THE PERIOD 12-29-88 THRU 04-30-89 AWARD # NRI 92216 MSN AG&LSC NR-LANDSCAP ARCH	(133-N686)	16,560.00
188.	U.S. CANCER PAIN RELIEF COMMITTEE MADISON, WI PAIN RESEARCH GROUP-TO ESTABLISH A POLICY STUDIES DIVISION MSN HS-MED NEUROLOGY	(133-N688)	50,000.00
189.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN GRAD ENZYME INSTITUTE	(133-N689)	23,000.00
190.	DANE COUNTY UNIFIED SERVICES BOARD MADISON, WI COMMUNICATION DEVELOPMENT PROGRAM FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 10089 MSN GRAD WAISMAN CENTER	(133-N691)	48,869.00
191.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY NEW CLINICAL RESEARCH FELLOWSHIP FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN HS-MED NEUROLOGY	(133-N695)	27,000.00

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192.	MINNESOTA MINING AND MANUFACTURING COMPANY ST PAUL, MN 3M/GEORGE WASHINGTON CARVER SCHOLARSHIP FUND FOR MINORITY STUDENTS IN CHEMISTRY MSN L&S CHEMISTRY (133-N696)	2,500.00
193.	WISCONSIN CROP IMPROVEMENT ASSOC. MADISON, WI AGRONOMY CROPS RESEARCH MSN AG&LSC AGRONOMY (133-N700)	2,000.00
194.	MULTIPLE DONORS RESEARCH ON ALPHA ONE ANTITRYPSIN DEFICIENCY MSN GRAD WAISMAN CENTER (133-N701)	895.00
195.	WHITAKER FOUNDATION CAMP HILL, PA DETERMINANTS OF OLIGOSACCHARIDE CONFORMATION MSN L&S CHEMISTRY (133-N704)	93,646.00
196.	GUGGENHEIM (HARRY FRANK) FOUNDATION NEW YORK, NY EFFECT OF THE SOCIAL ENVIRONMENT ON THE PEACEMAKING SKILLS OF JUVENILE MONKEYS MSN L&S PRIMATE RES CTR (133-N705)	18,222.00
197.	LUCE (HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIAN STUDIES FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN L&S SPECIAL PROJECTS SE ASIA ST (133-N706)	140,000.00
198.	SAGE (RUSSELL) FOUNDATION NEW YORK, NY VISITING SCHOLARS AT RUSSELL SAGE FOUNDATION FOR THE PERIOD 01-13-89 THRU 05-28-89 MSN L&S INST-RES ON POV (133-N709)	50,730.00
199.	SPORT FISHING INSTITUTE WASHINGTON, DC ELECTRIC POWER RESEARCH INSTITUTE FELLOWSHIP IN POPULATION AND BIOLOGY MSN VET M PATHOBIOLGCL SCI (133-N710)	13,332.00
200.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY PHYSICIAN'S RESEARCH TRAINING FELLOWSHIP FOR THE PERIOD OF 01-01-89 THROUGH 12-31-90 AWARD # PRTF-107 MSN AG&LSC BIOCHEMISTRY (133-N711)	47,000.00
201.	TINKER FOUNDATION INCORPORATED NEW YORK, NY TINKER FOUNDATION FIELD RESEARCH GRANT PROGRAM FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN L&S SPANISH & PORT IBERO-AMER (133-N712)	15,000.00

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202.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY GENETICS EDUCATION AND TRAINING PROGRAM FOR CLERGY FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 11-170 MSN HS-MED GENET CLIN PROG	(133-N713)	10,000.00
203.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY REGULATORY MUTANTS OF NEUROMUSCULAR TRANSMISSION FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN L&S ZOOLOGY	(133-N714)	39,017.00
204.	WI DEPT OF TRANSPORTATION MADISON, WI STUDY TO DETERMINE THE PREDICTION OF SO4 BACTERIAL CORROSION ON METAL CULVERTS AND OTHER PARTIALLY SUBMERGED STRUCTURAL MEMBERS FOR THE PERIOD 12-09-88 THRU 08-01-90 MSN ENGR CIVIL & ENV ENGR	(133-N716)	53,110.00
205.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI STRUCTURE AND FUNCTION OF TITIN IN CARDIAC MYOFIBRILS FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN AG&LSC MEAT& ANIMAL SCI	(133-N717)	16,500.00
206.	RETINA RESEARCH FOUNDATION HOUSTON, TX MATERNAL RETINOPATHY AND INFANT GROWTH: ESTROGENS IN DIABETIC RETINOPATHY FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN HS-MED OPHTHALMOLOGY	(133-N718)	35,603.00
207.	ROCKEFELLER FOUNDATION NEW YORK, NY SUMMER INSTITUTE OF AFRICAN AGRICULTURAL RESEARCH FOR THE PERIOD 12-01-88 THRU 11-30-89 MSN AG&LSC INTL AG PRGS-ADM	(133-N719)	190,000.00
208.	CALBIOCHEM CORPORATION LA JOLLA, CA GENETIC ENGINEERING OF DAUNORUBICIN-PRODUCING STREPTOMYCES MSN HS-PHR PHARMACY	(133-N720)	92,505.00
209.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CATERPILLAR FACULTY FELLOWSHIPS MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-N722)	5,000.00
210.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CATERPILLAR MSE FELLOWSHIPS MSN ENGR ENGR EXPER STA MFG SY ENG	(133-N723)	5,000.00

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211.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CATERPILLAR MSAE FELLOWSHIP MSN ENGR MAT SCI & ENGR	(133-N724)	5,000.00
212.	VANDERBILT UNIVERSITY NASHVILLE, TN TWEENERS: THE FINANCIALLY INSECURE ELDERLY-AARP MSN L&S INST-RES ON POV	(133-N725)	5,000.00
213.	VANDERBILT UNIVERSITY NASHVILLE, TN TWEENERS: THE FINANCIALLY INSECURE ELDERLY-VILLERS MSN L&S INST-RES ON POV	(133-N726)	6,975.00
214.	MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY MADISON, WI MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY EXPENSES MSN L&S HEBREW & SEM STU	(133-N727)	200.00
215.	PURDUE FREDERICK COMPANY NORWALK, CT THE EFFECT OF THEOPHYLLINE (UNIPHYL) ON NOCTURNAL BRONCHIAL REACTIVITY MSN HS-MED MEDICINE ALLRGY&IMM	(133-N730)	7,284.00
216.	SMITH (A.O.) HARDWARE PRODUCTS, INC. DEKALB, IL THE SEPARATION OF UNDIGESTED FIBER FROM BOVINE MANURE MSN AG&LSC AG ENGINEERING	(133-N732)	13,500.00
217.	WI HEALTH SERVICES ADMINISTRATION MADISON, WI HEALTH MANAGEMENT ALUMNI DEVELOPMENT ACCOUNT MSN HS-MED PREVENTIVE MED	(133-N733)	200.00
218.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WCSAR ASTRO FUEL MSN ENGR ENGR EXPER STA SPAC COMM	(133-N734)	5,000.00
219.	FERMENTA ANIMAL HEALTH COMPANY KANSAS CITY, MO COMPARATIVE EFFICACY OF CHLORTETRACYCLINE/ SULFATHIAZOLE/PENICILLIN (CSP) AND CHLORTETRACYCLINE/SULFAMETHAZINE/PENICILLIN (ASP) IN FEED TO PIGS WITH INDUCED ATROPHIC RHINITIS MSN VET M MEDICAL SCIENCES	(133-N735)	16,400.00
220.	GENERAL MOTORS RESEARCH LABORATORIES WARREN, MI ANALYSIS METHODS FOR ASYNCHRONOUS ASSEMBLY SYSTEMS FOR THE PERIOD 09-01-88 THRU 12-31-89 MSN ENGR INDUSTRIAL ENGR	(133-N738)	30,000.00

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221.	WORLD WILDLIFE FUND US WASHINGTON, DC THE DEVELOPMENT OF A REINTRODUCTION AND CONSERVATION EDUCATION PROGRAM FOR THE COTTON-TOP TAMARIN (SAGUINUS O. OEDIPUS) IN COLOMBIA FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 6367 MSN L&S PSYCHOLOGY	(133-N739)	6,254.85
222.	MULTIPLE DONORS NATIONAL RESPOSITORY FOR SPECIMENS FROM CATTLE OF PROVEN M. TUBERCULOSIS INFECTION STATUS MSN VET M PATHOBIOLGCL SCI	(133-N755)	10,000.00
223.	ICI - PHARMA LTD. OSAKA, JAPAN HORMONE DEPENDENCY GIFT FUND MSN HS-MED HUMAN ONCOLOGY	(133-N756)	25,000.00
224.	COUNCIL OF GRADUATE SCHOOLS WASHINGTON, DC MASTER'S DEGREES IN THE UNITED STATES FOR THE PERIOD 01-01-89 THRU 01-31-91 MSN EDUC WIS CTR EDUC RES	(133-N757)	400,000.00
225.	ABBOTT LABORATORIES NORTH CHICAGO, IL THYROTROPIN-RELEASING HORMONE TREATMENT OF MOTOR NEURON DISEASE-PILOT STUDY (IV) MSN HS-MED NEUROLOGY	(133-N758)	18,419.57
226.	MULTIPLE DONORS FIELD APPLICATION OF NUTRITIONAL & MANAGEMENT TECHNOLOGIES TO DAIRY PRODUCTION PRACTICES MSN AG&LSC DAIRY SCIENCE	(133-N776)	50.00
227.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CATERPILLAR MECHANICAL ENGINEERING RESEARCH AND TEACHING MSN ENGR MECHANICAL ENGR	(133-N777)	5,000.00
228.	ABBOTT LABORATORIES NORTH CHICAGO, IL EVALUATION OF THE AUTONOMIC AND MUSCLE STRENGTH RESPONSE TO SUBCUTANEOUS TRH IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS - PILOT STUDY MSN HS-MED NEUROLOGY	(133-N778)	18,170.94
229.	DISCRETIONARY FUND IN THE DEPARTMENT OF FOOD SCIENCE MSN AG&LSC FOOD SCIENCE	(133-N779)	
	800.00 ROCKY ROCOCO MADISON, WI		
	600.00 SNAPPY TOMATO PIZZA INTERNATIONAL, INC. CINCINNATI, OH		
			1,400.00

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230.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY OF CARTOGRAPHY MSN L&S GEOGRAPHY	(133-N780)	5,000.00
231.	MULTIPLE DONORS GENERAL CLINICAL RESEARCH CENTER MSN HS-MED SPEC PROJECT UW-GCRC	(133-N782)	120.00
232.	HELENA LABORATORIES BEAUMONT, TX DIABETES HEMOGLOBIN A, RESEARCH FUND MSN HS-MED PEDIATRICS	(133-N783)	6,500.00
233.	ABBOTT LABORATORIES NORTH CHICAGO, IL THYROTROPIN RELEASING HORMONE TREATMENT OF HUMAN MOTOR NEURON DISEASE-CONTROLLED SUBCUTANEOUS PILOT STUDY MSN HS-MED NEUROLOGY	(133-N784)	27,600.00
234.	INTERNATIONAL LLAMA ASSOCIATION DENVER, CO CHARACTERIZATION OF REPRODUCTIVE BIOLOGY OF CAMELIDS: BASIC AND APPLIED ASPECTS MSN AG&LSC VETERINARY SCI	(133-N787)	10,000.00
235.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI EVALUATION OF THE HYPOCHOLESTEROLEMIC EFFECTS OF DEHYDROEPIANDROSTERONE IN THE RHESUS MONKEY FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 88-GA-51 MSN VET M MEDICAL SCIENCES	(133-N788)	14,097.00
236.	FISONS PHARMACEUTICALS LOUGHBOROUGH, ENGLAND OPTICROM SYSTEM RESEARCH MSN HS-PHR PHARMACY	(133-N789)	14,872.00
237.	ENGELHARD CORPORATION EDISON, NJ GRADUATE RESEARCH IN AREA OF CATALYSIS MSN ENGR CHEMICAL ENGR	(133-N790)	12,000.00
238.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA THE BEHAVIOR OF SEVERAL HVDC LINKS COMING INTO THE SAME AREA--THE DC MULTIPLE INFEEED PROBLEM FOR THE PERIOD 11-01-88 THRU 01-31-89 AWARD # RP2675-4 MSN ENGR ENGR PRFSNL DVLP	(133-N791)	35,000.00
239.	PMA FOUNDATION WASHINGTON, DC ADVANCED PREDOCTORAL FELLOWSHIP IN PHARMACEUTICS FOR THE PERIOD 01-01-89 TRHU 12-31-89 MSN HS-PHR PHARMACY	(133-N795)	10,500.00

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240.	DOW CHEMICAL COMPANY MIDLAND, MI CHARACTERIZATION TECHNIQUES FOR THE DIELECTRIC PROPERTIES OF POLYMERIC FILMS FOR THE PERIOD 12-19-88 THRU 12-31-89 MSN ENGR ELEC & COM ENGR ELEC&COMP (133-N797)	30,000.00
241.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI SPECIAL AUXILIARY ALLOWANCE - FESTIVAL OF 14TH-16TH CENTURY MUSIC FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S SCHOOL OF MUSIC (133-N798)	17,485.57
242.	CENTOCOR, INC. MALVERN, PA CA 15-3 RIA CLINICAL UTILITY MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-N800)	12,870.00
243.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ MERCK FACULTY DEVELOPMENT GRANT MSN L&S CHEMISTRY (133-N801)	20,000.00
244.	UNIMED, INC. SOMERVILLE, NJ 24,24-DIHOMO-1,25-DIHYDROXYVITAMIN D, AND 24,24, 24-TRIHOMO-1,25-DIHYDROXYVITAMIN D3 AS POTENTIAL ANTI-CANCER AGENTS FOR THE PERIOD 01-01-89 THRU 12-31-90 MSN AG&LSC BIOCHEMISTRY (133-N803)	81,360.00
245.	JOYCE FOUNDATION CHICAGO, IL STATE BUDGET AND POLICY STUDIES FOR THE PERIOD 01-01-89 THRU 12-31-91 MSN L&S LAFOLLET PUBL AF (133-N806)	300,000.00
246.	BRITTINGHAM FUND, INC. WILMINGTON, DE CONFERENCE ON WOMEN AND THE WELFARE STATE MSN LAW LAW SCHOOL (133-N811)	14,500.00
247.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI METABOLITE REGULATION OF PHOSPHOINOSITIDE HYDROLYSIS IN PANCREATIC ISLET CELLS FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN L&S ZOOLOGY (133-N817)	5,000.00
248.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI MILK, A POINT OF ENTRY INTO THE HUMAN DIET FOR MEVALONATE-SUPPRESSIVE PLANT SECONDARY METABOLITES FOR THE PERIOD 01-01-89 THRU 12-31-90 AWARD # WMMB #IV-61 MSN AG&LSC NUTRITIONAL SCI (133-N818)	38,024.00

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249.	AMERICAN BAR FOUNDATION CHICAGO, IL WOMEN AND WELFARE REGULATION: STATE PROTECTION AND PATERNALISM FOR THE PERIOD 01-01-89 THRU 12-31-89 MSN LAW LAW SCHOOL	(133-N819)	25,000.00
250.	PITTSBURGH (UNIVERSITY OF) PITTSBURGH, PA THE NEUROPSYCHOLOGY OF EMOTION FOR THE PERIOD 10-01-88 THRU 09-30-89 MSN L&S PSYCHOLOGY	(133-N820)	35,848.00
251.	KOHLER FOUNDATION, INC. KOHLER, WI MARIE CHRISTINE KOHLER FELLOWSHIP MSN GRAD ADMINISTRATION ADMIN	(133-2002)	11,900.00
252.	UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL MSN HS-MED GENETICS	(133-4379)	
	1,428.65 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	500.00 OLIVER NELSON CROSS PLAINS, WI		
	2,000.00 EEVA PATAU MADISON, WI		
			3,928.65
253.	DERMATOLOGY RESEARCH MSN HS-MED MEDICINE DERMATOLGY	(133-4911)	
	800.00 THE UPJOHN COMPANY CHICAGO, IL		
	6,000.00 CARL J. HERZOG FOUNDATION STAMFORD, CONN		
			6,800.00
254.	E. I. DUPONT DENEMOURS & CO. WILMINGTON, DE WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	14,000.00
255.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	825.00
256.	MULTIPLE DONORS SUPPORT OF RESEARCH IN APLASTIC ANEMIA IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-6732)	810.00

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257.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	2,500.00	E. I. DUPONT DE NEMOURS & COMPANY WILMINGTON, DE	
	1,250.00	ECOGEN INCORPORATION LANGHORNE, PA	
	12,420.00	FMC CORPORATION PRINCETON, NJ	
			16,170.00
258.	AMERICAN FILM INSTITUTE LOS ANGELES, CA SUPPORT WISCONSIN CENTER FOR THEATRE RESEARCH MSN L&S COMMUN ARTS	(133-7163)	30,000.00
259.	E. I. DUPONT WILMINGTON, DE SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	3,840.00
260.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SMONGESKI RESEARCH PROFESSORSHIP IN THE LAW SCHOOL MSN LAW LAW SCHOOL	(133-7687)	53,320.00
261.	E. I. DUPONT DENEMOURS & CO. WILMINGTON, DE HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	3,250.00
262.	MULTIPLE DONORS HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	150.00
263.	BRUNSWICK FOUNDATION, INC. SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA I COMBUSTN	(133-9631)	3,800.00
264.	MULTIPLE DONORS HEART RESEARCH OR SERVICE MSN HS-HSP ADMINISTRATION ADMIN	(133-9921)	25.00
STUDENT AID			
1.	DOKKEN, M. GERHARD GAINESVILLE, GA DOKKEN, GERHARD--LOAN FUND MSN BUS SV BURSAR	(LOANS)	3,000.00

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2.	CALIFORNIA FIRST BANK SAN DIEGO, CA MANCHESTER, JOHN D. MANCHESTER, JOHN D. LOAN--FUND MSN BUS SV BURSAR	(LOANS)	33,596.17
3.	PETERSON, DAN & JUDY ANN MAZOMANIE, WI WHITE, PHILLIP--LOAN FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(LOANS)	25.00
4.	KOHLER FOUNDATION, INC. KOHLER, WI KOHLER FAMILY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	1,000.00
5.	SANTA'S TREES, INC. LAKE FOREST, IL WALLACE, SUZANNE D. LYON, EARLE D.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	487.50
6.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	11,636.10
7.	FIRST WISCONSIN-MADISON PORTAGE, WI COMSTOCK, WILLIAM T. TRUST BLEYER, WILLARD G.--JOURNALISM SCHOLARSHIP #2 MSN L&S JOURN & MASS COM	(TRUST)	1,236.14
8.	FIRST WISCONSIN-MADISON PORTAGE, WI COMSTOCK, WILLIAM T. TRUST JOURNALISM SCHOLARSHIP FUND MSN L&S JOURN & MASS COM	(TRUST)	1,759.13
9.	FIRST WISCONSIN-MADISON PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK, SCHOLARSHIP FUND IN CONSERVATION MSN AG&LSC ACAD STU AFF ADM	(TRUST)	879.57
10.	INCOME TO BE USED FOR SCHOLARSHIPS AND HONOR SOCIETY ACTIVITIES IN THE SCHOOL AS APPROVED BY THE DEAN. PHI U SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(TRUST)	
11.	ANNUAL INCOME TO BE USED FOR AN ANNUAL AWARD TO ONE STUDENT FOR THE BEST UNDERGRADUATE RESEARCH PROJECT IN CHEMISTRY. SHERK, DANIEL L.--AWARD IN CHEMISTRY MSN L&S CHEMISTRY	(TRUST)	

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12.	VERGERONT, ELIZABETH VANDENBERG--AWARD FOR 4-H CLUB LEADERSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (TRUST)		
	200.00 VERGERONT, THOMAS RHINELANDER, WI		
	200.00 WAUSAU PAPER MILLS FOUNDATION, INC WAUSAU, WI		
			400.00
13.	WISCONSIN NEWSPAPER ASSOCIATION--LESTER HAWKES SCHOLARSHIP MSN L&S JOURN & MASS COM (TRUST)		
	160.00 MULTIPLE DONORS	\$	10.00
	EAGER, ELOISE S. EDGERTON, WI	\$	100.00
	NELSON, HAROLD AND ANN MADISON, WI	\$	50.00
	250.00 LEADER PRINTING CO., INC. LAKE MILLS, WI HAWKES, DENNIS		
	145.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			555.00
14.	PEOPLES BANK AND TRUST COMPANY WATERLOO, IA WISE, MINNIE BURIAL TRUST BATES, KIRK MONROE--LOAN FUND MSN L&S JOURN & MASS COM (TRUST)		6,766.85
15.	NEWMAN, R.W. STAMFORD, CT NEWMAN, JEFFREY SCOTT--SCHOLARSHIPS MSN G SERV FELLOWS & SCHOLS (TRUST)		500.00
16.	FIEDLER, GEORGE A. SR. & JR. M.D. MOUNT PLEASANT, TN MIDDLETON, WILLIAM S.--MEMORIAL MSN HS-MED ADMINISTRATION (TRUST)		100.00
17.	CLASS OF 1953--MEDICAL SCHOOL SCHOLARSHIP MSN HS-MED (TRUST)		
	400.00 WERNER, DOROTHY E. FAMILY FOUNDATION SHEBOYGAN, WI		
	100.00 FIEDLER, GEORGE A. SR. & JR. M.D. MOUNT PLEASANT, TN		
			500.00
18.	MULTIPLE DONORS DICKIE, DR. HELEN--LOAN FUND MSN HS-MED (TRUST)		2,223.00

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19.	MUROV & ADES LINENHURST, NY STEINER, SUSAN B. ESTATE CHANCELLOR'S SCHOLARSHIP FUND MSN AC SVC ADMINISTRATION ADMIN (TRUST)	1,000.00
20.	OHLRICH, ELIZABETH S. MADISON, WI \$ 100.00 CHARAPATA, STEVEN M.D. & LINDA KANSAS CITY, MO \$ 300.00 WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND MSN HS-MED (TRUST)	400.00
21.	FIEDLER, GEORGE A. SR. & JR. M.D. MOUNT PLEASANT, TN SISK, DR. IRA--MEMORIAL FUND MSN HS-MED SURGERY UROLOGY (TRUST)	100.00
22.	CURTIS, MARGARET M. MADISON, WI \$ 1000.00 TAYLOR, BENTON & MARY MADISON, WI \$ 200.00 CURTIS, DR. JOHN--MEMORIAL FUND MSN HS-MED (TRUST)	1,200.00
23.	RASMUSSEN, JORGEN AMES, IA POLITICAL SCIENCE GRADUATE FELLOWSHIP FUND MSN L&S POLITICAL SCI (TRUST)	50.00
24.	DELMONTE, ANTHONY & JOYCE BROOKFIELD, WI DELMONTE, MICHELE K.--MEMORIAL SCHOLARSHIP IN NURSING MSN HS-NUR (TRUST)	200.00
25.	MEDICAL SCHOOL LOW INTEREST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC (TRUST)	
	130.00 MULTIPLE DONORS	
	500.00 MORRIS FAMILY FOUNDATION LA CROSSE, WI	
	265.00 MULTIPLE DONORS \$ 115.00	
	FIEDLER, GEORGE A. SR. & JR. M.D. MOUNT PLEASANT, TN \$ 100.00	
	LEMMER, KENNETH E. M.D. MADISON, WI \$ 50.00	
	895.00	
26.	SPITZBARTH, JANETTE & CHARLES FENNIMORE, WI INCOME ONLY FOR ANNUAL UNDERGRADUATE SCHOLARSHIP TO A WISCONSIN RESIDENT, JUNIOR OR ABOVE WITH PREFERENCE TO A STUDENT FROM GRANT COUNTY. SPITZBARTH, MICHAEL C.--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (TRUST)	3,000.00

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27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INCOME ONLY FOR ONE PRIZE TO BE AWARDED ANNUALLY BY THE DEPARTMENT OF POLITICAL SCIENCE. EPSTEIN, LEON D.--PRIZE IN AMERICAN AND BRITISH POLITICS MSN L&S POLITICAL SCI (TRUST)	4,665.00
28.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$367,971.00 AWARD # PO38A84553, MOD. 1 MSN S LOAN STU LOANS NDSL	299,857.00
29.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$7,040,196.00 AWARD # PO63P87121, MOD. 1 MSN G SERV FELLOWS & SCHOLS (148-A089)	2,604,296.00
30.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MR. & MRS. HARRY A. BULLIS SCHOLARSHIP MSN L&S ECONOMICS (135-0064)	10,000.00
31.	DAUGHTERS OF DEMETER, INC. MADISON, WI DAUGHTERS OF DEMETER SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-A790)	1,350.00
32.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-B967)	2,557.34
33.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG WOMEN & MEN FROM WISCONSIN FAMILY FARMS ENROLLING IN THE UW-MADISON, CENTER FOR HEALTH SCIENCES, SCHOOL OF ALLIED HEALTH PROFESSIONS MSN HS-A H ADMINISTRATION (133-C980)	967.50
34.	SPECIAL EDITION COMMITTEE MADISON, WI JOHN WYNGAARD SCHOLARSHIP MSN L&S JOURN & MASS COM (133-E769)	1,800.00
35.	UNIVERSITY LEAGUE, INC. MADISON, WI VIRGINIA HILL THAYER SCHOLARSHIP MSN L&S JOURN & MASS COM (133-J291)	900.00

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36.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR	(133-J629)	2,466.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	3,100.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MADISON GAS & ELECTRIC FOUNDATION MINORITY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-N064)	928.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOM AND YVONNE MCCOLLOWS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-N065)	750.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOURNAL FOUNDATION SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-N389)	750.00
41.	GRADUATE OPPORTUNITIES FOR ADVANCED LEVEL STUDIES DEARBORN, MI GOALS FELLOWSHIP MSN L&S IND REL RES INST	(133-N524)	2,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CALC MINORITY SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N575)	2,500.00
43.	URBAN LAND INSTITUTE WASHINGTON, DC MILLER FOUNDATION MSN BUS SCH OF BUSINESS	(133-N653)	5,000.00
44.	GREAT LAKES CALCIUM AND CHEMICAL COMPANY GREEN BAY, WI SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N684)	1,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PILLSBURY SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-N690)	2,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BOLZ GRADUATE ASSISTANTSHIP MSN L&S SCHOOL OF MUSIC	(133-N699)	3,500.00

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47.	AMERICAN FAMILY MUTUAL INSURANCE COMPANY MADISON, WI AMERICAN FAMILY SCHOLARSHIP IN THE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS (133-0979)	2,000.00
48.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG MEN AND WOMEN FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY IN THE COLLEGE OF AG & LSC MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-2073)	13,867.50
49.	CHICAGO FARMERS CHICAGO, IL UNDERGRADUATE SCHOLARSHIPS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-2263)	500.00
50.	INBUSCH (C E & D W) FOUNDATION MILWAUKEE, WI DOROTHY & CHARLES INBUSCH AWARD FOR MERITORIOUS MEDICAL RESEARCH MSN HS-MED (133-4176)	400.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR ANDERSON AND COMPANY GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS SCH OF BUSINESS (133-4253)	5,833.42
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMOCO FOUNDATION DOCTORAL FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-4569)	8,500.00
53.	MULTIPLE DONORS OUT-OF-STATE TUITION SCHOLARSHIPS TO BE ADMINISTERED BY STUDENT FINANCIAL AIDS COMMITTEE MSN G SERV FELLOWS & SCHOLS (133-7255)	375.23
54.	TENNECO AUTOMOTIVE LINCOLNSHIRE, IL STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS UNRESTRICTED FUND MSN G SERV FELLOWS & SCHOLS (133-8892)	500.00
55.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES MSN FR&CS FAM RSR&CNSM SC ADMIN (133-9594)	1,290.00

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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

56. MPC ENDOWMENT, LTD.
MILWAUKEE, WI
MPC ENDOWMENT LTD., SCHOLARSHIP IN JOURNALISM
MSN L&S JOURN & MASS COM (133-9969) 500.00

UNRESTRICTED

1. MADISON CHANCELLOR'S SPECIAL FUND
MSN G E A (TRUST)

9,728.01	JOHNS, CORYDON T. TAMPA, FL		\$ 50.00
	FIRST INTERSTATE BANK OKLAHOMA CITY, OK		\$ 9678.01
10,000.00	KRONCKE, EARL A. TRUST SOUTHEAST BANK, N.A. SEMINOLE, FL		
1,250.00	FIELDS, GERTRUDE H. TRUST ROCKEFELLER FOUNDATION NEW YORK, NY		
			20,978.01

2. MERCK & COMPANY, INC.
WEST POINT, PA
UNRESTRICTED GRANT
MSN HS-MED MEDICINE CLIN PHARM (133-N488) 690.00

3. MARION LABORATORIES
KANSAS CITY, MO
UNRESTRICTED PHARMACEUTICS RESEARCH
MSN HS-PHR PHARMACY (133-N697) 5,000.00

4. MULTIPLE DONORS
CHEMICAL STORAGE FACILITIES RESEARCH
MSN AG&LSC AG ENGINEERING (133-N731) 500.00

5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED RESEARCH GRANT TO THE DEPARTMENT
OF CHEMISTRY
MSN L&S CHEMISTRY (133-N781) 10,000.00

TOTAL MADISON

19,341,505.56
=====

EXTENSION AND PUBLIC SERVICE	58,927.00
INSTRUCTION	186,336.00
LIBRARIES	98,306.39
MISCELLANEOUS	1,931,109.66
PHYSICAL PLANT	218,000.00
RESEARCH	13,755,996.05
STUDENT AID	3,055,662.45
UNRESTRICTED	37,168.01

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. UWM FOUNDATION
UWM ALUMNI HOUSE
MILWAUKEE, WI
A GIFT OF EVEREX AT COMPUTER SYSTEM AND
JANDELL VIDEO ANALYSIS SOFTWARE
MIL L&S CHEMISTRY
2. A.O. SMITH AUTOMOTIVE PRODUCTS COMPANY
J.G. EMANUEL, VICE PRESIDENT
MILWAUKEE WI
A GIFT OF A ROBOT FOR THE AFFILIATE PROGRAM
FOR WATERJET TECHNOLOGY (HOBART MOTOMAN L-6
ROBOT ARM)
MIL ENG&AS ADMINISTRATION

INSTRUCTION

1. UWM FOUNDATION, INC
MILWAUKEE, WI
BECHER, HILDA--GERMAN LANGUAGE (MILW)
MIL L&S GERMAN (TRUST) .97
2. MILWAUKEE COUNTY
MILWAUKEE, WI
PRIME CONTRACTOR WITH DHHS OHDS
INDEPENDENT LIVING PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # CONTRACT NO. 40-88/89-479
MIL DOCE PRFNL RSORC DVLP CYCLE (144-AS66) 157,356.00
3. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) UNIVERSITY OF WISCONSIN-MILWAUKEE, YOUNG SCHOLARS
PROJECT
FOR THE PERIOD 02-15-88 THROUGH 01-31-91
AWARD # RCD-8850248
MIL AC AFF GENERAL (144-AF44) 54,262.00
 - 2) COMPUTERIZED EXPERIMENTAL NEUROPSYCHOLOGY
LABORATORY
FOR THE PERIOD 01-01-89 THROUGH 12-31-91
AWARD # DIR-8852742
MIL L&S PSYCHOLOGY (144-AT51) 11,260.00
4. UWM FOUNDATION
(ACCT. 845.0)
MILWAUKEE, WI
SCIENCE BAG (GENERAL)
MIL L&S PHYSICS (133-L610) 2,500.00
5. 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

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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- | | | |
|----|--|-----------|
| 6. | EXXON EDUCATION FOUNDATION
FLORHAM PARK, NJ
WISCONSIN SYSTEM - WIDE DATA COLLECTION OF
UNDERGRADUATE MATHEMATICS INSTRUCTION
FOR THE PERIOD 01/01/89 THROUGH 06/30/91
MIL GRAD M-S ERC (133-N677) | 50,000.00 |
| 7. | NURSING CLASS OF DECEMBER 1988
C/O WENDY JAEGER
MILWAUKEE WI
CLASS OF DECEMBER 1988 SUPPORT OF NURSING
LEARNING RESOURCE CENTER
MIL NURS ADMIN DEAN (133-N793) | 100.00 |

LIBRARIES

- | | | |
|----|---|----------|
| 1. | UWM FOUNDATION #324
LIBRARY ACQUISITION
MILWAUKEE, WI
BOOK PURCHASES FOR ADDITION TO THE GOLDA MEIR
LIBRARY COLLECTION
MIL LIBR LIBRARY (133-8383) | 1,000.00 |
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MISCELLANEOUS

- | | | |
|----|---|-----------|
| 1. | JANIS DOLESCHAL
MILWAUKEE WI
SUPPORT OF UWM ORCHESTRA PROGRAM
MIL F ARTS MUSIC (133-H688) | 500.00 |
| 2. | UWM FOUNDATION (EMILY R. SCHER MEMORIAL FUND)
MILWAUKEE, WI
SALARY AND FRINGE BENEFITS FOR VISITING PROFESSOR
AWARD # 445.1
MIL LIBR LIBRARY (133-J664) | 24,800.00 |
| 3. | HIGHER EDUCATION CABLE CONSORTIUM
MILWAUKEE, WI
OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR
HECC
MIL ED COM PROJECTS SP P2-HECC (133-L344) | 5,666.53 |

PHYSICAL PLANT

- | | | |
|----|--|-----------|
| 1. | EDUCATION, DEPT. OF
WASHINGTON, DC
INTEREST SUBSIDY GRANT FOR MITCHELL HALL
REMODELING
FOR THE PERIOD 02-01-83 THROUGH 02-01-87
AWARD # 5-5-00675-0
MIL ADM AF ASST CHAN OFFICE (144-P831) | 13,480.00 |
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GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHHS, PHS, NIH
BETHESDA, MD
PREPARING TO PARENT THE ADOLESCENT
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # LCR-1 1-R01/NR02214-01
MIL NURS ADMIN DEAN (144-AT50) 271,759.00
2. CATHOLIC UNIVERSITY OF AMERICA
WASHINGTON DC
PRIME CONTRACTOR WITH DED
FAMILY CHOICES AND SCHOOL RESPONSIVENESS
FOR THE PERIOD 01-01-89 THROUGH 06-30-90
AWARD # R117E800031
MIL EDUC ADMIN LEADERSHIP (144-AT62) 48,290.00
3. MAYO FOUNDATION/DOD
ROCHESTER, MN
PRIME CONTRACTOR WITH DOD AF
MATHEMATICAL MODELING AND COMPUTER
SIMULATION OF ELECTROMAGNETIC PERFORMANCE OF
HIGH SPEED INTEGRATED CIRCUITS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # F33615-86-C-1110
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (144-AQ42) 82,230.00
4. U. S. ARMY RESEARCH OFFICE
RESEARCH TRIANGLE PARK, NC
PROCESS PARAMETER/GROWTH ENVIRONMENT/FILM
PROPERTY RELATIONSHIPS FOR REACTIVE SPUTTER
DEPOSITED METAL (V, NB, ZR, Y, AU) OXIDE, NITRIDE,
AND OXYNITRIDE FILMS
FOR THE PERIOD 01-01-89 THROUGH 12-31-91
AWARD # DAALO3-89-K-0022
MIL ENG&AS MATERIALS (144-AT49) 101,298.00
5. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
 - 1) HYBRIDIZATION PROBES FOR THE STUDY OF NATURAL
POPULATIONS OF CULTURABLE AND NON CULTURABLE
BIOLUMINESCENT SYMBIOTIC BACTERIA
FOR THE PERIOD 10-01-87 THROUGH 09-30-90
AWARD # N00014-88-K-0244
MIL GRAD GT LKS ST, CTR F (144-AA39) 137,663.00
 - 2) BULK WAVE CHARACTERIZATION OF HIGH TC
SUPERCONDUCTORS
FOR THE PERIOD 04-01-88 THROUGH 12-31-90
AWARD # N00014-88-K-0046 P00001
MIL L&S PHYSICS (144-AE62) 111,000.00
6. NATIONAL AERONAUTICS AND SPACE ADMIN
WASHINGTON, D. C.
REMOTE SENSING OF A BIOGEOCHEMICAL CYCLE: THE
MANGANESE CYCLE IN A FRESHWATER LAKE
FOR THE PERIOD 02-01-87 THROUGH 01-31-90
AWARD # NAGW-1047-S2
MIL GRAD GT LKS ST, CTR F (144-Z212) 45,000.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

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|-----|--|------------|-----------|
| 7. | NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, D. C.
ALZHEIMER'S DISEASE AND ENVIRONMENTAL DESIGN:
A PLANNING AND ARCHITECTURAL GUIDE
FOR THE PERIOD 01-01-89 THROUGH 12-31-89
AWARD # 89-4251-0024
MIL ARC&UP ARCH&U P RES CTR | (144-AT22) | 45,263.00 |
| 8. | NATIONAL SCIENCE FOUNDATION
WASHINGTON, D. C.
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | MOLECULAR SYSTEMATICS OF THE NYMPHAEALES
FOR THE PERIOD 01-01-89 THROUGH 06-30-90
AWARD # BSR-8817992
MIL L&S BIOLOGICAL SCI | (144-AT48) | 70,000.00 |
| 2) | PLANNING GRANT: SCIENCE & TECHNOLOGY RESEARCH
CENTER FOR GROWTH AND CHARACTERIZATION OF
ARTIFICIAL LAYERED MATERIALS
FOR THE PERIOD 01-15-89 THROUGH 06-30-90
AWARD # STC-8812231
MIL GRAD LAB FOR SURF STU | (144-AT81) | 35,000.00 |
| 9. | WISCONSIN ELECTRIC POWER CO.
MILWAUKEE, WI
PROTECTIVE THIN FILM PROJECT
AWARD # NONE
MIL L&S PHYSICS | (133-K999) | 26,444.00 |
| 10. | UWM FOUNDATION (858)
MILWAUKEE, WI
BUSINESS ADMINISTRATION-QUALITY CONTROL
PROGRAM
MIL BUS AD MGMNT RESRCH CTR MGT RES CT | (133-N041) | 1,500.00 |
| 11. | SNAP-ON TOOLS
KENOSHA, WI
AFFILIATE PROGRAM FOR WATERJET TECHNOLOGY
MIL ENG&AS MECHANICAL ENGR | (133-N131) | 8,000.00 |
| 12. | PROFESSIONAL SERVICE INDUSTRIES, INC.
#809
LOMBARD, IL
RELATIVE DENSITY TESTS
AWARD # CHECK NO. 229514
MIL ENG&AS CIVIL ENGINEER'G | (133-N384) | 100.00 |
| 13. | UWM FOUNDATION
MILWAUKEE, WI
GIFT FOR COMPUTER PURCHASE
MIL L&S CHEMISTRY | (133-N707) | 4,800.00 |
| 14. | WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
CONTROLLED REARING PROJECT
FOR THE PERIOD 12/01/88 THROUGH 11/30/89
AWARD # NRI 92288
MIL GRAD GT LKS ST, CTR F | (133-N708) | 10,920.00 |

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

15.	AARP ANDRUS FOUNDATION WASHINGTON, D. C. IMPACT OF MEDICARE'S PROSPECTIVE PAYMENT SYSTEM ON HOSPITALIZATION OF WISCONSIN'S MEDICARE PATIENTS FOR THE PERIOD 01/01/89 THROUGH 12/31/89 MIL BUS AD MGMNT RESRCH CTR MGT RES CT (133-N728)	48,648.00
16.	DEPARTMENT OF FISHERIES AND OCEANS-CANADA RICHMOND, BC, CANADA PROCESS SAMPLES OF PACIFIC HERRING LIVER TISSUE TO EXTRACT NUCLEAR DNA AND EXAMINE GENETIC MARKERS (*RDNA) AWARD # FP597-8-0564/01-SB MIL L&S BIOLOGICAL SCI (133-N736)	1,710.00
17.	CITY OF MILWAUKEE MILWAUKEE, WI RACE AND RESIDENCE IN THE SALE OF PROPERTY INSURANCE: THE GEOGRAPHIC REDISTRIBUTION OF INDUSTRY SALES REPRESENTATIVES IN MILWAUKEE FOR THE PERIOD 12/28/88 THROUGH 06/30/89 AWARD # P.O. 701832 MIL L&S SOCIOLOGY (133-N740)	1,000.00
18.	INNOVATIVE CONTROL SYSTEMS, INC. BROOKFIELD, WI POWER ENHANCEMENT AND PERFORMANCE EVALUATION OF THE SYSTEM FOR THE PERIOD 12/22/88 THROUGH 04/30/89 MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-N741)	6,695.58
19.	SUMMIT BUILDINGS/R & D BROOKFIELD, WI PURLIN TESTS AWARD # CHECK #040096 MIL ENG&AS CIVIL ENGINEER'G (133-9372)	800.00

STUDENT AID

1.	HAGENSICK, DONNA C. MILWAUKEE, WI ETTENHEIM, GEORGE P.--STUDENT ASSISTANCE (MILW) MIL STU AF FINANCIAL AID FEL& SCHOL (TRUST)	25.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P063P87122 MIL STU AF FINANCIAL AID PROV'L&SUP (148-B089)	755,833.00
3.	MANPOWER FOUNDATION, INC. MILWAUKEE, WI SCHOLARSHIP SUPPORT FOR UWM'S SEMESTER IN ISRAEL PROGRAM MIL L&S POLITICAL SCI POLIT SCI (133-N737)	1,000.00

TOTAL MILWAUKEE 2,176,552.08
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INSTRUCTION	316,126.97
LIBRARIES	1,000.00
MISCELLANEOUS	30,966.53
PHYSICAL PLANT	13,480.00
RESEARCH	1,058,120.58
STUDENT AID	756,858.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
VETERANS EDUCATION OUTREACH PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$2,157.00
AWARD # Q008712542, MOD. 1
GBY REGSTR REGISTRAR (144-AB33) 26.00

MISCELLANEOUS

1. ATHLETICS MEN - GENERAL
GBY ATHL ATHLETICS - MEN (133-E188)

3,600.00 UW - GREENBAY
GREEN BAY, WI
3,400.00 MULTIPLE DONORS

7,000.00

PHYSICAL PLANT

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CENTER FOR PERFORMING ARTS PLANNING AND
CONSTRUCTION
GBY FCL PL ADMINISTRATION (133-N659) 195,000.00

RESEARCH

1. SMALL BUSINESS ADMIN
CHICAGO, IL
MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE
FOR THE PERIOD 10-01-86 THROUGH 12-31-89
AT A TOTAL COST OF \$46,000.00
AWARD # SBA-2595-BD-87, MOD. 3
GBY I I A SM BUS DVLP CTR S B INSTIT (144-Z667) 19,600.00

2. CLIFTON, JAMES A
GREEN BAY, WI
ETHNOHISTORICAL RESEARCH
GBY CR COM HUMANISTIC STU (133-M179) 600.00

STUDENT AID

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

1) PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,780,798.00
AWARD # P008802950, MOD. 7
GBY ST AID FEL & SCHOL-AOG (148-D088) 2,219.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

2) PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AT A TOTAL COST OF \$1,960,771.00
AWARD # POG3P87120, MOD. 1
GBY ST AID FEL & SCHOL-AOG (148-D089) 797,161.00

2. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
SCHOLARSHIPS FOR YOUNG PERSONS FROM WISCONSIN
FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE
ENROLLED IN THE PROGRAM OF STUDIES FOR A STUDENT
IN NURSING AT THE BELLIN MEMORIAL HOSPITAL SCHOOL
OF NURSING
GBY ST AID FEL & SCHOL-AOG (133-9574) 1,701.00

UNRESTRICTED

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CENTER FOR PERFORMING ARTS DIRECTOR ACCOUNT
GBY COM PR GENERAL (133-N642) 3,000.00

2. MULTIPLE DONORS
VICE CHANCELLOR'S DISCRETIONARY FUND
GBY AC AFF VICE CHANC (133-N698) 350.00

TOTAL GREEN BAY 1,026,657.00
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INSTRUCTION	26.00
MISCELLANEOUS	7,000.00
PHYSICAL PLANT	195,000.00
RESEARCH	20,200.00
STUDENT AID	801,081.00
UNRESTRICTED	3,350.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS
LACROSSE, WI
SUPPORT FOR CONFERENCE ON TROUT FISHING
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC L&S PSYCHOLOGY (133-7809) 264.00

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
SCIENCE EDUCATION PROJECT FOR SECONDARY
SCIENCE TEACHERS
FOR THE PERIOD 01-01-89 THROUGH 06-30-91
AWARD # TPE-8850387
LAC L&S CHEMISTRY (144-2101) 252,108.00

MISCELLANEOUS

1. NCR FOUNDATION
UW LA CROSSE FOUNDATION
LA CROSSE SPECIAL TRUST FUND (LAC)
LAC EX DIV CHANCELLORS OFF (TRUST) 210.00-

2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH AGRIC
USDA FOOD REIMBURSEMENT
FOR THE PERIOD 01-01-88 THROUGH 06-30-89
LAC AC DEV CHILD CARE FAC (144-0501) 1,834.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
COOPERATIVE EDUCATION SUPPLEMENTAL
GRANT FOR FY 89
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # P055E080392
LAC AC DEV PLACE&CAREER ADV (144-9012) 13,397.00

4. LACROSSE FOUNDATION
LACROSSE, WI
SALARY REIMBURSEMENT BY THE FOUNDATION
FOR THE PERIOD 01-01-89 THRU 06-30-89
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (133-0502) 2,722.00

5. LACROSSE FOUNDATION
LACROSSE, WI
CHILD CARE SUPPORT FOR WOMENS STUDIES
ACADEMIC PROGRAM
FOR THE PERIOD 10-01-88 THRU 06-30-89
LAC L&S WOMENS STUDIES (133-9201) 4,500.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

1.	DOD, ARMY ST PAUL, MN ADD-ON TO PAMMEL CREEK ARCHAEOLOGY PROJECT FOR THE PERIOD 07-01-88 THROUGH 01-01-89 AWARD # DALW-37-88-M-1328, MOD. 1 LAC L&S SOCIOL & ANTHROP	(144-8872)	6,729.00
2.	WASECA, MINNESOTA CITY GOVERNMENT WASECA, MN CONTRACT TO ANALYZE WATER SAMPLES FOR THE PERIOD 12-17-88 THRU 01-31-89 LAC L&S BIOL & MICROBIOL	(133-1613)	799.00
3.	WI DEPT OF NATURAL RESOURCES MADISON, WI RESEARCH ON WATERFOWL HUNTERS FOR THE PERIOD 09-09-88 THRU 12-31-89 AWARD # NRI 91854 LAC L&S PSYCHOLOGY	(133-7836)	2,500.00
4.	IOWA STATE ARCHAEOLOGY OFFICE DES MOINES, IA ARCHAEOLOGY JOURNAL ANALYSIS FOR THE PERIOD 01-01-89 THRU 06-30-89 LAC L&S SOCIOL & ANTHROP	(133-8805)	3,413.00
5.	MIDSTATE ASSOCIATES BARABOO, WI ARCHAEOLOGY SURVEY AT TRUMPETER VALLEY FOR THE PERIOD 12-06-88 THRU 06-30-89 LAC L&S SOCIOL & ANTHROP	(133-8806)	1,315.00
	TOTAL LACROSSE		289,371.00 =====
	EXTENSION AND PUBLIC SERVICE	264.00	
	INSTRUCTION	252,108.00	
	MISCELLANEOUS	22,243.00	
	RESEARCH	14,756.00	

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

1. MUCIA BLOOMINGTON, IN TEACHING SERVICES OF PROFESSOR IN MALAYSIA FOR 1989 FOR THE PERIOD 01-01-89 THRU 12-31-89 OSH L&S CHEMISTRY	(133-3385)	54,640.00
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RESEARCH

1. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC SUPPLEMENTAL GRANT TO FUND FIELD RESEACH BY TWO UNDERGRADUATE STUDENTS FOR THE PERIOD 10-15-87 THROUGH 03-31-90 AWARD # EAR-8705717 OSH L&S PHYS-ASTRONOMY	(144-4475)	8,000.00
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STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC FIRST PELL GRANT INCREASE FOR 1988-89 FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # P063P87123, MOD. 1 OSH STU A ED OPPOR GRANTS	(148-4812)	1,516,982.00
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UNRESTRICTED

1. LILLIAN JONES CLUNIE TRUST RACINE, WI UNRESTRICTED DONATION OSH FIN SV ACCT-CASH SVCS	(133-3386)	500.00
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TOTAL OSHKOSH	1,580,122.00
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INSTRUCTION	54,640.00	
RESEARCH	8,000.00	
STUDENT AID	1,516,982.00	
UNRESTRICTED	500.00	

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

1. UNIVERSITY OF WISCONSIN SYSTEM ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DED
EMPHASIZING PROCESS SKILLS IN EARTH SCIENCE
AT A TOTAL COST OF \$27,216.00
FOR THE PERIOD 03-01-89 THROUGH 09-30-89
AWARD # AGR DTD 12-16-88
PKS SC&SOC SCIENCE BIOLOG SCI (144-AT69)

MISCELLANEOUS

1. RACINE COUNTY HUMAN SERVICES DEPARTMENT
RACINE, WI
PRIME CONTRACTOR WITH DHHS OHDS
TITLE XX DAY CARE FUNDS TO IMPROVE OR ENHANCE
DAY CARE SERVICES
FOR THE PERIOD 12-14-88 THROUGH 01-16-89
AWARD # CHECK #21453
PKS SL&C S STU GRP SUPPORT CHILD CARE (144-AT63) 1,400.00
2. MULTIPLE DONORS
PARKSIDE PRINT WORKSHOP
PKS SC&SOC FINE ARTS ART (133-K826) 2,877.00
3. CORPORATE IMAGES, INC.
RACINE, WI
VICE-PRESIDENT-MARKETING AND PLANNING (VPMP)
FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880) 200.00
4. REGIONAL STAFF DEVELOPMENT CENTER, 1987-1988
PKS G E A CHANCELLORS OFF ADMIN (133-M132)
- | | | |
|-----------|--------------------------------|-----------|
| 1,014.50 | MULTIPLE DONORS | |
| 750.00 | CENTRAL HIGH SCHOOL | |
| | SALEM, WI | |
| 15,000.00 | RACINE UNIFIED SCHOOL DISTRICT | |
| | RACINE, WI | |
| 937.50 | CARTHAGE COLLEGE | |
| | KENOSHA, WI | |
| 4,550.00 | COUNTY OF RACINE | |
| | RACINE, WI | |
| | | 22,252.00 |

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AT A TOTAL COST OF \$1,286,456.00
AWARD # P063P87124, MOD. 1
PKS BUS SV FELLOWS & SCHOLS (148-G089) 561,456.00

GIFTS, GRANTS AND CONTRACTS
 FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

2.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS	(133-C489)	65.00
3.	UW - PARKSIDE BENEVOLENT FOUNDATION, INC. KENOSHA, WI ALUMNI ANNUAL FUND PKS BUS SV FELLOWS & SCHOLS	(133-G893)	1,400.00
4.	MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-9472)	50.00
	TOTAL PARKSIDE		589,700.00 =====
	MISCELLANEOUS	26,729.00	
	STUDENT AID	562,971.00	

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - STEVENS POINT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
WASHINGTON, DC
UPWARD BOUND
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # G008640332-88
STP AC AFF EQUAL OPPOR PROG EQ OPP PRG (144-3329) 194,952.00
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
STP CONR NATURAL RESOURCS NAT RESRCS (133-8460) 27,753.00

GIFT-IN-KIND

1. GUY GIBSON
STEVENS POINT, WI
BLACK AND WHITE PHOTOGRAPHS ENTITLED "OLD MAN" (1)
AND "SNOW FARMS" (1) BY T.K. CHANG. A WATERCOLOR
BY NOVOTNY. AN OIL PORTRAIT BY J.L. CUTER.
STP COFA ART ART DEPT
2. GUY GIBSON
STEVENS POINT, WI
ETCHING ENTITLED "ROMAN COLOSSEUM" BY KEVIN SPATZ.
LITHOGRAPH BY PICAS. COLLOGRAPH ENTITLED
"CUNEIFORM TABLETS" BY H. SANDMANN. COLLOGRAPH
ENTITLED "GRAPHIC EXERCISE" BY H. SANDMANN.
ETCHING ENTITLED "LONDON FOG IN ROME"-KEVIN SPATZ
STP COFA ART ART DEPT

INSTRUCTION

1. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
U.S. FISH AND WILDLFE SERVICE INTERNSHIP
FOR THE PERIOD 05-24-88 THROUGH 09-30-88
AWARD # 14-16-0009-88-948 T01
STP CONR NATURAL RESOURCS NAT RESRCS (144-0956) 2,000.00

RESEARCH

1. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH EPA
ANALYSIS OF WELLHEAD PROTECTION AREAS FOR
MUNICIPAL WATER SUPPLY WELLS
FOR THE PERIOD 11-10-88 THROUGH 09-30-89
AWARD # NRI 92093
STP CONR DEAN OF NAT RES GRDWTR CTR (144-8487) 34,758.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

2. INTER, FISH AND WILDLIFE SERVICE WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1) STATUS OF FURBEARERS AND MOOSE WITHIN PICTURED ROCKS NATIONAL LAKESHORE FOR THE PERIOD 07-01-88 THROUGH 12-31-90 AWARD # 14-16-0009-1519 W.O.#15 STP CONR COOP FISH UNIT	(144-4622)	6,451.00
2) ROLE OF AVIAN CARCASSES IN THE EPIZOOTIOLOGY OF AVIAN BOTULISM IN WETLANDS OF THE CENTRAL VALLEY OF CALIFORNIA FOR THE PERIOD 10-01-88 THROUGH 05-30-91 AWARD # 14-16-0009-1519 W.O.#14 STP CONR COOP FISH UNIT	(144-4640)	28,472.00
3) STOCKTON ISLAND BLACK BEAR MANAGEMENT AND RESEARCH FOR THE PERIOD 07-01-88 THROUGH 09-30-88 AWARD # PX 6140-8-0215 STP CONR NATURAL RESOURCS NAT RESRCS	(144-8480)	1,800.00
3. WI DEPT OF NATURAL RESOURCES MADISON, WI EVALUATION OF STORMWATER DRAINAGE WELLS FOR THE PERIOD 10-01-88 THRU 09-30-89 STP CONR NATURAL RESOURCS NAT RESRCS	(133-8437)	29,500.00
4. WISCONSIN RIVER POWER COMPANY WISCONSIN RAPIDS, WI THE STATUS OF THE WHITE-TAILED DEER HERD ON THE PETENWELL WILDLIFE AREA FOR THE PERIOD 11-01-88 THRU 07-01-89 STP CONR NATURAL RESOURCS NAT RESRCS	(133-8454)	4,000.00
TOTAL STEVENS POINT		329,686.00 =====
EXTENSION AND PUBLIC SERVICE	222,705.00	
INSTRUCTION	2,000.00	
RESEARCH	104,981.00	

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

1. PHILLIPS PLASTICS CORPORATION
PHILLIPS, WI
GRANULATOR, BELDIT, 5 HORSEPOWER
STO I&TECH MATLS & PROCS'S
2. PHILLIPS PLASTICS CORPORATION
PHILLIPS, WI
SILK SCREEN PRINTER, AMERICAN SCREEN PRINTING
EQUIPMENT CORPORATION, AND DRYING RACK (USED
EQUIPMENT)
STO I&TECH MATLS & PROCS'S
3. PHILLIPS PLASTICS CORPORATION
PHILLIPS, WI
HOT-LEAF STAMPING MACHINE, ACROMARK MODEL 630-50
(USED EQUIPMENT)
STO I&TECH MATLS & PROCS'S
4. PHILLIPS PLASTICS CORPORATION
PHILLIPS, WI
PROGRAMMABLE CONTROLLER FOR INJECTION MOLDER,
HUNKAR (USED EQUIPMENT)
STO I&TECH MATLS & PROCS'S
5. DOROTHY AND BILL AMTHOR
MENOMONIE, WI
ONE USED BUESCHER CORNET
STO LIB ST MUSIC
6. PERKIN-ELMER (MECTO)
ST. LOUIS, MO
PLASMA SPRAY UNIT, FLAME SPRAY (POWDER)
UNIT, FLAME SPRAY (WIRE FEED) UNIT
STO I&TECH MATLS & PROCS'S
7. NICOLET INSTRUMENT CORPORATION
MADISON, WI
NICOLET NIC 320 SCOPE
STO I&TECH MATLS & PROCS'S
8. SUB-ZERO FREEZER COMPANY
MADISON, WI
TWO HYDRAULIC SPRAY PAINTING ROBOTS (USED
EQUIPMENT)
STO I&TECH MATLS & PROCS'S
9. ANDREWS KNITTING MILLS
ST. PAUL, MN
" 140 YARDS OF KNITTED FABRICS, 200 CUFFS,
COLLARS AND RIBBED WAISTBANDS. "
STO H ECON APPAREL, TEX&DES
10. INTEL CORPORATION
HILLSBORO, OR
2 MDS-23 MICROPROCESSOR/MICROCOMPUTER DEVELOPMENT
SYS. WITH IN-CIRCUIT-EMULATOR 85 AND 86. 2 SDK 85
MICROCOMPUTER TRAINERS ETHERNET COMMUNICATION CARD
TO INTERFACE THE DEVEL. SYS. TO PRESENT NETWORK.
STO I&TECH ENERGY & TRANSP

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

11. ANDREWS KNITTING MILLS
ST. PAUL, MN
140 YARDS OF KNITTED FABRICS, 200 CUFFS, COLLARS
AND RIBBED WAISTBANDS
STO H ECON APPAREL, TEX&DES
12. PHILLIPS PLASTIC CORPORATION
PHILLIPS, WI
INJECTION MOLDER AND HOPPER DRYER, NEWBURY 50 TON
MODEL H-350RS
STO I&TECH MATLS & PROCS'S
13. LACHAT INSTRUMENTS
MEQUON, WI
NWA QUALITY ANALYST, A COMPUTER SOFTWARE PROGRAM
FOR RUNNING STATISTICAL QUALITY ANALYSES.
STO I&TECH MATLS & PROCS'S
14. AUTOTYPE U.S.A.
SCHAUMBURG, WI
FILM ASSEMBLY SUPPLIES (EXPENDABLE SUPPLIES AND
FILM)
STO I&TECH GRAPHIC COMMUNIC

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR USE BY THE ATHLETIC DEPARTMENT
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO LIB ST P ED & ATHLETICS INTERC ATH (133-0716) 2,580.00

RESEARCH

1. EDUCATION, DEPT OF
WASHINGTON, DC
A COOPERATIVE DEMONSTRATION PROGRAM TO IMPLEMENT
A HIGH TECHNOLOGY TRAINING MODEL FOR RURAL BASED
BUSINESS AND INDUSTRY, TECHNICAL COLLEGES AND
LOCAL AND STATE EDUCATIONAL AGENCIES
FOR THE PERIOD 01-01-89 THROUGH 06-30-90
AWARD # V199A90151
STO I&TECH CTR FOR VTAE CTR VTAE (144-0843) 343,805.00
2. KOHLER COMPANY
KOHLER, WI
KOHLER: GROUP HOUSING DESIGN PROJECT
FOR THE PERIOD 12-01-88 THRU 06-30-89
STO LIB ST ART (133-0422) 5,000.00
3. CHIPPEWA VALLEY BEAN
MENOMONIE, WI
FUNDS TO SUPPORT GREENHOUSE AND KIDNEY BEAN
GENETIC RESEARCH
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO LIB ST BIOLOGY (133-0467) 900.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK-STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 STO ST AST WORK-STUDY	(145-0491)	22,625.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PERKINS LOAN PROGRAM (REDUCTION DUE TO INCORRECT REPORTING OF EXPENDITURE LEVEL) FOR THE PERIOD 07-01-88 THROUGH 06-30-89 STO ST AST NATL DIR STU LNS	(LOANS)	942,220.00-
3.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	PELL GRANT PROGRAM (REDUCTION DUE TO ADJUSTMENT BY THE DEPARTMENT OF EDUCATION) FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802953, MOD. 2 STO ST AST BEOG PROGRAM	(148-0760)	1,797.00-
2)	PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 STO ST AST BEOG PROGRAM	(148-0862)	1,671,885.00
4.	PEPSI-COLA COMPANY SOMERS, NEW YORK FUNDS TO PROVIDE MINORITY STUDENT SCHOLARSHIPS FOR THE PERIOD 07-01-88 THRU 06-30-89 STO G E A STU AFF & COUNSL ETHNIC PRG	(133-0790)	2,000.00
	TOTAL STOUT		1,104,778.00 =====
	MISCELLANEOUS		2,580.00
	RESEARCH		349,705.00
	STUDENT AID		752,493.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - SUPERIOR

GIFT-IN-KIND

1. UNIVERSITY OF WISCONSIN-SUPERIOR FOUNDATION
SUPERIOR, WI
INSTRUCTIONAL EQUIPMENT.
SUP BUS&EC

INSTRUCTION

1. DULUTH-SUPERIOR AREA COMMUNITY FOUNDATION
ARTS BOARD
DULUTH, MN
COMPOSER-IN-RESIDENCE PROJECT
FEATURING DANIEL PINKHAM
FOR THE PERIOD 03-15-89 THRU 03-19-89
SUP F&AA MUSIC (133-0408) 600.00

MISCELLANEOUS

1. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
CONFERENCE ON "A SENSE OF PLACE" : AN EXPLORATION
OF THE FINNISH IMMIGRANT EXPERIENCE THROUGH
POETRY AND PHOTOGRAPHS
FOR THE PERIOD 09-22-88 THROUGH 09-23-88
SUP F&AA ADMINISTRATION (144-0409) 323.00
2. BURLINGTON NORTHERN FOUNDATION
SEATTLE, WA
FACULTY ACHIEVEMENT AWARD
FOR THE PERIOD 09-01-88 THRU 05-31-91
SUP G E A CHANCELLORS OFF (133-0406) 9,000.00

RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
ON-SITE CHEMICAL RESIDUE ANALYSIS AT THE
EPA/ERL - DULUTH, MINNESOTA
FOR THE PERIOD 04-20-88 THROUGH 09-30-89
AWARD # 68-C8-0019, MOD. 3
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0407) 393,533.00
2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
METHODS FOR CHEMICAL CHARACTERIZATION OF
XENOBIOTIC CHEMICALS IN FISH AND SEDIMENTS
FOR THE PERIOD 08-01-88 THROUGH 07-31-90
AWARD # CR-81500401-0
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0390) 80,000.00

TOTAL SUPERIOR 483,456.00
=====

INSTRUCTION	600.00
MISCELLANEOUS	9,323.00
RESEARCH	473,533.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
THE ACTING COMPANY PERFORMANCE - 1/24/89
FOR THE PERIOD 01-24-89 THROUGH 01-24-89
AWARD # LTR DTD 06-01-88
WTW SFS-OA SEG FEE S-ORG A SEG FEE SO (144-1190) 2,380.00
2. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
NORTH CAROLINA DANCE THEATER PERFORMANCE - 4/20/89
FOR THE PERIOD 04-20-89 THROUGH 04-20-89
AWARD # LTR DTD 06-01-88
WTW SFS-OA SEG FEE S-ORG A SEG FEE SO (144-1191) 2,072.00
3. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
TANDY BEAL & CO. PERFORMANCE - 2/13/89
FOR THE PERIOD 02-13-89 THROUGH 02-13-89
AWARD # LTR DTD 06-01-88
WTW SFS-OA SEG FEE S-ORG A SEG FEE SO (144-1192) 1,632.00

INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
DEVELOPING MATHEMATICAL PROBLEM SOLVING
SKILLS IN GRADES K-5
FOR THE PERIOD 01-20-89 THROUGH 11-30-89
WTW EDUC CURRIC & INSTR CURR&INSTR (144-1178) 9,120.00

PHYSICAL PLANT

1. UW-WHITEWATER FOUNDATION, INC
WHITEWATER, WI
ARCHITECTURAL PLANNING FOR NEW BUILDING
AWARD # CHK # 2
WTW PP M&O GEN OPERATIONS (133-1177) 38,000.00

TOTAL WHITEWATER 53,204.00
=====

EXTENSION AND PUBLIC SERVICE 6,084.00
INSTRUCTION 9,120.00
PHYSICAL PLANT 38,000.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. PROFESSOR MARY ELLEN YOUNG
WAUKESHA, WI
8 BOOKS
CNS WAUK LIBRARY ADMIN
2. MR. RICHARD KRAHN
WAUKESHA, WI
WORKS OF NATHANIEL HAWTHORN - 10 VOLUMES
BIGELOW, BROWN & CO. 1923
CNS WAUK LIBRARY ADMIN
3. PROFESSOR RANDY ROHE
WAUKESHA, WI
THE STORY KEY TO GEOGRAPHIC NAMES, ILLUSTRATED
DICTIONARY OF PLACE NAMES UNITED STATES AND CANADA
NAMES ON THE GLOBE, NAMES ON THE LAND AND ROMANCE
OF WISCONSIN PLACE NAMES
CNS WAUK LIBRARY ADMIN
4. DR. DANIEL PUTMAN
MENASHA, WI
16 BOOKS
CNS FOX VA LIBRARY ADMIN
5. ED FITZPATRICK
APPLETON, WI
4 BOOKS: MCDOWELL, EVIDENCE THAT DEMANDS A VERDICT
CRABB. UNDERSTANDING PEOPLE. DOBSON. PARENTING
ISN'T FOR COWARDS. DOBSON. LOVE MUST BE TOUGH.
CNS FOX VA LIBRARY ADMIN

MISCELLANEOUS

1. MULTIPLE DONORS
UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40) 2,425.00
2. CLYDE F. SCHLUETER FOUNDATION, INC.
WAUSAU, WI
MATH TUTORIAL PROGRAM
CNS MARATH MATHEMATICS (133-N552) 500.00
3. MULTIPLE DONORS
CHORAL PROGRAM ENRICHMENT
CNS SHEBOY STUDENT AFFAIRS PRFRMG ART (133-N625) 100.00
4. UW-SHEBOYGAN COUNTY FOUNDATION, INC.
SHEBOYGAN, WI
NJCAA NATIONAL COMPETITION
CNS SHEBOY ATHLETICS (133-N657) 150.00
5. FRIENDS & ALUMNI FOUNDATION OF UWW, INC.
WAUKESHA, WI
FILMS FOR GEOGRAPHY DEPARTMENT
CNS WAUK GEOGRAPHY (133-N715) 1,200.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1) PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$2,602,735.00 AWARD # PO08802949, MOD. 6 CNS	(148-R088)	60,825.00-
2) PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$1,901,030.00 AWARD # P063P87118, MOD. 1 CNS	(148-R089)	145,710.00
2. UNIVERSITY OF WISCONSIN MARINETTE FOUNDATION MARINETTE, WI TALENTSHIPS FOR UWC-MARINETTE STUDENTS CNS MARIN STUDENT AFFAIRS FELL & SCH	(133-N280)	400.00
	TOTAL CENTER SYSTEM	89,660.00 =====
MISCELLANEOUS	4,375.00	
STUDENT AID	85,285.00	

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH AGRIC FAMILY NUTRITION PROGRAM FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # PO #FDIE 4233 EXT COOP E FAMILY LIV'G ED FAM LIVNG (144-AT35)	26,487.80
2.	INTERIOR, DEPT OF MADISON, WI MOISTURE DELIVERY PATTERNS IN THE UNITED STATES FOR THE PERIOD 11-04-88 THROUGH 06-30-89 AWARD # PO #046267-89 EXT G&NH S WIS GEOL&NAT HST W G&N HIST (144-AT21)	9,990.00
3.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH ADMINISTRATION AND FIELD SERVICES FOR THE PERIOD 11-01-87 THROUGH 10-31-88 AT A TOTAL COST OF \$205,629.00 AWARD # WHC-FY-88, MOD. 1 EXT GEA SV W HUMANITIES COM (144-AB10)	2,200.00
4.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH ADMINISTRATION AND SERVICES TO THE FIELD AND COUNCIL CONDUCTED PROJECT FOR THE PERIOD 11-01-88 THROUGH 10-31-89 AWARD # AGREEMENT WHC-FY-89 EXT GEA SV W HUMANITIES COM (144-AR42)	191,480.00
5.	WI EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRIME CONTRACTOR WITH NSF INTERACTIONS SERIES FOR THE PERIOD 01-01-88 THROUGH 09-30-89 AT A TOTAL COST OF \$326,172.00 AWARD # AGR DTD 03-02-88, MOD. 1 EXT TELCOM WHA TELEVISION (144-AF22)	26,172.00
6.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CO&AREA OFC-S E (133-F085)	50.00
7.	WISCONSIN FARM PROGRESS DAYS, INC. MADISON, WI COVER BUSINESS EXPENSES RELATED TO FARM PROGRESS DAYS EXT COOP E AGRIC & AGRI-BUS AG& AG-BUS (133-H356)	12,000.00
8.	UNRESTRICTED GRANT IN SUPPORT OF WHA-TV EXT TELCOM WHA TELEVISION (133-K838)	
	1,000.00 GARVER MEMORIAL TRUST MADISON, WI	
	500.00 K.R. KIMPORT MADISON, WI	
		1,500.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

9.	WAUSHARA COUNTY WAUTOMA, WI PARTIAL MAINTENANCE OF EXTENSION FAMILY LIVING PROGRAM FOR THE PERIOD 10-15-87 THRU 06-30-89 EXT COOP E CO&AREA OFC-N E (133-M216)	10,562.00
10.	ASHLAND COUNTY ASHLAND, WI COUNTY SUPPORT FOR HOME ECONOMIST/ 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH (133-M469)	4,307.00
11.	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)	
	2,258.00 BAYFIELD COUNTY	
	6,776.00 WASHBURN, WI ASHLAND COUNTY ASHLAND, WI	
		9,034.00
12.	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)	
	7,390.00 BAYFIELD COUNTY	
	2,465.00 WASHBURN, WI ASHLAND COUNTY ASHLAND, WI	
		9,855.00
13.	MARQUETTE COUNTY MONTELLO, WI COUNTY SUPPORT FOR HOME ECONOMIST AND AGRICULTURE AGENT-MARQUETTE COUNTY FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-CTRL (133-M482)	7,351.00
14.	TAYLOR COUNTY MEDFORD, WI COUNTY SUPPORT FOR HOME ECONOMIST-TAYLOR COUNTY FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-CTRL (133-M484)	3,504.00
15.	FOREST COUNTY CRANDON, WI PARTIAL SUPPORT FOR RESOURCE DEVELOPMENT AGENT, HOME ECONOMIST AND 4-H YOUTH AGENT FOR THE PERIOD 01-01-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH (133-M490)	6,760.00

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

16.	ONEIDA COUNTY RHINELANDER, WI COUNTY SUPPORT FOR 4-H YOUTH AGENT FOR THE PERIOD 03-15-88 THRU 06-30-89 EXT COOP E C&AREA OFC-NORTH	(133-M494)	2,184.00
17.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION	(133-M807)	
	3,500.00 WISCONSIN POWER & LIGHT FOUNDATION MADISON, WI		
	750.00 SUTTLE PRESS WAUNAKEE, WI		
	500.00 COMPUTERLAND OF MADISON MADISON, WI		
	500.00 CUSTER FINANCIAL SERVICES MADISON, WI		
	500.00 PAPERTERIA MADISON, WI		
	700.00 RUTH WELCH FURS BARABOO, WI		
	1,040.00 KINKO'S MADISON, WI		
	2,850.00 G-I SUPPLY CO. MADISON, WI		
	4,000.00 LAWTON AND CATES MADISON, WI		
	1,050.00 MULTIPLE DONORS		
			15,390.00
18.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI WOMEN OF SPIRIT FOR THE PERIOD 04-01-88 THRU 03-31-89 AWARD # FY 88-16L EXT TELCOM WHA RADIO	(133-M825)	8,000.00
19.	WI EXTENTION HOMEKMAKERS COUNCIL, INC. MADISON, WI SUPPORT OF FCL PROJECT EXT COOP E FAMILY LIV'G ED FAM LIVNG	(133-N307)	4,325.00
20.	NATIONAL PUBLIC RADIO WASHINGTON, DC WHAD' YA KNOW? WITH MICHAEL FELDMAN EXT TELCOM WHA RADIO	(133-N564)	15,000.00
21.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC STUDY OF AUDIO MARKETING APPROACHES FOR THE PERIOD 09-01-88 THRU 08-31-89 EXT TELCOM WHA RADIO	(133-N614)	25,000.00
22.	JOURNAL OF EXTENSION MADISON, WI ADMINISTRATIVE SUPPORT OF THE JOURNAL OF EXTENSION FOR THE PERIOD 01-01-89 THRU 12-31-89 EXT COOP E JRNL OF EXT	(133-N648)	60,402.63

GIFTS, GRANTS AND CONTRACTS
FEBRUARY 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

23.	RAYOVAC CORPORATION MADISON, WI SIDRAN ON RECORD EXT TELCOM WHA RADIO	(133-N652)	7,500.00
24.	JACKSON COUNTY BLACK RIVER FALLS, WI COUNTY SUPPORT FOR 4-H YOUTH AGENT-JACKSON COUNTY FOR THE PERIOD 11-14-88 THRU 06-30-89 EXT COOP E CO&AREA OFC-WEST	(133-N663)	8,757.17
25.	WISCONSIN PUBLIC RADIO ASSOCIATION, INC. MADISON, WI TUNE-IN MATCHING GRANT EXT TELCOM WHA RADIO	(133-N681)	4,914.00
26.	JUNEAU COUNTY MAUSTON, WI JUNEAU COUNTY INTERIM 4-H & YOUTH AGENT FOR THE PERIOD 01-01-89 THRU 12-31-89 EXT COOP E CO&AREA OFC-CTRL	(133-N703)	16,666.00
27.	FRIGO CHEESE COMPANY GREEN BAY, WI COUNTY TRAVEL SUPPORT FOR WAUPACA CO. EXTENSION AGENT EXT COOP E AGRIC & AGRI-BUS AG& AG-BUS	(133-N792)	600.00
28.	WISC DEPT OF NATURAL RESOURCES MADISON, WI WILDLIFE MANAGEMENT CONSTITUENCY STUDY FOR THE PERIOD 11-01-88 THRU 10-31-89 AWARD # NRI 91818 EXT COOP E COM,N RSRC&EC DV REC RES CT	(133-N802)	15,000.00
29.	MULTIPLE DONORS SUPPORT AREA HOME ECONOMISTS AND AREA 4-H YOUTH AGENT EXT COOP E C&AREA OFC-NORTH	(133-8368)	200.00

STUDENT AID

1.	FIRST WISCONSIN-MADISON PORTAGE, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK, WILLIAM T.--4-H MERIT AWARD (EXT) EXT COOP E 4H-YOUTH DVLPMNT 4H-YTH DEV (TRUST)	(TRUST)	1,409.47
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TOTAL EXTENSION

506,601.07

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EXTENSION AND PUBLIC SERVICE	505,191.60
STUDENT AID	1,409.47

FEBRUARY 10, 1989
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 12-16-88 THROUGH 01-20-89

	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-	-0-	-0-	4,375	-0-	-0-	85,285	-0-	89,660
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	505,192	-0-	-0-	-0-	-0-	-0-	1,409	-0-	506,601
GREEN BAY	-0-	26	-0-	7,000	195,000	20,200	801,081	3,350	1,026,657
LA CROSSE	264	252,108	-0-	22,243	-0-	14,756	-0-	-0-	289,371
MADISON	58,927	186,336	98,306	1,931,110	218,000	13,755,996	3,055,662	37,168	19,341,506
MILWAUKEE	-0-	316,127	1,000	30,967	13,480	1,058,121	756,858	-0-	2,176,552
OSHKOSH	-0-	54,640	-0-	-0-	-0-	8,000	1,516,982	500	1,580,122
PARKSIDE	-0-	-0-	-0-	26,729	-0-	-0-	562,971	-0-	589,700
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	222,705	2,000	-0-	-0-	-0-	104,981	-0-	-0-	329,686
STOUT	-0-	-0-	-0-	2,580	-0-	349,705	752,493	-0-	1,104,778
SUPERIOR	-0-	600	-0-	9,323	-0-	473,533	-0-	-0-	483,456
WHITEWATER	6,084	9,120	-0-	-0-	38,000	-0-	-0-	-0-	53,204
TOTAL FEB 1989	793,172	820,957	99,306	2,034,326	464,480	15,785,292	7,532,742	41,018	27,571,293
PREVIOUSLY REPORTED	7,269,201	9,176,943	777,480	8,793,574	1,234,110	130,370,950	58,979,113	107,757	216,709,126
GRAND TOTAL	8,062,372	9,997,900	876,786	10,827,900	1,698,590	146,156,242	66,511,855	148,775	244,280,419
TOTAL FEB 1988	355,023	305,354	5,050	1,000,336	58,340	9,858,966	6,458,987	27,369	18,069,425
PREVIOUSLY REPORTED	4,952,095	12,430,296	563,745	8,056,124	1,158,698	114,280,517	42,941,609	42,693	184,425,777
GRAND TOTAL	5,307,118	12,735,650	568,795	9,056,461	1,217,038	124,139,483	49,400,596	70,062	202,495,202
FEDERAL TOTAL FEB 1989	457,366	601,327	-0-	72,435	13,480	11,028,817	7,373,182	-0-	19,546,606
PREVIOUSLY REPORTED	2,120,780	8,047,360	319,827	2,578,276	419,360	92,436,238	56,355,478	-0-	162,277,318
FEDERAL GRAND TOTAL	2,578,146	8,648,687	319,827	2,650,711	432,840	103,465,054	63,728,660	-0-	181,823,924
FEDERAL TOTAL FEB 1988	34,062	152,841	-0-	197,138	58,340	6,470,054	6,343,935	-0-	13,256,370
PREVIOUSLY REPORTED	1,932,560	11,177,153	-0-	2,370,894	966,697	78,048,175	40,186,580	-0-	134,682,059
FEDERAL GRAND TOTAL	1,966,622	11,329,994	-0-	2,568,032	1,025,037	84,518,229	46,530,515	-0-	147,938,429

UW SYSTEM POLICY ON COMPETITION WITH THE PRIVATE SECTOR

Overview

The University has a responsibility to consider very carefully any decision to provide products and services to students, faculty, staff, private organizations or the public at large, particularly when the products and services to be provided might compete with similar products or services offered by the private sector. Some degree of competition between the University and the private sector may be unavoidable, even when the University is engaged in the narrowest pursuit of its instructional, research and public service missions. However, in all cases where a potentially competitive situation exists, the university must consider the concerns of affected private businesses and act with sensitivity and good faith regarding those concerns.

This policy establishes a competition review committee at each institution composed of representatives of the University, private sector and public-at-large. In addition, the policy defines criteria to be used in evaluating the appropriateness of University sales activities and establishes principles for pricing those products and services that UW System institutions may offer.

Protocol for Monitoring Institutional Competitive Activities

Each institution is to establish a committee to review specific issues of competition using the criteria and pricing principles defined in this policy. The chancellor will appoint the committee composed of representatives of the University, the private sector and the general public. Faculty, student and staff appointments should be made upon the recommendation of the appropriate University governance structures.

The chancellor will refer to the institutional competition review committee all major new competitive activities. In addition, s/he shall also refer all ongoing activities whose appropriateness or pricing has been questioned.

The committee's charge will be to:

- 1. Examine the issues involved in the institution offering major new competitive activities and ongoing activities whose appropriateness has been questioned.*
- 2. Review the pricing structure of major new competitive activities and ongoing sales activities whose appropriateness or pricing has been questioned.*
- 3. Recommend to the chancellor, in a timely manner, a course of action which specifically addresses (a) whether the activity should be implemented or continued and (b) whether the pricing of the products and services is appropriate.*

The chancellor will determine whether the institution will become involved with the new activity or continue an ongoing activity and whether changes should be made to the pricing of products and services. The chancellor's decision may be appealed to University of Wisconsin System President. If a satisfactory resolution cannot be developed, an appeal can be made to the Board of Regents by addressing a letter to:

***Secretary of the Board of Regents
University of Wisconsin System
1860 Van Hise Hall
1220 Linden Drive
Madison, Wisconsin 53706***

Criteria For Judging the Appropriateness of Competitive Activities

All activities competitive with the private sector must be integral to the fulfillment of the institution's instructional, research or public service missions or must meet one of the following four criteria:

a. There are compelling reasons of economic efficiency. Economic efficiency implies that University resources can be made available to the broader community at relatively little additional cost to the institution. For example, the use of underutilized university facilities such as stadiums and auditoriums for non-University functions such as high school graduation ceremonies and sporting or other entertainment events may benefit the University as well as the private sector and the community.

- or -

b. The product or service is unavailable elsewhere in the community. Unavailability may be defined in terms of quality or quantity of the product or service. For example, the sale of research by-products which would otherwise be unavailable in the community may benefit both the University and the community.

- or -

c. Providing the product or service is a major convenience to the campus community including students, faculty, staff and other members of the public participating in institutional activities. Convenience would typically be defined in geographic terms, although other factors could also be considered (e.g., hours of operation of private sector providers). Familiar examples of operations conducted primarily to support campus life are on-campus recreational facilities and bookstores.

- or -

d. The University's offering of the product or service is of major importance to maintaining the quality of the institution. Most crucial to maintenance of quality are efforts which impact positively on student, faculty and staff recruitment and retention. For example, the operation of quality cultural and health facilities such as art museums and the clinical cancer center are important for maintenance of quality.

Where required by a federal or state mandate, other activities which compete with the private sector are also permitted.

Pricing Policies

Products or services offered by the UW System institutions shall normally be priced to recover, at a minimum, all costs related to producing the product or service, including all applicable direct and indirect costs as determined by basic cost accounting principles. Exceptions to full cost recovery pricing are permitted (or are required) under the following circumstances:

- 1. If the activity is integral to the fulfillment of the institution's instructional, research or public service missions, prices may be established at less than full cost recovery upon approval by the chancellor.*
- 2. If underutilized University facilities are made available for non-University events primarily for the benefit of the private sector or the community, prices may be set below full cost recovery;*
- 3. If underutilized University facilities are made available for non-University events primarily for fund-raising purposes, prices may be set to include a profit above the full recovery of costs;*
- 4. If products and services are offered for the convenience of students, faculty, staff or participants in University activities, prices must be set so as to be competitive with private sector prices, unless a higher price is required to ensure full cost recovery;*

In addition, if subsidized pricing is mandated or permitted by federal law or state statute, prices should be set accordingly.

For any new activity presented to the competition review committee, full documentation of costs and pricing determinations must be included. The committee will review the pricing structure for compliance with the above criteria, taking into consideration the impact of the competition with the private sector.

For purposes of implementing these pricing policies, direct costs include, but are not limited to, all salaries, fringe benefits, supplies, and capital directly attributable to the sale of the product or service. Indirect costs include, but are not limited to, depreciation, utilities, municipal services charges, interest, support services, custodial services, etc. allocable to the sale of the product or service. As an alternative to calculating indirect costs for individual sales operations, the federal indirect cost rate may be used.

Policy Review

This policy and its implementation should be reviewed after it has been operational for three years.

2/11/89

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

UW-Stevens Point - Bldgs & Land - Naming

A. Upon recommendation of the UW-Stevens Point Campus Facilities Naming Committee and Vice Chancellor Howard Thoyre, the Health Enhancement Center on the UW-Stevens Point campus has been dedicated to the retiring Chancellor and his wife, Philip and Helen Marshall. Notice of this planned action was sent to the members of the Board of Regents Physical Planning and Development Committee in advance of the dedication.

University Names - (same, but add "at UW-Stevens Point")

after

Non-pers. Item A

Bldgs & Land - Easement

B. Officers of the Board have executed an agreement under general authority granted by Resolution 518 (06/08/73), granting an easement to Madison Gas and Electric for the purposes of providing underground electric service to the 900 Group of the Eagle Heights Housing Complex for the UW-Madison.

any Housing - (same) Eagle Hts

Non-pers. Item B

Trout Lake Biological Station

C. The UW-Madison Vice Chancellor for Administration has signed, on behalf of the Board of Regents, Discharge Permit Application for Trout Lake Biological Station. The water supply at the Station has a high iron content and the discharge application is related to operation of the filtration system that will be installed to remove the iron.

Approval

Non-pers. Item C

UW-Superior - Bldgs & Land

D. Chancellor Terrence J. MacTaggart, using the authority that allows him to approve a naming of an area not encompassed within a building, has named a portion of the UW-Superior campus to recognize the contributions to athletics of the late Mertz Mortorelli, who served UW-Superior for more than 30 years. This 15-acre area, which includes the Wessman Hockey Arena and the running track, would be known as the Americo (Mertz) Mortorelli Athletic area.

Naming

Non-pers. Item D

Bldgs & Land

E. Officers of the Board have executed an agreement under general authority granted by Resolution 518 (06/08/73), granting an easement to Wisconsin Power and Light for extending electrical service to an underground well at the West Madison Research Station.

Non-pers. Item E

UW-Green Bay - Bldgs & Land

F. A Cooperation Agreement between UW Green Bay and University Village Housing Inc. has been executed by the UW-Green Bay Chancellor and will become effective as of the 1st day of July, 1989. University Village Housing owns seven student residence buildings and is undertaking construction of three additional student residence buildings on land contiguous to the buildings of the University. It is intended that the Project be a functional part of the University. This Cooperation Agreement amends the document signed September, 1985.

Non-pers. Item F

G. University of Wisconsin Press Agreements:

AUTHOR	TITLE
Louise O. Fradenburg	CITY, TOURNAMENT, MARRIAGE: Forms of Rule in Medieval Scotland
Linda Gordon (Editor)	INVENTING OUR RIGHTS: <u>Women and the Welfare State in the United States</u>
Gerald M. MacLean	TIME'S WITNESS: Historical Representation in English Poetry, 1603, 1660

On signature of the Vice President for Physical Planning and Development, the following lease agreement has been renewed:

Lessee: Shoots and Roots Program UW-Extension
Lessor: Mary Lou Lamonda/Edward Kaiser
Location: 4700 N. 32nd Street, Milwaukee
Size: 1,350 square feet
Lease term: March 1, 1989 to August 31, 1989
Annual rental: \$3,000
Renewal option: Two, six-month extensions

On signature of the Vice President for Physical Planning and Development, the following lease agreement has been entered into:

Lessee: College of Engineering (Brazil Project) UW-Madison
Lessor: University Science Center Partnership
Location: 535 Science Drive, Suite C (University Research Park),
Madison
Size: 2,375 square feet, with option to rent Suite D (2,375 s.f.)
after April 30, 1989.
Lease term: January 1, 1989 to December 31, 1989
Annual rental: \$29,928
Renewal option: One, one-year extension

On signature of the Vice President for Physical Planning and Development, the following lease amendment has been entered into:

Lessee: Wisconsin Clearinghouse UW-Madison
Lessor: Independence Center Joint Venture
Location: 1245 E. Washington Avenue
Size: 400 square feet additional space for a new total of 1,270
s.f. of storage space and 1,555 s.f. of office space; grand
total of 2,845 s.f.
Lease term: Jan. 1, 1989 to June 30, 1989
Annual rental: \$17,637.12 (all space)
Renewal option: None