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

Madison, Wisconsin

March 11, 1988

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FULL MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, Room 1820 Van Hise Hall

Friday, March 11, 1988

9:00 a.m.

- Vice President Schilling presiding -

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

ABSENT: Regents Davis, Gerrard, Heckrodt and Weinstein

Approval of Minutes

Minutes of the special meeting of the board held on February 4, 1988, and of the regular meeting held on February 5, 1988, were unanimously approved, upon motion by Regent Clusen, seconded by Regent Fish.

Poellnitz, Fred D., Jr. - welcome as ^{System} VP for Bus. & Fin., and 7/1/88, p. 1

REPORT OF THE VICE PRESIDENT OF THE BOARD

X ref ~~System~~ ~~Office~~ - welcome to
Welcome to Fred D. Poellnitz, Jr., as VP for Bus. & Fin., and 7/1/88, p. 1

Vice President Schilling welcomed Fred D. Poellnitz, Jr., who had been appointed in February as UW System Vice President for Business and Finance, effective July 1, 1988. He currently served as Vice President for Finance and Business at Meharry Medical College, Nashville, Tennessee.

Report on the Council of Public Broadcasting

Regent Clusen, Chair of the UW System Council on Public Broadcasting, reported on the council's March 9 meeting, at which the main topic of discussion was capital equipment needs at university broadcast stations.

Vice President Trani and Associate Vice President Sell were present to answer questions regarding the concern that teacher education majors might not be receiving enough course work in use of up-to-date media instruction and the concern that outmoded station equipment might be hindering preparation of students for careers in broadcasting.

E.C.B. - Report on meeting concerning course work & out of date equipment pp 1-2

With respect to the first question, Dr. Trani advised the council of a new Department of Public Instruction certification requirement that mandated a minimum of one course in instructional technology. That requirement already was being met at UW-Madison, and similar courses were to be in place elsewhere by fall 1988.

On the second question, there was discussion as to whether the laboratory modernization fund could be used to update outmoded equipment. Associate Vice President Sell reported on the Decision Item Narrative working group process and suggested that this might be a way to approach equipment needs. She defined the distinction between operating and capital budget requests and noted that for television production centers a joint request was to be made by UW-Extension, UW-Green Bay and UW-Stout. The council planned to compile a profile of university broadcast stations in order to obtain a better view of their roles and the status of equipment needs.

The council also received reports on radio and television activities, including joint efforts between UW-Extension and the Educational Communications Board.

The next meeting of the council was to be held in mid-October 1988 at UW-Oshkosh, with the schedule to include a tour of the campus radio station. Regent Clusen suggested that regents might wish to tour facilities of this type when visiting various institutions.

Chancellor

and Emeritus Chan. status granted to

Resolution of Appreciation, Chancellor Swanson, UW-Stout, R 3989, pp 2-3

Regent Clusen presented the following resolution and moved its adoption:

Resolution 3989: WHEREAS Robert S. Swanson has served as chancellor of the University of Wisconsin-Stout with distinction for over 15 years, from the time of his appointment to that position in 1972; and

WHEREAS his service to that university has been singularly devoted and effective: first expressed as the ambition of his boyhood, later realized in his achievements as a student, then brought to fruition in his years as a teacher, and finally culminated in a brilliant administrative career as dean and chancellor; and

Xref UW-Stout - Staff - (same)

Xref Swanson, Robert S. - Resolution of appreciation & Emeritus Chancellor status granted to Robert Swanson, R 3989, pp 2-3

WHEREAS he has earned the personal affection and gratitude, not only of his campus colleagues and students, but the entire University of Wisconsin System, the officials of Wisconsin State Government, and the leaders of Wisconsin business, industry and commerce; and

WHEREAS he has advanced the quality and stature of UW-Stout, and in every respect enhanced the esteem in which this proud institution is held; and

WHEREAS Margaret Swanson has provided dedicated support and assistance in these efforts and has made an important contribution to the development of UW-Stout;

THEREFORE be it resolved that the Board of Regents hereby commends Robert Swanson for his exceptional educational leadership, expresses deep appreciation to him and his wife, Margaret, and grants him, as of March 21, 1988, the status and title of Chancellor Emeritus of the University of Wisconsin-Stout.

The resolution was seconded and adopted by the entire board with a standing ovation.

Administrative Code

Report on Status of Review of Process for Faculty Grievances, UWS 6.02, pp 3-4

Regent Schilling referred to a memorandum to the board from President Shaw and himself relating to the topic of UWS 6.02, *Wisconsin Administrative Code*. In December, a committee of the board, composed of Regents Schilling, Hanson, and Nicholas, brought to the board two recommendations: first, that an appeal from a particular faculty member regarding a grievance not be considered by the board; and second, in light of the committee's interpretation of s. 6.02, that the board review the entire matter of the circumstances under which access to the board should be provided for a faculty member who had a grievance. The memorandum indicated that the president and committee concurred in a recommendation that UWS 6.02 be amended to make the process the same as in UWS 6.01; namely, that the decision by the chancellor, on recommendation of a grievance committee, or on the grievance in the absence of committee recommendation, shall be final, except that the board at its option may grant a review on the record. That would enable a committee of the board to review the matter and to apply criteria to determine whether it merited board attention. The draft letter attached to the memorandum was to be sent to chancellors, vice chancellors and faculty representatives, requesting comments on this matter. After receiving those comments, President Shaw would bring a specific recommendation to the board.

Faculty - (non)

Regent Nikolay inquired as to whether it would be necessary to make this change through the administrative rules amendment procedure, and Regent Schilling replied in the affirmative.

Regent Hanson noted that the first step would be to solicit recommendations from each institution.

Regent Nicholas commented that the proposed change would ensure fair treatment of all parties.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Resolution 3990 was moved by Regent Jarvis, seconded by Regent Nikolay and carried unanimously.

Resolution 3990: 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.

Missions - First reading po

UW System and Core Mission Statements (first reading), pp 4-8

President Shaw outlined the following principles which he had developed in response to discussion at the February board meeting: First, as constitutions under which universities operate, mission statements should provide broad statements of direction which reflect areas of long-term and continuing focus for an institution. They should be amended infrequently and by an open process of consultation among those governed by them. Faculty, staff and students, as well as the Board of Regents should feel an ownership in these statements and take pride in each institution's focus and strengths.

Second, more topical interests, such as program array, would be more apt to change quickly than the mission statements themselves.

Third, a university's uniqueness should be defined only in part by its mission statement, with program array also doing much to describe its special character. Centers of Excellence would provide the last piece of the picture, by focusing on special efforts that build on the mission.

Fourth, each institution's overall mission should be defined by the system, core and select missions, which should be considered as a set.

Fifth, duplication of some items between select and core missions might be appropriate when meant to convey a special institutional focus or emphasis.

Sixth, all degree-granting institutions offer a solid core of liberal arts programs. At some institutions, such as UW-Stout, the liberal arts and sciences support more specialized technical professional programs. At other institutions, such as UW-Eau Claire and UW-Oshkosh, the missions were defined as offering primarily a strong liberal arts program with a small number of professional programs. First-quality institutions of both kinds are considered appropriate.

Based on those principles, President Shaw made the following recommendations as to system and core missions. No changes were recommended in the system mission, and it was felt the statement as set forth in Chapter 36 of the statutes remained suitable.

Core mission statements for the UW Centers and UW-Extension had been eliminated, and both institutions would have the opportunity to incorporate portions into their select mission statements. Added to the core missions for both doctoral and university clusters were statements regarding minority/disadvantaged opportunities, economic development, research and scholarly activity, and extension/outreach.

No suggested changes had been made in the select missions. With board concurrence, the system and modified core statements would be sent to the institutions, which would be asked to review their draft select missions in light of these changes. They would be asked to determine, first, whether there were now duplicative items in the select mission that they would like to eliminate; second, whether there were additional items they would like to add to the select mission to focus the statement further; and, third, whether greater specificity could be obtained. Because regents had expressed the desire for greater specificity in certain select missions, the president's letter to the institutions would convey the essence of any discussion at this meeting and would also include specific suggestions made in writing, so that these views could be transmitted accurately.

As to next steps, President Shaw made the following recommendations: First, that the regents review the system and amended core mission statements and indicate approval or desired modifications at this meeting; second, that duplication of items between the core and select mission statements be allowed, in order to convey a particular institutional commitment; third, that all catalogues carry the full set of system, core and select mission statements; fourth, that diversity in the degree of program specificity described in select missions be accepted, with recognition that some institutions offer more specialized technical and professional programs, while others are more broadly liberal arts based, with limited professional programs.

The President proposed the following timetable for proceeding with further institutional reviews of select missions and for hearings:

- By March 15, the modified core statements would be sent to the institutions with the request for review of the select mission statement.
- By April 15, the select missions would be returned to system administration, and they would be shared immediately by mail with all regents.
- From April 21-28, hearings at each campus would be held.
- On May 4-5, the board would review the hearing results.
- At the June meeting, there would be board action on the mission statements.

Noting that this was an ambitious schedule, President Shaw indicated, however, that if it were delayed, faculty would have left campus for the summer, and it would be necessary to defer hearings until fall. He hoped, if possible, to finish the project by July 1.

In conclusion, the president noted that the select mission statements, together with program array and Centers of Excellence, would describe the diversity in the UW System, with program array offering a more complete and detailed picture of the select mission statement, and Centers of Excellence focusing special efforts consistent with the mission and program array at each institution. The result would be a strong finished product, which would focus and guide the UW System's priorities in the future.

Regent Fish asked if the chancellors and Vice President Trani found these suggestions workable.

President Shaw responded that his discussions with the chancellors and Dr. Trani indicated that the proposed procedure was realistic but that the time frame was constrained. The process as outlined allowed for review and for the regents to give guidance. While the majority of the chancellors might prefer no review beyond what had already occurred, he felt this was a workable way to proceed.

Regent Lyon stated that he supported maintaining the existing system mission statement, which was deliberately broad and which he considered preferable to the initially proposed modifications.

Inviting discussion with regard to core mission statements, Regent Lyon commented that the emphasis on quality in the Regents' Plan for the Future did not seem fully projected in the core statements. The statements did not seem entirely consistent with directions set forth in the Regents Plan in the areas of enrollment management, quality assessment, Centers of Excellence, and program review--all of which suggested improvement of current efforts, rather than expansion. In that regard, he referred to addition of the phrase "including research" to the proposed university cluster mission. Noting that the existing core mission statement called for "scholarly activity," he pointed out that, depending upon interpretation, addition of the words "including research" could constitute substantial change. If that statement were intended to include expanded laboratories, libraries, GPR funding, or reallocation of staff time, he questioned whether it was consistent with recent actions, and whether it could establish a competitive environment for funding among the university cluster and doctoral institutions.

Replying that the issue had been carefully considered, Vice President Trani noted that the word "research" had been removed from the University Cluster mission statements the last time they were formulated. However, faculty, staff, and administrators at University Cluster institutions felt the existing statements did not accurately reflect existing faculty responsibility for teaching, research and public service. The distinction between the University Cluster and the Doctoral Cluster missions was that programs of research at the doctoral institutions are organized and funded through GPR, with focus on the institution, while at University Cluster institutions, focus of research efforts is on the individual faculty member, without expectation of GPR support. Although research is considered a criteria for promotion and tenure at all UW institutions, it was not currently recognized in the University Cluster mission statements; and faculty members, therefore, were being evaluated on a basis that apparently was not part of the institutional mission. The proposed statement attempted to resolve this dilemma by recognizing research as part of the individual faculty member's responsibility, and the same wording was repeated in the select mission statements.

Regent Clusen spoke in favor of retaining the phrase "including research" in the core mission statement, on the basis that it clarified the existing expectation that faculty at University Cluster institutions had a responsibility for scholarly activity, including research. In that sense, it was not an addition to the University Cluster mission but only a recognition of the current situation.

Regent Hanson urged that, in making any suggestions to the various universities, the regents recognize that the decision on select mission statements belonged primarily to the faculties and the individual universities. She considered it their prerogative to determine whether their statement should be general or more specific, and she felt it would be inappropriate for the board to dictate the decision in that regard.

Regent Schilling noted that the Board of Regents was required by law to establish missions, although there had been and would continue to be extensive institutional involvement.

Stating disagreement with Regent Hanson's position, Regent Grover commented that the statutorily defined responsibility for establishing missions required the board to take an active role in the process. In that regard, he felt consideration of issues, such as inclusion of research in the University Cluster mission, clearly was a proper function of the board. To simply accept whatever was decided by the individual universities, he stated, would be to abdicate a fundamental role of the Board of Regents.

Regent Flores inquired as to Regent Hanson's interpretation of the regents' role in preparation of the mission statements.

In response, Regent Hanson pointed out that the Board of Regents had established guidelines for the mission reviews in its Plan for the Future. She felt the institutions had responded in good faith and that it would be unfair to change those directions now. While the board retained overall responsibility, she believed that the content of select mission statements should be determined primarily by the individual institutions.

In response to a request by Vice President Schilling, President Shaw outlined his view as to the format of the hearings, each of which would be chaired by a member of the Board of Regents. First, there would be a presentation by the institution of its proposed select statement. In conjunction with that presentation, a dialogue could occur in terms of regent suggestions, so that there would be an opportunity to discuss reasons why the institution had presented its proposal in a particular way. Others also would have the opportunity to express their views. As a result of the hearings, any unresolved areas of difference could be identified.

Regent Fish asked if it would be the responsibility of the regent chairs to write statements covering the hearings.

President Shaw replied that he saw the responsibility of the regent chair as being to comment on the kinds of concerns that were expressed. Staff would be present at the hearings and would be prepared to draft reports as needed for the regent chairs.

Regent Schilling inquired as to how the hearings would be publicized so that community leaders and other interested persons would be advised of them.

In response, Vice President Trani indicated that there would be wide publicity, both by the individual institutions in their service areas and through public notices to be published by the Office of the Secretary of the Board of Regents. To facilitate planning, he hoped the previously made assignments for regent chairs could be retained. Chancellors would contact those regents to establish a hearing date during the week of April 21 to April 28.

Vice President Schilling inquired as to whether there was consensus as to the principles in President Shaw's letter of March 4 regarding the substance of the system and core statements and the procedure to be followed for the remainder of the review. No objections were stated.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

Approval of Concept and Budget Reports for Facility Performance Improvements Projects

Regent Nikolay moved adoption by the board of Resolutions 3991 and 3992, which were unanimously approved by the committee, and the motion was seconded by Regent Jarvis.

Budget and Land - Approval of

Resolution 3991: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report for the 1983-85 Meteorology and Space Science Building Facilities Performance Improvements project, be approved and authority granted to complete final plans and specifications, bid and construct the project at an estimated total project cost of \$1,124,300, from the following 1987-89 General Fund Supported Borrowing funding sources:

R 3991, pp 8-10

xy Space Science Bldg - (Same)

- a) Maintenance Program funds: \$ 104,700
- b) Energy Conservation Program funds: 759,800
- c) Remove Architectural Barriers Program funds: 46,500
- d) Health, Safety and Environment Program funds: 213,300
- Total All Funding Sources: \$1,124,300

UW-Whitewater - Budget and Land - Approval of

Resolution 3992: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report for the Williams Physical Education Center Facilities Performance Improvements project, be approved and authority granted to complete final plans and specifications, bid and construct the project at an estimated total project cost of \$614,300, from the following 1987-89 General Fund Supported Borrowing funding sources:

R 3992, pp 8-10

- a) Energy Conservation Program funds: \$ 305,100
- b) Health, Safety and Environment Program funds: 33,300
- c) Maintenance Program funds: 275,800
- Total: \$614,300

In response to a question by Regent Fish, Vice President Brown explained that these requests represented an approach to the overall maintenance of facilities, which tied in with emphasis on all-agency funding. It was expected that buildings would be viewed in total, with identification of the various kinds of modifications that should take place, including energy conservation, handicapped access and overall maintenance of the building.

Regent Fish asked if that approach meant projects funded by all-agency accounts would not be enumerated in the capital budget.

Replying in the affirmative, Mr. Brown explained that enumeration would be by funding source--maintenance, handicapped access, or energy conservation. Projects applied against those accounts could exceed the \$250,000 limitation.

Regent Fish asked if the Building Commission supported this approach, which was a change from previous practice.

Mr. Brown indicated that the Building Commission favored this change. All-agency accounts were growing and now were funded at a level of about \$60 million.

Put to the vote, Resolutions 3991 and 3992 were then unanimously adopted by the board.

Approval of Major Projects for Maintenance and Energy Conservation

Regent Nikolay reported unanimous committee approval of two major projects, to be funded from the statewide allocations for maintenance and energy conservation. The first was for UW-Superior and involved replacement of a leaking portion of the underground steam distribution system which served seven buildings on the north end of the campus. The second request was for the chiller installation in the UW-Whitewater Andersen Library, to handle the increased load resulting from construction of the Computer Center.

Resolutions 3993 and 3994 were moved by Regent Nikolay, seconded by Regent Clusen and adopted unanimously by the board.

UW-Superior - Budget Load - Approval of

Resolution 3993: That, upon the recommendation of the UW-Superior Chancellor and the President of the University of Wisconsin System, a 1987-89 Steam Service Replacement project, ~~be approved at an estimated total project cost of \$295,700 of 1987-89 General Fund Supported Borrowing - Maintenance Program funds.~~ R 3993, p.10

UW-Whitewater - Budget Load - Approval of

Resolution 3994: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the 1987-89 Andersen Library Chiller Installation project, ~~be approved, at an estimated total project cost of \$353,400 of 1987-89 General Fund Supported Borrowing - Energy Conservation Program funds.~~ R 3994, p.10

UW-Madison: Approval of Concept of Pursuing Lease/Lease with Option to Purchase for Medical Office Space

Regent Nikolay reported on committee consideration of a request for authority to solicit proposals for a lease or lease with option to purchase of approximately 39,000 assignable square feet of space for a tertiary care out-patient building at University Station on University Avenue in Madison or a comparable site in close proximity to the University Hospital. The committee was advised that this space was needed to alleviate space shortages in the Clinical Science Center. The most cost effective alternative that met program needs was to be presented for approval of the board at the April meeting.

Adoption by the board of the following resolution, which was unanimously approved by the committee, was moved by Regent Nikolay and seconded by Regent Flores:

Hospital - Discussed of proposed lease

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval is requested for System Administration and UW-Madison to solicit proposals and negotiate terms of a lease/lease with an option to purchase of approximately 39,000 assignable square feet of space for a tertiary care outpatient building at University Station or a comparable site, *This* space is needed to alleviate space shortages in the Clinical Science Center. The most cost effective alternative that meets program needs will be presented for approval of the Board at the April meeting.

Xref Budget + Land - (same, but add "for Clinical Science Center")

In response to a question by Regent Fish, Regent Nikolay stated his concern that the lease would contain a clause providing for five percent cost escalation each year of a 20-year contract.

Regent Flores, Chair of the Council of Trustees of the UW Hospital and Clinics, noted that the terms of the lease when negotiated would be provided to the Board of Regents for approval and that the lease would include an option to purchase. The negotiations would be conducted by the Department of Administration, in consultation with UW Hospital and Clinics' officials. The most important concern, he commented, was the space shortage at the hospital for outpatient activity, due primarily to changes in health care over the past decade. Discussions with Vice Chancellor Noren and Superintendent Derzon had convinced him that the need was critical and that existing space at the hospital was fully utilized, with shortage of space even for inpatient activity. What was requested at this time was only approval to solicit proposals and negotiate terms of a lease, subject to approval by the board and by the Building Commission. If the option to purchase were contemplated as exercisable in the future, approval by the board and the Building Commission again would be required.

Regent Nicholas commented that a five percent escalator clause for 20 years would be unacceptable. The time period seemed too great a commitment without knowing what changes might occur over the years.

Chancellor Shalala noted that five percent was not a firm number and that the Department of Administration would negotiate as favorable a contract as possible for the university.

Vice President Brown explained that the five percent figure had been discussed in initial talks with the developer of the University Station property. Proposals also would be solicited from others who might be interested and negotiations would be conducted accordingly.

Regent Lyon inquired about how the proposed expansion would affect the UW Hospital and Clinics' competitive position with other medical providers.

Regent Flores replied that, without provision of additional space, the university's competitive posture would be adversely affected, inasmuch as patients were being lost because of the lengthy waiting periods for appointments at some clinics. It also was necessary to be able to compete with other regional medical centers, including the Mayo Clinic, which was expanding its facilities greatly.

Dr. Noren added that, as specialty care facilities, the clinics were in competition with the University of Michigan, the University of Minnesota, the Mayo Clinic and other regional clinics, as well as with other local providers. At the present time, the Ophthalmology Clinic was unable to meet patient demand, with waiting periods of one to two-and-a-half months for appointments. In a new facility, it was estimated that ophthalmology visits on an annual basis would increase about 50 percent--from 20,000 to 35,000-40,000. The Ophthalmology Department was one of the top research departments of its kind in the country, but lack of ability to see patients made faculty retention and recruitment difficult. The Rheumatology Clinic, which also would be housed in the new facility, had a 38-day waiting period. The Diabetes Center also had difficulty in meeting patient demand due to lack of space.

Noting that the lease costs would be paid by program revenue, Regent Flores asked if it would be possible to cover those costs and still be competitive in terms of pricing.

Dr. Noren replied that it would be essential to remain competitive in order to attract the number of patients needed to fulfill teaching, research and service responsibilities.

Regent Fish pointed out that location of the facility had not been determined, that the developer was not yet identified and that the terms of the lease were unknown. Observing that negotiations could be conducted without action by the board, he expressed concern that adoption of the resolution would indicate approval of a lease which the board had not seen. While he might well support the project when the specifics were presented, he saw no need for the resolution before the board and therefore intended to vote against it.

Vice Chancellor Noren indicated that the Department of Administration required advertising of the project, after which the department would negotiate formal terms with the appropriate firm. It was known that at least one developer had land which met the university's specifications. Noting that plans for the space had been developed over a 15-month period, he explained that the project was being brought to the board at this time, rather than in April, because of its size and complexity and because it was considered advisable to inform the regents about the project in advance of requesting approval of the terms.

Chancellor Shalala added that the plan had been to request concurrence at this time with the need for the project and with the proposal to lease space. After that, the lease would be negotiated and specific terms would be brought to the board. This process was recommended by Vice President Brown as a means of presenting complex projects.

Regent Fish disagreed with that procedure on the basis that the board should not approve a project without first being informed of the specifics. To adopt a resolution at this time would build into the process regent approval of a project for which the cost, location and other important information were not known.

Although regent approval was not needed in order to solicit proposals from developers, Vice President Brown indicated that failure to pass a resolution like the one before the board would indicate lack of support for the project. Because this was a complicated issue, the intent was to advise the board in advance of what was being proposed, so that there would be an opportunity for the regents to react to it prior to negotiation of terms.

Regent Fish felt the matter should have been brought to the board for information rather than for action.

Regent Schilling asked if the Physical Planning and Development Committee had been informed about the reasons for proposing a lease rather than construction of a facility, and Chancellor Shalala replied in the affirmative.

Regent Flores suggested that the resolution might be amended by adding the words, "subject to final approval by the Board of Regents" after the words "and negotiate terms." While he agreed that the project could have been presented for information only at this meeting, he saw no problem with approving the resolution before the board and thought solicitation of proposals should be allowed to proceed. It was important for the regents to be informed now about the project, he emphasized, adding that it had been helpful to hear about regent concerns regarding a possible escalator clause and other aspects of the plan.

Regent Clusen agreed with Vice President Brown that to defeat the resolution would imply a negative view of the project. She suggested instead that the resolution might be tabled.

Regent Fish requested unanimous consent to change the agenda item from a resolution to an informational item.

Regent Nicholas asked if to do so would detract from the ability to solicit proposals, and Chancellor Shalala replied in the negative.

There being no objection to Regent Fish's request, the agenda item was changed to an item for information only.

Regent Nikolay then moved that the resolution be tabled. The motion was seconded by Regent Doughty Luckhardt and unanimously carried.

President Shaw indicated that a protocol was needed to give the board information about these kinds of major issues early enough so that there were not unanswered questions when the time came to make a decision.

Regent Schilling added that incremental approval of projects should be avoided.

Regent Nikolay commented that the regents should be kept apprised of long-range plans so that it could be seen how individual projects related to future directions.

Approval of Minor Projects

Resolution 3995, which was unanimously approved by the Physical Planning and Development Committee, was moved by Regent Nikolay, seconded by Regent Nicholas and adopted unanimously by the board.

Resolution 3995: That, upon the recommendation of the Chancellors and President of the University of Wisconsin System, the following minor projects be approved, at the budgets and from the funding sources indicated. The funding sources are summarized as follow:

Program Revenues	\$ 558,150
Energy Conservation Program	133,250
Minor Project Funds	185,000
Gift and Grant Funds	125,000
Health, Safety and Environment Funds	1,618,000
1988 LAWCON Funds	27,500
City of Eau Claire Funds	<u>13,750</u>
Total	\$2,660,650

✓ UW-Eau Claire - Bldg + Land - Approval

→ Athletic/Recreation Field Development - Lighting project, ~~\$55,000 (1988 LAWCON funds, \$27,500; City of Eau Claire funds, \$13,750; Program Revenues, \$13,750)~~ → R 3995, pp 14-15

✓ UW-Green Bay - Bldg + Land - Approval

→ Green Parking Lot Resurfacing project, ~~\$90,400~~, and Program Revenues

✓ Green Parking Area
Approval via Green Bay
Green parking lot
resurfacing, R 3995
pp 14-15

→ Energy Management System Replacement project, ~~\$133,250, General Fund Supported Borrowing - Energy Conservation Program~~ → R 3995, pp 14-15

✓ UW-Madison - Bldg + Land - Approval

→ Elizabeth Waters Elevator Replacement project, ~~\$120,000, Program Revenues~~

→ Eagle Heights 900 Group Apartments Roof Shingling Replacement project, ~~\$245,000, Program Revenues~~ and

→ Engineering Building Applied Superconductor, ~~\$125,000, Gift and Grant Funds~~ R 3995, pp 14-15

✓ Housing - Approval
✓ Roof Problems - Approval

R 3995, pp 14-15

R 3995, pp 14-15

UW-Milwaukee - Budget/Lease - Approved

-- EMS Building Remodeling/Renovations project, R 3995, pp 14-15
~~\$185,000, General Fund Supported Borrowing - Minor Project funds~~

Parking Areas - Approved

UW-Stevens Point - Budget/Lease - Approved

-- North Campus S/J Parking Lot, ~~\$89,000~~, Program Revenue funds and

Hazardous waste - Approved

-- College of Natural Resources Basement Asbestos Insulation Removal project, ~~\$210,000, 1987-89~~ R 3995, pp 14-15
General Fund Supported Borrowing - Health, Safety and Environment Program funds

Hazardous waste - Approved

UW System

-- Hazardous Waste Storage Facilities, ~~\$1,408,000, 1987-89 Health, Safety and Environment Allocation~~ R 3995, pp 14-15
(~~twelve facilities at eleven universities~~)

Report of the Vice President

Budget/Lease - Receipt of \$2 million in gift funds for Engineering facility planning, p. 15
UW-Madison Engineering Facility

The committee received a report related to bid openings and to receipt by the UW-Madison College of Engineering of \$2 million in gift funds which were required before advance planning for the new facility could be requested. The early stages of the architectural selection process had been initiated by the Division of State Facilities Management, at the request of Vice President Brown.

Budget/Lease - Proposal to add \$1 million to allow for shell addition to
Addition to Synchrotron Radiation Center

The committee also was advised that, at the recommendation of UW System staff, Governor Thompson had initiated a proposal to amend the budget presently before the Joint Finance Committee to add \$1 million of self-amortizing bonding authority to the building program to allow construction of a shell addition to the Synchrotron Radiation Center at Stoughton. There was approximately \$25 million of federal funding available for research and development in the field of X-ray lithography which could be conducted at a facility such as this, the only other comparable facility in the country being located at Brookhaven, New York. These funds could not be used for construction but could be used for leases and equipment. It was felt that with the shell building, UW-Madison could be successful in attracting businesses to lease the space at the Synchrotron facilities and that bonds could be paid from lease payments. This program was considered very beneficial for the university and the state in the highly competitive electronics industry. Contacts had been made with legislators to request the amendment to the budget bill.

p. 15

UW-Whitewater - Budget Fund

Criteria for Convocation Centers, p. 16

Xref UW - Green Bay - Budget Fund - (same)

Vice President Brown also informed the committee of an agenda item expected to be presented at the April meeting. President Shaw had requested early development of criteria to advise the UW-Green Bay and UW-Whitewater chancellors of the percentage of GPR support which would be recommended for their respective convocation centers. While this would aid them in knowing the amount of non-GPR funds which would have to be raised, each chancellor had been advised that the ranking of their requests within the system's priority list would not be determined until all university requests were received.

UW-Madison: Approval of Budget Increase for Major Project

Budget Fund - Budget increase for

Regent Nikolay reported unanimous committee approval of a request to increase by \$280,000 the previously approved \$1,625,000 budget for the UW-Madison Hydraulics Building remodeling - Phase IV project. ~~The bids~~ received on March 2 exceeded the approved budget, and after review of the bids by university, system and Division of State Facilities Management staff, it was agreed that efforts should be made to secure approval of a budget increase which would allow acceptance of the base bid as well as the bids for five alternates important to the program.

R3996, p. 16

Resolution 3996 was adopted unanimously by the board, upon motion by Regent Nikolay, seconded by Regent Jarvis.

Resolution 3996: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to increase the budget of the 1985-87 Hydraulics Building Remodeling - Phase IV project, previously authorized at \$1,625,000, in the amount of \$280,000, to accept bids for all work, including that bid as Alternates A, B, C, D and E, and to construct the project at a revised total project cost of \$1,905,000. Funding for this project is from the following sources:

- a) 1985-87 General Fund Supported
Borrowing funds: \$1,540,000
- b) 1985-87 General Fund Supported Borrowing:
Removal of Architectural Barriers: 75,000
- c) 1985-87 General Fund Supported Borrowing:
Health, Safety & Environment Program: 10,000
- d) UW System Residual Bonding Authority funds: 280,000
- Total: \$1,905,000

REPORT OF THE EDUCATION COMMITTEE

The committee's report was presented by Chairman Grover.

Report of the Vice President

Awards - American Cancer Society Medal of Honor Award to

Vice President Trani reported to the committee that ^{V.D.} Paul Carbone, M.D., p.17 Professor of Human Oncology and Medicine, UW-Madison, and Director of the UW Clinical Cancer Center, had been presented with the American Cancer Society's Medal of Honor--its highest award--in recognition of his 25 years of research in the care of cancer patients.

Prof. Carbone, Dr. Paul - (same)

Transfers, Course - Course Transfer Matrix development begins, p.17

Staff for the project to develop and maintain a computerized course equivalency and degree requirement matrix had been appointed and began work this week in System Administration. The matrix was one of the recommendations of the Regents' Plan for the Future

Business/Industry - See Economic Development for subsequent items

Research on Economic Development

In response to a UW System initiative, the Legislature last year approved a special appropriation for \$200,000 to be spent for research that would enhance the state's economic development. Eight projects were funded during the current year, and ten would receive funding in 1988-89.

Economic Development - the funding for 8 projects, p.17

Academic Programs - Review of Programs Requiring Special Attention, p.17

At the February meeting, the regents received a three-year review schedule for programs requiring special attention. Since that time, UW-Madison had asked permission to expedite the process in order to review as many programs as possible during the remainder of the 1987-88 academic year. All 1987-88 reviews of programs requiring special attention would be summarized for the Board of Regents and reported annually in October.

Announcement of Undergraduate Teaching Improvement Grants for 1988-89, p.17

The committee received a report on 1988-89 awards for the Undergraduate Teaching Improvement Grant program, which had been in existence since 1971. Each year, approximately \$150,000 was awarded for proposals which supported innovation in the undergraduate classroom. For 1988-89, 20 proposals had been selected.

Undergraduate Teaching Improvement - (same)

UW-Superior - Authorization for new program

Authorization to Implement New Program: M.S.E. in Special Education, UW-Superior (second reading)

R 3997, pp 17-18

Adoption by the board of Resolution 3997, which was unanimously approved by the committee, was moved by Regent Grover and seconded by Regent Hassett.

Resolution 3997: That, upon the recommendation of the Chancellor of the University of Wisconsin-Superior and the President of the University of Wisconsin System, the Chancellor be authorized to implement the Master of Science in Education in Special Education.

Regent Nikolay inquired as to whether additional faculty or resources would be required for the program.

Regent Grover replied in the negative, and Chancellor MacTaggart added that additional staff would not be required since the new program built on an existing certificate program.

Put to the vote, Resolution 3997 was adopted unanimously.

UW-Stevens Point - Authorization for new program

Authorization to Implement New Program: B.A. in Art, UW Stevens Point, R 3998, p.18
(second reading)

Upon motion by Regent Grover, seconded by Regent Hassett, Resolution 3998, which was unanimously approved by the committee, was adopted unanimously by the board.

Resolution 3998: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the Chancellor be authorized to implement the Bachelor of Arts in Art.

UW-Stevens Point - Authorization for new program

Authorization to Implement New Program: B.A. in Arts Management, R 3999, p.18
UW-Stevens Point (second reading)

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

Resolution 3999: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the Chancellor be authorized to implement the Bachelor of Arts in Arts Management.

Regent Doughty Luckhardt asked if it was correct to assume that the UW-Stevens Point programs, like the UW-Superior program, would not require additional funds, and Regent Grover replied in the affirmative.

Put to the vote, Resolution 3999 was adopted unanimously.

UW-Stevens Point - Authorization for new program?

Authorization to Implement New Program: B.A. In Music, UW-Stevens Point
(second reading)

R 4000, p. 19

Upon motion by Regent Grover, seconded by Regent Hanson, Resolution 4000, which had been unanimously approved by the committee, was adopted unanimously by the board.

Resolution 4000: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the Chancellor be authorized to implement the Bachelor of Arts in Music.

UW-Stevens Point - Authorization for new program!

Authorization to Implement New Program: B.F.A. in Theater Arts, UW-Stevens Point
(second reading)

R 4001, p. 19

Reporting unanimous committee approval of Resolution 4001, Regent Grover moved its adoption by the board. The motion was seconded by Regent Hanson and carried unanimously.

Resolution 4001: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the Chancellor be authorized to implement the Bachelor of Fine Arts in Theater Arts.

UW-Stevens Point - Staff

Appreciation to Dean Paul Palombo *for development of new academic programs, p. 19*

The committee asked that Vice President Trani send a letter, on behalf of the Education Committee and the Board of Regents, to Dean Paul M. Palombo, College of Fine Arts and Communication, UW-Stevens Point, expressing appreciation for his successful efforts in developing these new programs.

UW-Stevens Point - Staff

Authorization to Recruit: Chancellor, UW-Stevens Point *R 4002, pp 19-20*

It was moved by Regent Grover and seconded by Regent Hasset that the following resolution, which was unanimously approved by the committee, be adopted by the board:

Auth'zation to Recruit - (same, but add "at UW-Stevens Pt")

Resolution 4002: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents approves the Request for Authorization to Recruit for a Chancellor at the University of Wisconsin-Stevens Point.

7 of Chancellors - (same as above)

~~[Secretary's note: The Regent Selection Committee for that position was appointed as follows: Regents Flores (Chair), Davis, Grover, Lyon, Nikolay, Weinstein (ex officio) and Schilling (ex officio).]~~

Regent, Committee - Selection Committee for Chancellor, UW-Stevens Point - Appointment of committee

Regent Doughty Luckhardt observed that there were no women on the committee.

Regent Flores indicated that he had raised that issue in speaking with President Shaw about the composition of the committee. It was noted that the Regent Selection Committee for UW-Stout Chancellor was being chaired by a woman and that there were few women on the board.

Regent Schilling added that regent policy limited the number of selection committee members to five plus the ex officio members.

Regent Clusen commented that the Board of Regents should be conscious of the need to set a good example in the area of affirmative action.

Put to the vote, Resolution 4002 was unanimously adopted by the board.

✓ Authorization to Recruit -

Authorization to Recruit: Dean, College of Arts and Sciences, UW-River Falls, R 4003, p. 20

Resolution 4003, which was unanimously approved by the committee, was moved by Regent Grover, seconded by Regent Hanson and adopted unanimously by the board.

✓ ref UW-River Falls - Staff - (same, but drop "UW-River Falls")

Resolution 4003: That, upon the recommendation of the Chancellor of the University of Wisconsin-River Falls and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean, College of Arts and Sciences, be approved.

✓ Authorization to Recruit -

Authorization to Recruit: Professor, Accounting and Information Systems, School of Business, UW-Madison R 4004, p. 20

Reporting unanimous committee approval of the following resolution, Regent Grover moved its adoption by the board and the motion was seconded by Regent Nicholas.

Resolution 4004: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Professor, Accounting and Information Systems, School of Business, UW-Madison, be approved.

In response to a question by Regent Doughty Luckhardt, Vice President Trani indicated that UW-Madison had money in its budget to fund this position.

Put to the vote, Resolution 4004 was adopted unanimously.

Authorization to Recruit

Authorization to Recruit: Professor, Finance, Investments and Bank Group, School of Business, UW-Madison R 4005, p. 21

Adoption by the board of the following resolution, which was unanimously approved by the committee, was moved by Regent Grover and seconded by Regent Nicholas:

Resolution 4005: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Professor, Finance, Investments and Bank Group, School of Business, UW-Madison, be approved.

Regent Fish stated that he supported the resolution but noted that the new professor would be hired at a salary considerably higher than that of the person being replaced. He inquired as to the reason this was being done and its effect on the salary structure of the department.

Regent Hassett indicated that the committee was advised that the requested salary level was deemed necessary to compete for the best candidates.

Vice Chancellor Cohen added that it generally cost more to recruit new faculty than to pay the persons being replaced.

Chancellor Shalala explained that departmental executive committees were careful not to disrupt the salary balance within the department in setting pay levels. Increases provided in the compensation plan were distributed on the basis of merit, rather than across the board, which enabled necessary adjustments to be made.

In reply to a further question by Regent Fish, Dr. Cohen indicated that the two percent figure going to the department for this position would be calculated on the salary of the incumbent as of last October's payroll.

Regent Nicholas asked if the proposed salary took into account the significant change which had taken place in the field of business since the October 1987 stock market crash.

Replying in the affirmative, Chancellor Shalala offered assurance that, with limited resources, the department would make the best deal it could with the person to be hired, using knowledge of current market forces.

Regent Nicholas commented that highly qualified business faculty were needed and that he supported the resolution as a means toward that end.

Put to the vote, Resolution 4005 was unanimously adopted by the board.

Academic Programs

Five-Year Review: M.S. in Nursing, UW-Eau Claire, R 4006, pp 21-22

Reporting unanimous committee approval of Resolution 4006, Regent Grover moved its adoption by the board and the motion was seconded by Regent Hassett.

ref UW-Eau Claire - (same, but drop "UW-Eau Claire")

Resolution 4006: That, upon the recommendation of the Chancellor of the University of Wisconsin-Eau Claire and the President of the University of Wisconsin System, the Master of Science in Nursing, with a specialization in Adult Health Nursing, offered by the UW-Eau Claire, be continued, with the understanding that it will be included within that institution's normal program evaluation process.

In response to a question by Regent Nikolay, Regent Hanson confirmed that the program was in accord with the UW-Eau Claire mission statement.

Put to the vote, Resolution 4006 was adopted unanimously.

Regmt - Policies - first reading for

→ Revision of Regent Resolution #325 (Regent Policy #72-18: Community Membership on Chancellor Search and Screen Committees) (First Reading) p. 22

Regent Grover reported committee review of the proposed revisions to the policy, most of which were described as minor changes. Section 3(e), however, provided the option to add a community member to search and screen committees if the president so decided. The proposal was to be returned to the committee at a future date for action.

*✓ Xref Chancellors - (same)
✓ Administrative Code -*

→ Approval of Institutional Policies on Campaigning in Residence Halls, pursuant to UWS 18.06(16m), R 4007, pp 22-23

Adoption by the board of the following resolution, which was unanimously approved by the committee, was moved by Regent Grover and seconded by Regent Flores:

Resolution 4007: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents approves the implementation policies under s. UWS 18.06(16m), Wisconsin Administrative Code, of the following UW System institutions (Exhibits 1-12 on file with the papers of this meeting):
UW-Eau Claire; UW-Green Bay; UW-LaCrosse;
UW-Milwaukee; UW-Oshkosh; UW-Parkside;
UW-Platteville; UW-River Falls; UW-Stevens Point;
UW-Stout; UW-Superior; UW-Whitewater.

Regent Flores noted that committee discussion highlighted the fact that policies varied considerably among institutions. Having reviewed them further, he was satisfied that they were reasonable and had been developed with substantial student participation. Therefore, he felt that the policies should be approved.

Regent Schilling added that, in committee discussion, System Counsel Hodulik had been asked if she had reviewed the policies from a constitutional perspective. She indicated that she had and would recommend their approval.

Regent Fish said he was in favor of open campaigning in the dormitories, restrained only by the right of privacy of the students. Where campaigning was to be limited to the lobby of the dormitory, he inquired as to how the restriction would affect students who wished to put campaign signs in the windows of their rooms.

It was Attorney Hodulik's opinion that this type of activity would not be considered campaigning within the context of the administrative rule.

Regent Schilling noted that the institutional rules were diverse because they were developed by the students on the various campuses. The board was required by the administrative code to approve the institutional rules rather than simply to accept them.

Expressing agreement with Regent Fish's support for open campaigning, Regent Nikolay stated that he intended to vote against the resolution on the basis of his belief that this was not a matter which should come before the board.

Put to the vote, Resolution 4007 was adopted, with Regent Nikolay voting "No."

UW-Green Bay - Bd of Visitors

→ Authorization to Increase Membership of the UW-Green Bay Board of Visitors, R 4008, p. 23

Reporting unanimous committee approval of Resolution 4008, Regent Grover moved its adoption by the board. The motion was seconded by Regent Lyon and carried unanimously.

Resolution 4008: That, upon the recommendation of the Chancellor of the University of Wisconsin-Green Bay and the President of the University of Wisconsin System, the request of the Chancellor for permission to increase the membership of the Board of Visitors, University of Wisconsin-Green Bay, from fifteen to eighteen, pursuant to Regent Policy Document #78-6 (amended), be approved.

Named Professorships - UW-Stout

Regent Grover moved adoption by the board of the following resolution which had been approved by the committee in closed session. The motion was seconded by Regent Jarvis and voted unanimously.

Resolution 4009: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the status of:

UW-Stout - named professorships for

→ Judy Herr, be changed from Professor, Department of Human Development, Family Living and Community Educational Services, to Dahlgren Professor in Human Development, Family Living and Community Educational Services, Department of Human Development, Family Living and Community Educational Services, University of Wisconsin-Stout, effective immediately;

→ Jack B. Sampson, be changed from Professor, Department of Energy and Transportation, to Dahlgren Professor in Energy and Transportation, Department of Energy and Transportation, University of Wisconsin-Stout, effective immediately;

→ Thomas Ninneman, be changed from Professor, Department of Social Science, to Dahlgren Professor in Social Science, Department of Social Science, University of Wisconsin-Stout, effective immediately;

→ Carol Hogstad, be changed from Associate Professor, Department of Education, to Dahlgren Associate Professor in Education, Department of Education, University of Wisconsin-Stout, effective immediately;

→ Neal Prichard, be changed from Professor, Department of Industrial and Marketing Education, to George A. Hormel Professor in Industrial and Marketing Education, Department of Industrial and Marketing Education, University of Wisconsin-Stout, effective immediately;

→ James A. McCormick, be changed from Professor, Department of Art, to George A. Hormel Professor in Art, Department of Art, University of Wisconsin-Stout, effective immediately;

→ Charles E. Yost ^{and} be changed from Professor, Department of Industrial Management, to Horton Manufacturing Professor in Industrial Management, Department of Industrial Management, University of Wisconsin-Stout, effective immediately;

→ Leland L. Nicholas, be changed from Professor, Department of Habitational Resources, to Helen C. Barnette Professor in Habitational Resources, Department of Habitational Resources, University of Wisconsin-Stout, effective immediately.

→ R 4009, pp 23-24

Xref Professorships - (same, but add "at UW-Stout")

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Lyon presented the committee's report.

At a joint meeting of the Business and Finance Committee and the Education Committee, with other regents invited to participate, action was taken on decision rules for distribution of new faculty positions, a report to the Legislative Joint Finance Committee and enrollment targets for 1988-89.

Faculty Approval of Decision Rules for Distribution of 1988-89 New Faculty Positions and Report to Joint Finance Committee, R 4010 & 4011, pp 25-26

At the joint meeting, President Shaw presented a series of reports to be submitted to the Joint Committee on Finance to support the UW System's request to release the new positions and funding for the second year of the biennium. In the last biennial budget, 341 new positions were added to the UW System, 20 of which were to be used for financial aid counselors, and seven to be used for teacher education programs. In 1987-88, 100.5 instructional positions and seven teacher preparation positions were released, with the 1988-89 allocation to total 240.5 positions, of which 215.5 would be released on July 1, 1988, and the remaining 25 on January 1, 1989.

ref Budget - (same)
Summarizing the impact of new positions on the ability to improve educational quality, the president noted that a commitment was made to the Legislature to generate a minimum of 2.5 sections per full-time equivalent position. In actuality, more than three sections per faculty position were added. About 10,000 new class spaces also were created. The departments that received the most positions were teacher education, business, communications, English and mathematics/statistics. The UW System was successful in recruiting additional minority staff, with twenty-two FTE positions filled by minority hires, 14 of which were from historically underrepresented ethnic groups.

ref / Fees - (same)
The plan for allocation of the 1988-89 positions then was reviewed. Three factors to be considered were: (1) the Composite Support Index (CSI) adjusted for 1990-91 enrollment management targets; (2) teacher preparation needs based on workload; and (3) special management considerations. The 25 positions to be released January 1, 1989, would be allocated after assessment of actual enrollments for next fall and results of minority faculty recruitment.

ref / Legislation - (same)
Reviewing the report on faculty workload, President Shaw indicated that comparison of teaching loads based on student credit hours, weekly contact hours, and other common indicators showed that UW System institutions had workloads heavier than in peer groups. The average faculty work week was 58.8 hours.

Also included was a report on the legislatively mandated plan for the efficient use of instructional academic staff.

Turning to another section of the report, the president pointed out that add/drop policies had been or were being reviewed at all institutions. Substantial changes were made at some, including shortening of the drop period, placing drops on student transcripts, and using automatic or administrative drops for students who missed initial classes. Options being considered included limiting credits in initial registration, imposing a transaction fee for add/drops, and imposing minimum standards on credit completion. While recognizing the need for more regulation to protect access, regents cautioned against making add/drop policy too rigid.

Also included in the report was an update on the ongoing study of the feasibility of implementing a per-credit tuition structure. Consideration was being given to a straight per-credit fee model and a revised plateau for the definition of full load, as well as other options. It was indicated that the administrative burden of a per-credit structure would be substantial. The full report would be presented to the board, after which it would be submitted to the Joint Finance Committee.

Subsequent to the president's summary of the reports, the committees unanimously approved Resolution 4010.

Adoption by the board of Resolution 4010 was moved by Regent Lyon, seconded by Regent Nikolay and unanimously carried.

Resolution 4010: That the Board of Regents approve the Decision Rules included in the Plan for Allocating the New Instructional Positions in 1988-89, item I.2.a.(1). These rules will form the basis for actual allocations, which will be finalized in the 1988-89 annual internal operating budget but are included in the attached plans for informational purposes.

Reporting unanimous approval by the committees of Resolution 4011, Regent Lyon moved its adoption by the board. The motion was seconded by Regent Fish and voted unanimously.

Resolution 4011: That the Report on Use of 1987-88 Instructional Positions, including the Report of the Use of the New Faculty Positions and Plan for Allocating the New Positions in 1988-89; the Report on Faculty Workload in the University of Wisconsin System; the Plan for the Efficient Use of Instructional Academic Staff; the Report on Add/Drop Procedures; and the Update on Per Credit Tuition Study be received and approved for transmittal by the Board of Regents to the Joint Committee on Finance as directed by 1987 Wisconsin Act 27, Section 3054 (2b) and (3b).

Enrollment

Approval of 1988-89 Enrollment Targets, R4012, pp 26-27, YEX A

Regent Lyon summarized a review by the committees of 1988-89 enrollment targets, which included minor changes to targets previously set for 1988-89 in the Regents' Plan for the Future of the the UW System. These adjustments

were being made to more accurately reflect the experience of the past fall and to allow for smoother movement toward the 1990-91 targets. Enrollment targets for two institutions had been reduced, while targets were raised at UW-Whitewater and the UW-Centers to adjust for problems of the previous fall and to allow a smoother transition to the 1990-91 goals. Additional funding would not be provided for those increased enrollments. Other institutional targets remained the same.

Regent Nikolay expressed concern about the impact of enrollment limits on minority students. President Shaw indicated that students most affected by enrollment management would be those who were not well prepared for higher education.

With Regent Nikolay dissenting, the committees approved Resolution 4012.

Upon motion by Regent Lyon, seconded by Regent Jarvis, Resolution 4012 was adopted by the board, with Regent Nikolay voting "No."

Resolution 4012: That, on the recommendation of the President of the UW System, the Board of Regents approve the Enrollment Management Targets for 1988-89, item I.2.a.(2), as targets for each institution and that these targets serve as the basis for establishing student tuition and fee levels.

(The 1988-89 enrollment targets are attached as EXHIBIT A.)

After conclusion of the joint meeting with the Education Committee, the Business and Finance Committee reconvened to complete its agenda.

Approval of Gifts, Grants and Contracts

Acting Vice President Marnocha reported to the committee that gifts, grants and contracts for the eight-month period ending February 19, 1988, totaled \$233.3 million--\$14.2 million more than the same period last year. The federal share increased \$3.8 million, which included increases of \$2.6 million in instruction and \$2.1 million in student aid, partially offset by decreases in extension of \$.8 million and research of \$.5 million. The non-federal share increased \$10.3 million, or about 20 percent over a year ago. A significant portion of the increase was support from the UW Foundation for UW-Madison.

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

Resolution 4013: 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 -

Request of Lillian R. Gay, R 4014, p. 28

Resolution 4014, which was unanimously approved by the committee, was moved by Regent Lyon, seconded by Regent Nicholas and adopted unanimously by the board.

X ref Gay, Lillian R. - (same)

Resolution 4014: That, the bequest of the late Lillian R. Gay, Santa Rosa, California be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-La Crosse.

(Paragraph N of the Will provides \$350,000 "to be held and administered as the Charles and Lillian Gay Endowment Fund [Fund]. The Institution may, for investment purposes, merge assets of the Fund with any of its investment assets. The Institution shall use Fund income, but shall not use Fund principal or appreciation on principal, to provide a scholarship for one or more students. The amount of the scholarship and the number of students shall be at the discretion of the Institution's Scholarship Governing Board.")

(Charles Gay received a two year diploma from Wisconsin State Teachers College-La Crosse in 1920.)

Financial Aid -

Report to the Joint Finance Committee on Lawton Undergraduate Minority Retention Grants, R 4015, pp 28-29

Regent Lyon reported unanimous approval by the committee of the UW System's report to the Joint Committee on Finance on the Lawton Undergraduate Minority Retention Grant Program. Wisconsin Statutes required an annual evaluation to be provided by March 1 of each year to the Joint Committee on Finance.

X ref Legislation - (same)

The intent of the program was to improve retention and to reduce student borrowing. While it was too early to tell whether the program had been successful in that regard, the overall feeling was that results were positive. These need-based grants were to be provided after all other forms of grant aid had been exhausted. Recipients must be enrolled for a minimum of six credits and must be in good academic standing. While sophomores currently were being targeted as recipients, the intent was to expand the program to juniors and seniors as funds increased. Freshmen were not eligible for the program.

About \$1.4 million in Lawton Grants were awarded in 1986-87, representing about 982 individual grants. The average award totaled approximately \$1,400 per student. Of the Black, Hispanic and American Indian students receiving financial aid, approximately 27 percent received a Lawton Grant, which amounted to about 30 percent of their total financial aid package.

Upon motion by Regent Lyon, seconded by Regent Nicholas, Resolution 4015 was adopted unanimously by the board.

Resolution 4015: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the report of the 1986-87 Ben R. Lawton Undergraduate Minority Retention Grant program activity for transmittal to the Joint Committee on Finance as directed by s. 36.34(1)(b), Wis. Stats.

Scotland

Creation of Wisconsin Scotland Trust, R4016, pp 29-30

At the committee meeting, Legal Counsel Stathas described the Scotland program, which was being administered by UW-River Falls on behalf of the West Central Wisconsin Consortium. By assigning the Scotland program to the "Wisconsin Scotland Trust," a qualified United Kingdom charitable trust, it would qualify for a 50 percent reduction in property taxes. It was estimated the tax savings would be about 20,000 pounds per year. The lease cost was fixed at 48,500 pounds for five years but the landlord could choose not to renew due to financial hardship. Without the reduction, the program might have to be closed in May 1989. Now in its second year, the program had approximately 80 students participating each semester.

Xref UW-River Falls - (same)
Resolution 4016 was moved by Regent Lyon, seconded by Regent Jarvis, and adopted unanimously by the board.

Resolution 4016: That, upon the recommendation of the West Central Wisconsin Consortium and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board of Regents are authorized to sign a Deed of Trust constituting the "Wisconsin Scotland Trust," a separate United Kingdom Charitable Trust, for the purpose of promoting, establishing, and supporting within Scotland a place of learning for students of The University of Wisconsin System. The initial trustees shall be:

1. The person holding the position of Resident Director, Dalkeith House, Scotland.
2. The person holding the position of Chairperson, Board of Trustee, West Central Wisconsin Consortium.
3. Attorney David Houldsworth, of Edinburgh, Scotland.

The operation of the existing program in Scotland will be assigned to the "Wisconsin Scotland Trust" which will be a qualified United Kingdom Charitable Trust enjoying a preferred operating status for which our current program does not qualify.

Faculty -

Amendment to 1981 Regent Resolution on UW-Madison Faculty Retention Fund R4017,

pp 30-31

Regent Lyon reported unanimous committee approval of Chancellor Shalala's request to expand the allowable use of the UW-Madison Faculty Retention Fund. In accordance with a resolution adopted in 1981, the income could be used to promote faculty retention through one-time compensation adjustments for existing faculty. The request was for authority to use this fund not only for faculty retention but also for recruitment of new faculty. Funds would be used to support first-year salaries of new faculty or visiting faculty or for one-time start-up grants for faculty research projects. UW-Madison had found the funds to be useful in retaining faculty and felt needs of faculty recruitment could be met through the expanded use of the funds. Only the income, currently around \$100,000, would be expendable; the principal of \$340,000 would remain intact.

ref Compensation - (see)

It was moved by Regent Lyon and seconded by Regent Jarvis that the following resolution be adopted by the board:

Resolution 4017: That, upon the recommendation of the President of the University of Wisconsin System, the resolution which established the UW-Madison Faculty Retention Fund be amended to allow expenditures of the Fund to be used for the purpose of recruiting "for potential faculty members, including visiting faculty, for whom it is clear that the campus administration must act if the person is to be recruited", and that the title of the Fund be changed to the UW-Madison Faculty Retention and Recruitment Fund.

In response to a question by Regent Hanson, Chancellor Shalala explained that the request would provide flexibility for use in recruiting when a start-up package was needed, but that the major use would continue to be for retention. It was hoped that the fund would be particularly helpful in recruiting minority and women faculty. Monies from the fund used for new faculty salaries would be worked into the budget on a transition basis. The fund also could be used to purchase equipment needed by new faculty members.

Regent Nikolay questioned use of the fund for equipment purchases.

As an example of how the fund could be used, Chancellor Shalala explained that, in recruiting a new faculty member in engineering, a package might include not simply the salary, but also equipment and laboratory space. Money from the fund could pay for part of that package.

Regent Fish pointed out that, in addition to \$100,000 of accrued interest, there would be a maximum of \$30,000-\$35,000 annually which could be expended.

Put to the vote, Resolution 4016 was unanimously adopted by the board.

Municipal Services

Recommended Methodology for Assessment of Municipal Services Charges, R 4018,

The committee heard a report on the recommendations of the working group appointed by President Shaw in response to the June 4, 1987, Board of Regents' resolution to develop a recommended distribution of municipal services chargebacks for 1988-89. The working group was asked to address the following four questions:

pp 31-33

1. What allocation guidelines should be used in distributing the total UW System bill for municipal service charges among institutions?
2. How should federal research grants be treated in determining institutional liability?
3. How should the UW Hospital be treated in determining an equitable distribution of this bill?
4. Once institutional shares of the total bill are determined, should each institution determine for itself how to pay its assigned amount or should there be systemwide guidelines? If the latter, what guidelines should be developed?

Xref Auxiliaries - (same)

After reviewing the recommendations of the working group, which were endorsed by President Shaw, the committee unanimously approved Resolution 4018.

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

Resolution 4018: That, upon the recommendation of the President of the University of Wisconsin System the following guidelines be adopted as the methodology for assessment of municipal services charges:

- 1) a fair cost for providing fire and police protection service at the UW Hospital and Clinics be determined and the annual assessment be equal to that amount.
- 2) remaining State charges be distributed to the other program revenue and federally funded programs, except for academic fees, in a two step approach:

- a) prorate the assessment by involved funds on the basis of the percent each individual fund is of the total of all funds.
 - b) except for the amount assessed to auxiliaries, prorate the fund assessment to the institutions on the basis of their percent of fund total. Distribute the assessment to auxiliary operations on a flat per student basis.
- 3) the institutions have maximum flexibility to determine how to pay for charges assigned to auxiliary operations. The Chancellor should seek the advice and counsel of the appropriate student body before making a final recommendation.
 - 4) by May 1, 1988 each institution submit its plan for the payment of the assessed charges to System Administration for approval.
 - 5) in the absence of an approved plan for auxiliaries each student of the institution be charged an across-the-board fee in an amount sufficient to pay the assessment. Said fee should be paid for each academic term including summer session and may be prorated for interim sessions of less than four weeks.

Regent Flores asked who would decide the fair cost of providing fire and police protection for the UW Hospital. In response, Acting Vice President Marnocha said System Administration would work with UW-Madison to determine that figure.

In response to a question by Regent Hanson, Regent Lyon explained that this year's charge for municipal services had not been determined but was expected to total \$3.5-\$4 million. About one third would come from auxiliaries, with the remainder charged to federal grants/contracts, UW Hospital, and other non-GPR sources.

President Shaw added that the assessments resulted from legislation charging the university for municipal services previously paid by Department of Administration funds. As an interim measure last year, institutions were allocated a portion of the assessment and then made determinations on how to pay it. While many charged students an across-the-board amount, some charged a certain fee and also charged extra for parking and other auxiliary activities. While the resolution before the board was an attempt to rationalize the process, it was not possible to make it completely fair because charges by municipalities varied widely.

In response to a question by Regent Nikolay, Regent Fish noted that the state refunded money to the municipalities and then recovered that money from state agencies, including the UW System.

Put to the vote, Resolution 4018 was adopted by the board, with Regent Hanson voting "No."

Budget -
Supplied Bus & Fin. Committee

Prospectus on Fiscal 1989 Federal Budget as it relates to Higher Education, p. 33

Regent Lyon reported that Mr. Newton Cattell, Director of the Midwestern Universities Alliance, provided the committee with a summary of the fiscal 1989 federal budget as it related to higher education.

Report of the Acting Vice President

Reserve Balance

The committee was informed that the reserve for revenue shortfall and other contingencies was estimated to be \$1,494,446--very close to the usual \$1.5 million.

Financial Aid - Report
Meeting with WHEC on GSL Defaults, p. 33

Mr. Marnocha reported on a visit he and Internal Audit Director William Brunkow made to the Wisconsin Higher Education Corporation (WHEC), in order to determine if additional effort could be put forth by the UW System to reduce defaults on GSL loans.

The discussion indicated WHEC was pleased with the cooperation received from UW System institutions. WHEC suggested that it would be helpful if the lender and WHEC could be notified when students were no longer enrolled, rather than waiting for the required reporting date, so that WHEC and the lender could get an earlier start in contacting them. They also suggested that the university might send a letter to students indicating their responsibilities for loan payment.

Veterinary School

The default rates, as calculated for the various UW System institutions, ranged from 5.1 percent at UW-Madison to 16.8 percent at UW-Superior, with the majority falling between 6 percent and 9 percent. All were within the acceptable default rate of 20 percent proposed by Secretary of Education William Bennett. The default rates supplied by WHEC were somewhat different from those presented by the Department of Education, in that they were based upon total dollars of loans in default at the institution divided by the total loans guaranteed, rather than the number of individuals in default.

UW-River Falls
-(same)

Requested Review of UW-River Falls Veterinary Facility *requested for*

~~The committee was advised that Senator Harsdorf had requested the Joint Legislative Audit Committee, to perform a review of the University of Wisconsin Veterinary School satellite facility located at UW-River Falls.~~

→ p. 33

Xref - Legislature - (same)
Xref - Audits - (same)

UNFINISHED AND ADDITIONAL BUSINESS

Legislative Update

Vice President Schilling referred to the written report on legislative matters provided by Vice President Bornstein. There were no questions or comments.

- - -

At 11:05 a.m., the following resolution, moved by Regent Clusen, and seconded by Regent Nikolay, was unanimously adopted on a roll call vote, with Regents Clusen, Doughty Luckhardt, Fish, Flores, Grover, Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling and Vattendahl voting "Aye" (13), and no regents voting "No."

Resolution 4019: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider appointments to the UW-Green Bay Board of Visitors, as permitted by s. 19.85(1)(f), Wis. Stats., and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

- - -

CLOSED SESSION ACTIONS

The board arose from closed session at 12:05 p.m. Adoption of the following resolutions was announced:

UW Green Bay - Board of Visitors

Resolution 4020: That, upon recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, Mr. Jack Le Duc ~~be~~ appointed to the UW-Green Bay Board of Visitors, to succeed Mr. Gene Bankers, for a term ending in June 1989.

Resolution 4021: That, upon recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, Mr. John Ruppel ~~be~~ appointed to the UW-Green Bay Board of Visitors, to serve in a new position for a term ending in June 1990.

and
R 4020 + 4021, p. 34

Salary -

Resolution 4022: ~~That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, a base salary increase of \$6,300 for Professor George T. Bryan, Professor of Human Oncology and Associate Director of Laboratory Research in the Clinical Cancer Center, be approved.~~

R 4022, p. 35

x ref Compensation - (same)

The meeting was adjourned at 12:05 p.m.

Bryan, Prof. George T. - Base salary increase of \$6,300 as Professor of Human Oncology & Assoc. Dir. of Lab. Research in Clinical Cancer Center

R 4022, p. 35

Judith A. Temby
Judith A. Temby
Secretary

March 30, 1988

0178X

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

- | | | | |
|----|---|------------|-----------|
| 1. | DOD, ARMY
HANOVER, NH
STUDY OF ICE EFFECTS ON STRUCTURES
FOR THE PERIOD 07-01-85 THROUGH 06-30-88
AT A TOTAL COST OF \$36,756.00
AWARD # DACA89-85-K-0015, MOD. 4
MSN ENGR ENGR PRFSNL DVLP | (144-W782) | 986.00 |
| 2. | WISCONSIN AMERICAN LEGION AUXILIARY
MILWAUKEE, WI
BADGER GIRLS STATE 1988 FOR THE PERIOD
11-01-87 THRU 09-15-88
MSN OUTRCH GOVRMNTL AFFAIRS | (133-M605) | 12,339.00 |
| 3. | RHONE-POULENC AG COMPANY
IOLA, WI
SUPPORT WEED CONTROL RESEARCH PROGRAM
MSN AG&LSC AGRONOMY | (133-7714) | 1,000.00 |

GIFT-IN-KIND

- | | | | |
|----|--|--|--|
| 1. | PROF. STEPHEN C. KLEENE
MADISON, WI
NATIONAL GEOGRAPHICS
MSN LIBR GEN OPERATIONS LIB ACQSTN | | |
| 2. | PROF. B.G. SCHUMACHER
NORMAN, OK
ON THE ORIGIN AND NATURE OF MANAGEMENT
MSN LIBR GEN OPERATIONS LIB ACQSTN | | |
| 3. | INTEL, CORP.
HILLSBORO, OR
CIRCUIT & SOFTWARE KITS FOR PC'S
MSN ENGR ELEC & COM ENGR ELEC&COMP | | |
| 4. | ROBERT E. HERING
BROOKFIELD, WI
PERSONAL COMPUTER SYSTEM (USED)
MSN GRAD MOLECULAR BIOL | | |
| 5. | MERITER HOSPITAL
MADISON, WI
DUPACO 75000 VENTURA MACHINE, 3 VAPORIZERS-FLUOTEC
2 VERNITROLS, 2 SHELVES ABOVE THE WORK SURFACE OF
THE MACHINE, 5 DRAWERS BELOW THE WORK SURFACE,
CIRCLE SYSTEM CO2 ABSORBER CANISTER WITH VALVES.
MSN VET M SURGICAL SCI | | |
| 6. | FRITZ WILSON
PHOENIX, AZ
TWO SOFTWARE PACKAGES: DSP5600CLASA AND
DSP 320T056001
MSN L&S LIMNOLOGY CTR | | |

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

7. PROF. STEPHEN C. KLEENE
MADISON, WI
VARIOUS PUBLICATIONS
MSN LIBR GEN OPERATIONS LIB ACQSTN
8. IBM CORPORATION
MILFORD, CT
TWO PERSONAL SYSTEM / 2 MODEL 50 COMPUTER SYSTEMS
MSN EDUC COUNS PSYCH & ED
9. IBM
CHICAGO, IL
IBM 4341 COMPUTER, ASSOCIATED COMPONENTS,
TERMINALS AND PERSONAL COMPUTERS
MSN L&S COMPUTER SCI
10. FREDRIC WEBER
BROOKFIELD, WI
M-20 SAILS
MSN UNION GENERAL
11. JUDITH E. SCHRIER
PROVIDENCE, RI
BOOKS (SCIENTIFIC)
MSN L&S PRIMATE RES CTR
12. PROF. MELVIN CROAN
MADISON, WI
BOOKS-57 VOLUMES
MSN LIBR GEN OPERATIONS LIB ACQSTN
13. FAMILY PRACTICE PROFESSIONAL ASSOCIATES
MADISON, WI
VARIOUS SMALL EQUIPMENT ITEMS IN SUPPORT OF
FAMILY PRACTICE CLINICS
MSN HS-MED FAM MED & PRACT
14. APPLE COMPUTER, INC.
CUPERTINO, CA
ONE MACINTOSH SE HD/20 WITH EXTENDED KEYBOARD,
AND WITH HYPERCARD, MACWRITE, AND MACDRAW
SOFTWARE.
MSN L&S LEARNING SUPP SV
15. IBM
CHICAGO, IL
IBM PERSONAL COMPUTERS & ASSOCIATED COMPONENTS,
IBM DACU
MSN L&S COMPUTER SCI
16. PROF. NEIL FORD
MADISON, WI
50 MONOGRAPHS FOR THE BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

17. GROUP HEALTH COOP. OF S. CENTRAL WIS.
MADISON, WI
92 PERIODICAL ISSUES, 23 MONOGRAPHS, 48 TAPES FOR
BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN
18. PROF. JERRY WEYGANDT
MADISON, WI
67 JOURNAL ISSUES, 20 SERIAL PUBLICATIONS FOR
BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN
19. GENERAL MOTORS CORPORATION AND DELCO ELECTRONICS
KOKOMO, IN
INTELLEDEX ROBOTS AND VISION SYSTEM
MSN ENGR ENGR EXPER STA MFG SY ENG
20. NATURE CONSERVANCY OF WISCONSIN
MADISON WI
9.59 ACRES OF LAND IN ABELMAN'S GORGE, TOWN OF
EXCELSIOR, SAUK COUNTY, WISCONSIN.
MSN L&S GEOL & GEOPHYSCS

INSTRUCTION

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
U.W. RADIOLOGICAL SCIENCES TRAINING PROGRAM
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 T32 CA09206-10
MSN HS-MED MEDICAL PHYSICS (144-AD49) 82,163.00
2. UNIVERSITY OF CINCINNATI
CINCINNATI, OH
PRIME CONTRACTOR WITH DHHS PHS NIH
HAZARDOUS WASTE TRAINING CONSORTIUM
FOR THE PERIOD 09-30-87 THROUGH 09-15-88
AWARD # AGR DTD 02/01/88
MSN ENGR ENGR PRFSNL DVL (144-AC52) 56,456.00
3. JUSTICE, DEPT OF
OXFORD, WI
LAW SCHOOL LEGAL ASSISTANCE TO INSTITUTIONALIZED
PERSONS
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
AWARD # J-124-C-282-8
MSN LAW LAW SCHOOL 45,400.00
4. WISC DEPT OF PUBLIC INSTRUCTION
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
05-26-86 THRU 05-25-88
MSN EDUC WIS IMPROV PROG (133-K370) 9,383.58

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- | | | | |
|----|---|-----------------------|-----------|
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
EQUIPMENT FOR TANDEM PRESS
MSN EDUC ART | VISUAL ART (133-M286) | 15,000.00 |
| 6. | MULTIPLE DONORS
SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING
PROGRAM
MSN AG&LSC AG ECONOMICS | (133-3859) | 150.00 |

LIBRARIES

- | | | | |
|----|---|------------|----------|
| 1. | MULTIPLE DONORS
CALDWELL, WILLIAM L.--LIBRARY FUND
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 40.00 |
| 2. | TRACEY (THOMAS M) TRUST AGREEMENT
JACKSONVILLE, FL
LAW SCHOOL LIBRARY ACQUISITION FUND
MSN LAW LIBRARY | (133-F070) | 2,137.10 |
| 3. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
LIBRARY-PERIODICALS
MSN HS-MED PSYCHIATRY | (133-J433) | 600.00 |
| 4. | WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
ALDO LEOPOLD COMMEMORATIVE BROADSIDE
MSN LIBR PBLCTN,REPRT,&LN SILVR BUKL | (133-M589) | 800.00 |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY COST OF PURCHASE OF BOOKS, JOURNALS, OR
OTHER PUBLICATIONS AT THE DISCRETION OF THE
CHAIRMAN OF THE SOILS DEPARTMENT
MSN AG&LSC SOIL SCIENCE | (133-3993) | 1,400.00 |

MISCELLANEOUS

- | | | | |
|----|---|-----------|----------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ALLEN, HELEN LOUISE--TEXTILE STUDIES
MSN FR&CS FAM RSRC&CNSM SC ADMIN | (TRUST) | 3,173.00 |
| 2. | CONTINENTAL ILLINOIS
CHICAGO, IL
SCHULTE, HELEN D. TRUST
SCHULTE, HELEN DENNE--LOAN FUND
MSN HS-NUR | (TRUST) | 8,588.24 |
| 3. | MORTENSEN, LILA E.
STANLEY, WI
MORTENSEN, DR. OTTO A.--LECTURESHIP
MSN HS-MED ANATOMY | (TRUST) | 200.00 |

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

4.	HAACK, DR. JOHN L. PITTSFORD, NY CHEMISTRY DEPARTMENT DISCRETIONARY FUND MSN L&S CHEMISTRY	(TRUST)	100.00
5.	CRAY RESEARCH, INC CHIPPEWA FALLS, WI COMPUTER SCIENCES DEPARTMENT--FACULTY DEVELOPMENT FUND #2 MSN L&S COMPUTER SCI	(TRUST)	5,000.00
6.	CLOUD, BILL & ANN CHARLESTON, IL MACK, JULIAN--PHYSICS DEPARTMENT MSN L&S PHYSICS	(TRUST)	100.00
7.	MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY	(TRUST)	
	700.00 FORBESS, RUSSELL & LINDA SCHOFIELD, WI		\$ 200.00
	400.00 SHEEHAN, CURTIS & MARY SUN PRAIRIE, WI		\$ 500.00
	310.00 POTTER, VAN & VIVIAN MADISON, WI		\$ 300.00
	MERTZ, JANET E. MADISON, WI		\$ 100.00
	1,000.00 BOUTWELL, R.K. & LUELLA MADISON, WI		\$ 300.00
	MULTIPLE DONORS NEW YORK, NY		\$ 10.00
	BRISTOL-MEYERS COMPANY NEW YORK, NY		
			2,410.00
8.	BUESSELER, JOHN A. M.D. LUBBOCK, TX U.W. MEDICAL ALUMNI ASSOC.--DEAN CHARLES R. BARDEEN ANATOMY EXCELLENCE AWARD MSN HS-MED ANATOMY	(TRUST)	2,500.00
9.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DED INSTITUTE FOR SUPPORTED EMPLOYMENT FOR THE PERIOD 09-28-87 THROUGH 09-27-88 AWARD # AGR DTD 02/01/88 MSN EDUC CONTIN & VOC ED	(144-AD61)	117,677.00
10.	NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, DC WAY OF DEATH: MERCHANT CAPITALISM AND THE ANGOLAN SLAVE TRADE, 1730-1830, BY JOSEPH C. MILLER FOR THE PERIOD 10-01-87 THROUGH 04-30-89 AWARD # RP-21004-87 MSN GRAD U W PRESS	(144-AD43)	8,942.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

11.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH WILLIAM WORDSWORTH AND THE AGE OF ENGLISH ROMANTICISM FOR THE PERIOD 10-08-87 THROUGH 05-31-88 AT A TOTAL COST OF \$4,930.60 AWARD # FY87-45(L), MOD. 1 MSN OUTRCH LIBERAL STUDIES	(144-AB43)	888.60
12.	VARIOUS GOVERNMENTAL AGENCIES WASHINGTON, DC 1987 MUSEUM ASSESSMENT PROGRAM AWARD # CHK DTD 01/12/88 MSN L&S ZOOLOGY	(144-AD77)	1,400.00
13.	UNIVERSITY SURGICAL ASSOCIATES C.D.O. MADISON, WI SUPPORT AUDIOLOGIST MSN HS-MED SURGERY	(133-A013)	45,133.32
14.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	700.00
15.	ROBERT A. SCHMIDT PEWAUKEE, WI DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG	(133-B085)	1,000.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY	(133-B291)	1,000.00
17.	SUPPORT GENERAL AGRONOMIC PROGRAMS MSN AG&LSC AGRONOMY	(133-B356)	
	1,300.00 WI CROP IMPROVEMENT ASSOC. MADISON, WI		
	322.31 MULTIPLE DONORS		
	950.00 WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI		
			2,572.31
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEYER PROFESSORSHIP IN ACCOUNTING MSN BUS SCH OF BUSINESS	(133-C281)	6,000.00
19.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY	(133-C334)	48,078.61

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

30.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	3,104.12
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSCS	(133-E941)	30,000.00
32.	MULTIPLE DONORS DEPARTMENT OF CURRICULUM AND INSTRUCTION DISCRETIONARY ACCOUNT MSN EDUC CURRIC & INSTR	(133-F147)	75.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	1,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM MEMBERSHIP SERVICES MSN ARBOR ARBORETUM	(133-F485)	128.00
35.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F665)	1,300.00
36.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F666)	1,300.00
37.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F667)	1,300.00
38.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F668)	1,300.00
39.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F669)	1,000.00

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40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR ASSISTANT BASKETBALL COACH MSN ATH GENERAL OPERATNS ADMIN (133-F684)	3,077.61
41.	MULTIPLE DONORS TRAINING OF FAMILY PRACTICE RESIDENTS AT THE NORTHEAST FAMILY PRACTICE MEDICAL CENTER MSN HS-MED FAM MED & PRACT (133-F816)	400.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANUFACTURING SYSTEMS ENGINEERING CURRICULUM MSN ENGR ENGR EXPER STA MFG SY ENG (133-F912)	4,000.00
43.	PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN (133-G047)	
	5,000.00 WILLIAM P. HANKE VIRDOUA, WI	
	3,674.18 FRIENDS OF UNIVERSITY HOSPITAL & CLINICS MADISON, WI	
		8,674.18
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MATERIALS SCIENCE INDUSTRIAL CONSORTIUM MSN ENGR ENGR EXPER STA MATERLS SC (133-G075)	2,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INSTITUTE FOR GERMAN-AMERICAN STUDIES MSN L&S SPECIAL PROJECTS MAX KADE I (133-G082)	283,297.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING PROGRAM SUPPORT MSN ENGR OPERATIONS (133-G622)	498.65
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S METEOROLOGY (133-G869)	650.00
48.	MULTIPLE DONORS RECREATIONAL SPORTS DISCRETIONARY FUND MSN REC SP ADMINISTRATION (133-G962)	160.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S MATHEMATICS (133-G999)	4,200.00

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50.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-H602)	1,300.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS	(133-J188)	1,500.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - REAL ESTATE MSN BUS SCH OF BUSINESS	(133-J190)	115.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR OPERATIONS	(133-J393)	1,000.00
54.	ARTHUR YOUNG SAN FRANCISCO, CA DIRECTOR'S DISCRETIONARY FUND MSN GRAD BIOTECHNOLGY CTR	(133-J689)	2,000.00
55.	CERVANTES SOCIETY OF AMERICA MADISON, WI DISCRETIONARY FUND FOR THE DEPARTMENT OF SPANISH AND PORTUGUESE MSN L&S SPANISH & PORT	(133-J695)	500.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR DEPARTMENT OF BOTANY MSN L&S BOTANY	(133-J710)	100.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BABCOCK HORTICULTURAL GARDENS MSN AG&LSC HORTICULTURE	(133-J754)	10,000.00
58.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	2,053.00
59.	MULTIPLE DONORS CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	100.00
60.	SEWELL (WILLIAM H) MADISON, WI SEWELL PUBLICATIONS FUND MSN L&S SOCIOLOGY	(133-J983)	300.00

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61.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS	(133-K201)	558.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED	(133-K244)	6,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR COACHING STAFF MSN ATH GENERAL OPERATNS ADMIN	(133-K302)	70,500.00
64.	MULTIPLE DONORS REHABILITATION CENTER DISCRETIONARY FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-K543)	50.00
65.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	536.68
66.	MULTIPLE DONORS NEW GERMAN CRITIQUE MSN L&S GERMAN	(133-K734)	113.17
67.	MULTIPLE DONORS DIABETES RESEARCH & EDUCATION MSN HS-MED MEDICINE ENDOCRINOL	(133-K746)	24.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-K748)	3,000.00
69.	NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS RESTON, VA COMMISSION ON STANDARDS FOR SCHOOL MATHEMATICS FOR THE PERIOD 09-01-86 THRU 12-30-88 AT A 146,344 LEVEL MSN EDUC WIS CTR EDUC RES	(133-K824)	16,372.00
70.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC	(133-K995)	25.00
71.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN	(133-L094)	380.00
72.	BELOIT MEMORIAL HOSPITAL BELOIT, WI EDUCATION FOR RENAL DIALYSIS NURSING STAFF MSN HS-HSP ADMINISTRATION ADMIN	(133-L369)	3,004.00

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73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	900.00
74.	TULSA (UNIVERSITY OF) TULSA, OK PUBLICATION SUPPORT FOR "CLASSICISM AND SOCIAL DISCOURSE" MSN GRAD U W PRESS	(133-L509)	5,500.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-L569)	11,000.00
76.	MULTIPLE DONORS NIELSEN TENNIS DISCRETIONARY FUND MSN REC SP NIELSEN TENNIS S	(133-L644)	100.00
77.	AMERICAN FLORAL ENDOWMENT EDWARDSVILLE, IL FLORICULTURE RESEARCH MSN AG&LSC HORTICULTURE	(133-L839)	4,032.00
78.	MULTIPLE DONORS NURSING NEEDS FOR F4/4 MSN HS-HSP ADMINISTRATION ADMIN	(133-L852)	100.00
79.	LEVINE-FRICKE OAKLAND, CA CONSTRUCTION OF AN EXHIBIT ON WISCONSIN'S GROUNDWATER FOR THE GEOLOGY MUSEUM MSN L&S GEOL & GEOPHYSCS	(133-M004)	1,000.00
80.	HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY	(133-M109)	
	1,617.08 GEORGE PARKER JANESVILLE, WI		
	55.00 MULTIPLE DONORS		
			1,672.08
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF EDUCATION ALUMNI ACTIVITIES MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M137)	6,000.00
82.	WISCONSIN ACADEMY OF FAMILY PHYSICIANS ELM GROVE, WI WISCONSIN RESEARCH NETWORK MEETING MSN HS-MED FAM MED & PRACT PRE-DOCTRL	(133-M190)	1,000.00

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83.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	6,000.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	1,000,000.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-M562)	1,000,000.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED	(133-M563)	30,000.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-M564)	45,000.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	100,000.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-M566)	30,000.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S EDUCATIONAL IMPROVEMENT GRANT MSN HS-MED	(133-M567)	50,000.00
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL RESEARCH MODULE MSN HS-MED	(133-M568)	50,000.00
92.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI CHOREOGRAPHIC RESIDENCY FOR THE PERIOD 02-01-88 THRU 03-01-88 MSN EDUC PHYS ED & DANCE DANCE	(133-M614)	300.00
93.	UNIVERSITY OF WISCONSIN FOUNDATION ENVIRONMENTAL AWARENESS PROJECT FOR THE PERIOD 1/1/88 THRU 12/31/88 MSN ENV ST ADMINISTRATION PUBL,INFO	(133-M627)	5,000.00

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94.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-M651)	5,381.32
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)	2,000.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	11,000.00
97.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-2128)	2,194.81
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SOILS CHAIRMAN'S DISCRETIONARY GRANT TO BE USED WITH THE APPROVAL OF THE DEAN OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES MSN AG&LSC SOIL SCIENCE (133-4885)	600.00
99.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	12,000.00 THE JOHNSON'S WAX FUND, INC. RACINE, WI	
	897.50 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	100.00 MULTIPLE DONORS	
	2,550.00 THE PRUDENTIAL FOUNDATION NEWARK, NJ	
	2,500.00 JOHN A. KELLOGG AURORA, CO	
		18,047.50
100.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)	55.00
101.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS ASSOCIATES MSN HS-MED OBSTET & GYNECOL (133-6296)	65,330.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-8366)	100,000.00

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MISCELLANEOUS

103. MOBIL OIL CORPORATION
DENVER, CO
DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S
DISCRETIONARY GRANT FOR CHARITABLE, EDUCATIONAL
OR SCIENTIFIC PURPOSES
MSN L&S GEOL & GEOPHYSICS (133-8797) 1,000.00

RESEARCH

1. SMITHKLINE ANIMAL HEALTH PRODUCTS
PHILADELPHIA, PA
BIOLOGICAL TESTING AGREEMENT
MSN VET M PATHOBIOLOGCL SCI

2. NICOLET INSTRUMENT CORPORATION
MADISON, WI
CONSORTIA AGREEMENT FOR A NEW GENERATION
OF SIGNAL
MSN HS-MED NEUROLOGY

3. COMPUTER SCIENCES CORPORATION
SILVER SPRINGS, MD
CONSULTING AGREEMENT
MSN GRAD PHY SCIENCES LAB

4. SCRIPPS CLINIC AND RESEARCH FOUNDATION
LAJOLLA, CA
RESEARCH MATERIAL TRANSFER AGREEMENT
MSN HS-MED MEDICINE HEMATOLOGY

5. SCRIPPS CLINIC AND RESEARCH FOUNDATION
LAJOLLA, CA
RESEARCH MATERIAL TRANSFER AGREEMENT
MSN HS-MED ONCOLOGY

6. CHARMILLES TECHNOLOGIES SA
GENEVA, SWITZERLAND
ELECTRIC DISCHARGE MACHINE (EDM):
CONSIGNMENT AGREEMENT
MSN ENGR ENGR EXPER STA MFG SY ENG

7. ORGANISMO INTERNACIONAL REGIONAL DE
SANIDAD AGROPECUARIA
SAN SALVADOR, EL SALVADOR
AGREEMENT BETWEEN THE UNIVERSITY OF WISCONSIN-
MADISON AND THE ORGANISMO INTERNACIONAL
REGIONAL DE SANIDAD AGROPECUARIA
MSN AG&LSC INTL AG PRGS-ADM

8. EARNINGS ON MISC. INVESTMENT
PHANEUF, DUANE--MEDICAL RESEARCH
MSN HS-MED (TRUST) 102.39

9. UPJOHN COMPANY
KALAMAZOO, MI
COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATOLOGY (TRUST) 250.00

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10.	MULTIPLE DONORS NEUROLOGY DEPARTMENT--RESEARCH FUND MSN HS-MED NEUROLOGY	(TRUST)	25.00
11.	MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	
	150.00 MULTIPLE DONORS		
	180.00 INTERNATIONAL BUSINESS MACHINES ARMONK, NY MERGEN, MARK F.		
			330.00
12.	NORTHERN TRUST COMPANY CHICAGO, IL HANSON CHARITABLE TRUST DEPARTMENT OF PSYCHIATRY--RESEARCH FUND MSN HS-MED PSYCHIATRY	(TRUST)	20,000.00
13.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK RESEARCH FUND IN CONSERVATION MSN AG&LSC NAT RSRCS- ADMIN	(TRUST)	1,424.22
14.	COMPUTER SCIENCES DEPARTMENT-FACULTY RESEARCH GRANT MSN L&S COMPUTER SCI	(TRUST)	
	20,000.00 BOEING COMPANY SEATTLE, WA		
	100.00 DUKE UNIVERSITY DURHAM, NC		
			20,100.00
15.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	(TRUST)	
	526.00 MULTIPLE DONORS		
	3,215.00 MULTIPLE DONORS	\$	715.00
	DOTEN, ALMA TRUST JANESVILLE, WI		
	WICKEM, MARY ELIZABETH TRUSTEE	\$	1500.00
	WICKSTROM, MR & MRS RALPH RIPON, WI	\$	1000.00
	500.50 TOWNSHIP OF ARLINGTON LODI, WI		
	1,000.00 INTERNATIONAL BUSINESS MACHINES ARMONK, NY KRYKA, NANCY		
	175.00 UNITED FUND CUMBERLAND, WI TOWN OF CUMBERLAND		
	200.00 BENZINGER, THOMAS EVANSVILLE, WI		
			5,616.50

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16.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	(TRUST)	4,475.00
17.	IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	(TRUST)	
	485.00 MULTIPLE DONORS		
	575.00 BAISCH, JOE M. AND CAROL C. ROCKFORD, IL		\$ 500.00
			\$ 75.00
	230.00 MULTIPLE DONORS MARY ANN LIEBERT, INC NEW YORK, NY		
	500.00 DIGITAL EQUIPMENT CORPORATION MAYNARD, MA		
	100.00 BOWLES, GLENN A. MULTIPLE DONORS		\$ 25.00
			\$ 75.00
			1,890.00
18.	MULTIPLE DONORS JOHNSON, R.D.--LECTURESHIP MSN HS-MED HUMAN ONCOLOGY	(TRUST)	25.00
19.	COHEN, BRUCE I. SAN FRANCISCO, CA COHEN, BENJAMIN PAUL--MEMORIAL MSN HS-MED HUMAN ONCOLOGY	(TRUST)	1,000.00
20.	GIBSON, WILLIAM H. TRUST TREMPELEAU, WI ARLID ENGELEN, TRUSTEE GIBSON, WILLIAM H.--CANCER RESEARCH FUND MSN HS-MED	(TRUST)	2,023.95
21.	AGRICULTURE, DEPT. OF ALBANY, CA ALTERNATE PEST MANAGEMENT APPROACHES IN PROCESSING CROPS TO REDUCE PESTICIDE USE AND SUBSEQUENT HAZARDS TO HONEY BEES AND OTHER NONTARGET ORGANISMS: A SYSTEMS APPROACH FOR THE PERIOD 10-01-86 THROUGH 09-30-88 AT A TOTAL COST OF \$127,360.00 AWARD # 58-82HW-7-5, MOD. 1 MSN AG&LSC ENTOMOLOGY	(144-Y631)	63,260.00
22.	AGRIC, FOREST SERVICE MADISON, WI ESTABLISHMENT OF BIOPULPING CONSORTIUM AWARD # FP-88-1021 MSN GRAD BIOTECHNOLGY CTR		
23.	COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM ROCKVILLE, MD WISCONSIN LAND INFORMATION NEWSLETTER FOR THE PERIOD 07-01-86 THROUGH 11-29-88 AT A TOTAL COST OF \$29,355.00 AWARD # NA86AA-D-CG067, MOD. 3 MSN ENV ST LAND INFO ST LD INFO ST	(144-Y145)	9,831.00

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24. GREAT LAKES FISHERIES COMMISSION
ANN ARBOR, MI
PRIME CONTRACTOR WITH COMM NOAA
THE COSTS OF FISHERIES REHABILITATION IN THE BAY
OF QUINTE AND GREEN BAY: A COMPARISON OF THE
CANADIAN AND U S EXPERIENCES
FOR THE PERIOD 02-01-88 THROUGH 09-30-88
AWARD # AGR DTD 01-25-88
MSN AG&LSC AG ECONOMICS (144-AD41) 17,904.00
25. EDUCATION, DEPT OF
WASHINGTON, DC
REHABILITATION ENGINEERING CENTER ON ACCESS
TO COMPUTERS AND ELECTRONIC EQUIPMENT
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # H133E80021
MSN GRAD WAISMAN CENTER (144-AD51) 699,961.00
26. UNIVERSITY OF MARYLAND
COLLEGE PARK, MD
PRIME CONTRACTOR WITH DED
FINANCIAL AND LEADERSHIP PROJECTS FOR THE NATIONAL
CENTER FOR POSTSECONDARY GOVERNANCE AND FINANCE
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AWARD # SUBCONTRACT 22269-B
MSN EDUC WIS CTR EDUC RES (144-AC40) 69,328.00
27. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
THE EFFECTS OF STRUCTURAL CHANGE ON LABOR SUPPLY
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # 20-103-150-308
MSN AG&LSC AG ECONOMICS (144-AD46) 26,102.00
28. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
LONGITUDINAL FOLLOW-UP OF VTAE GRADUATES USING
FEDERAL INCOME TAX DATA
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # 20-710-150-308
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AD47) 36,262.00
29. MICHIGAN STATE UNIVERSITY
EAST LANSING, MI
PRIME CONTRACTOR WITH DED NIE
TEACHER EDUCATION PROGRAMS IN ELEMENTARY
EDUCATION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AWARD # AGREEMENT 7103221
MSN EDUC WIS CTR EDUC RES (144-AB17) 36,642.00
30. RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
NEW BRUNSWICK, NJ
PRIME CONTRACTOR WITH DED NIE
NIE CENTER ON STATE AND LOCAL POLICY DEVELOPMENT
AND LEADERSHIP IN EDUCATION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$966,385.00
AWARD # SUBCONTRACT DTD 01/28/88, MOD. 3
MSN EDUC WIS CTR EDUC RES (144-AB19) 319,999.00

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31. 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 01-01-88 THROUGH 08-31-88
AWARD # SUBCON. 10-RR-WEJT
MSN L&S INST-RES ON POV (144-AE57) 50,000.00
32. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 F32 DA05307-02
MSN HS-MED PHARMACOLOGY (144-AD53) 26,004.00
33. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) PROCOLLAGEN: SECRETION, ASSEMBLY AND CELL
RECEPTORS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$156,964.00
AWARD # 5 RO1 AR38174-02, MOD. 1
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AB15) 116,599.00
- 2) SYMPTOM AND EMOTION STIMULI TO HEALTH ACTION
IN THE ELDERLY
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$337,440.00
AWARD # 5 RO1 AG03501-06, MOD. 1
MSN GRAD INST-AGING&ADULT (144-AB38) 257,449.00
- 3) NMR AND MONTE CARLO STUDIES OF CATION-DNA
INTERACTIONS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$110,618.00
AWARD # 5 RO1 GM34351-04, MOD. 1
MSN L&S CHEMISTRY (144-AB40) 84,777.00
- 4) ACID-BASE BALANCE REGULATION OF RENAL
METABOLISM
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$174,494.00
AWARD # 5 RO1 DK18351-14, MOD. 1
MSN HS-MED MEDICINE NEPHROLOGY (144-AB46) 131,146.00
- 5) MECHANISM AND CONTROL OF MICROTUBULE ASSEMBLY
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$191,935.00
AWARD # 5 RO1 GM25062-10, MOD. 1
MSN GRAD MOLECULAR BIOL (144-AB52) 145,061.00

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|---|------------|------------|
| 6) REGULATION OF GLUCONEOGENESIS IN DIABETES
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$94,211.00
AWARD # 5 RO1 DK20678-10, MOD. 1
MSN GRAD ENZYME INSTITUTE | (144-AB61) | 70,593.00 |
| 7) BEHAVIOR OF BACTERIA - BIOCHEMISTRY
AND GENETICS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$148,299.00
AWARD # 5 RO1 AIO8746-20, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AB65) | 111,552.00 |
| 8) REGULATION OF CILIARY MOTION BY CYCLIC
NUCLEOTIDES
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$95,309.00
AWARD # 5 RO1 GM34906-03, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AB66) | 72,413.00 |
| 9) THE MECHANISM OF SITE-SPECIFIC RECOMBINATION IN
YEAST
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$138,137.00
AWARD # 5 RO1 GM37835-02, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AB67) | 99,528.00 |
| 10) BIOSYNTHESIS OF IRON-MOLYBDENUM COFACTOR OF
NITROGENASE
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$97,675.00
AWARD # 5 RO1 GM35332-02, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AB68) | 68,615.00 |
| 11) RNA POLYMERASE SIGMA SUBUNIT: STRUCTURE AND
FUNCTION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$149,930.00
AWARD # 5 RO1 GM28575-08, MOD. 1
MSN HS-MED ONCOLOGY | (144-AB73) | 115,512.00 |
| 12) GENERAL CLINICAL RESEARCH CENTER
FOR THE PERIOD 12-01-87 THROUGH 02-29-88
AWARD # 5 MO1 RRO3186-03
MSN HS-MED HUMAN ONCOLOGY | (144-AB74) | 196,755.00 |
| 13) BIOLOGICAL AND MOLECULAR STUDIES
OF A-MULV TUMORIGENESIS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$106,623.00
AWARD # 5 RO1 CA41302-03, MOD. 1
MSN HS-MED ONCOLOGY | (144-AB77) | 76,307.00 |
| 14) HISTORY AND CONTROL OF THE HAPTOGLOBIN GENE
CLUSTER
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$97,600.00
AWARD # 5 RO1 GM37567-02, MOD. 1
MSN HS-MED GENETICS | (144-AB79) | 72,852.00 |

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- 15) CARCINOGEN-TRANSFORMED HUMAN CELLS:
GENETIC TRAITS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$165,125.00
AWARD # 5 R37 CA42024-04, MOD. 1
MSN HS-MED ONCOLOGY (144-AB81) 123,359.00
- 16) METABOLISM OF THE BRAIN
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$154,225.00
AWARD # 5 R01 NS05961-22, MOD. 1
MSN HS-MED SURGERY NEUROSURG (144-AB83) 103,935.00
- 17) INVOLVEMENT OF T ANTIGEN IN SV40 LATE
GENE EXPRESSION
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$94,390.00
AWARD # 5 R01 CA37208-05, MOD. 1
MSN HS-MED ONCOLOGY (144-AB84) 71,540.00
- 18) TRANSPLANTATION - ROLE OF ENDOTHELIUM
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$41,367.00
AWARD # 5 R23 HL34751-03, MOD. 1
MSN HS-MED SURGERY DENT&P SRG (144-AB88) 28,624.00
- 19) NMR STUDIES OF LIPID EFFECTS ON
BACTERIORHODOPSIN
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$96,114.00
AWARD # 5 R01 GM38532-02, MOD. 1
MSN L&S CHEMISTRY (144-AB93) 72,649.00
- 20) CHILDREN'S CANCER STUDY GROUP
FOR THE PERIOD 12-01-87 THROUGH 02-29-88
AT A TOTAL COST OF \$24,642.00
AWARD # 5 U10 CA05436-22, MOD. 1
MSN HS-MED PEDIATRICS (144-AC04) 16,428.00
- 21) STUDIES IN APRAXIA OF SPEECH
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$175,171.00
AWARD # 5 R01 NS18797-05, MOD. 1
MSN GRAD WAISMAN CENTER (144-AC08) 129,546.00
- 22) CHOLESTEROL METABOLISM AND MITOCHONDRIAL
CYTOCHROME P450
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$123,928.00
AWARD # 2 R01 DK18585-13, MOD. 1
MSN HS-MED PHARMACOLOGY (144-AC13) 95,891.00
- 23) GENETIC REGULATION OF ACETYLCHOLINE SYNTHESIS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$99,903.00
AWARD # 5 R01 GM38679-02, MOD. 1
MSN L&S ZOOLOGY (144-AC14) 74,829.00

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- 24) THE USE OF MICROBIAL SYSTEMS IN ORGANIC
SYNTHESES
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$119,671.00
AWARD # 5 RO1 GM33149-08, MOD. 1
MSN HS-PHR PHARMACY (144-AC15) 90,090.00
- 25) RETINA SURFACE TRANSFERASE:
PROPERTIES AND FUNCTION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$191,952.00
AWARD # 2 RO1 EYO5860-07, MOD. 1
MSN L&S ZOOLOGY (144-AC21) 159,751.00
- 26) EGG-MEDIATED MOTILITY DURING FERTILIZATION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$99,244.00
AWARD # 5 RO1 HD12913-09, MOD. 1
MSN L&S ZOOLOGY (144-AC23) 74,725.00
- 27) RADIATION IN VITRO - MAMMARY NEOPLASIA
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$196,368.00
AWARD # 2 R37 CA13881-16, MOD. 1
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AC24) 152,553.00
- 28) STRUCTURAL ANALYSIS OF LIPOPOLYSACCHARIDES AND
LIPID A
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$86,200.00
AWARD # 5 RO1 GM36054-03, MOD. 1
MSN AG&LSC BACTERIOLOGY (144-AC25) 66,097.00
- 29) DIETARY SUPPRESSORS OF MEVALONATE BIOSYNTHESIS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$56,896.00
AWARD # 5 RO1 HL33893-03, MOD. 1
MSN AG&LSC NUTRITIONAL SCI (144-AC26) 39,835.00
- 30) SPECTROSCOPIC STUDIES OF ENZYME-SUBSTRATE
COMPLEXES
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$164,364.00
AWARD # 5 RO1 GM35752-03, MOD. 1
MSN GRAD ENZYME INSTITUTE (144-AC35) 124,918.00
- 31) THE GENETIC CONTROL OF PROTEIN SYNTHESIS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$172,113.00
AWARD # 5 RO1 GMO8995-27, MOD. 1
MSN HS-MED PHYSIOLOG CHEM (144-AC41) 135,060.00
- 32) APOLIPOPROTEIN-R MUTATION AND PLASMA LIPID LEVELS
IN PIGS
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 1 RO1 HL39774-01
MSN AG&LSC MEAT& ANIMAL SCI (144-AC48) 61,619.00

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33)	IMMUNIZATION AGAINST URINARY TRACT INFECTION FOR THE PERIOD 12-01-87 THROUGH 11-30-88 AT A TOTAL COST OF \$171,408.00 AWARD # 2 RO1 DK30808-06A1, MOD. 1 MSN HS-MED SURGERY UROLOGY (144-AC50)	134,770.00
34)	SYNTHESIS AND FUNCTION OF MEMBRANE PHOSPHOLIPIDS FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$201,215.00 AWARD # 5 RO1 DK19551-12, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AC53)	154,082.00
35)	DETERMINATION OF ENZYME MECHANISMS BY KINETIC STUDIES FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$199,401.00 AWARD # 5 R37 GM18938-17, MOD. 1 MSN AG&LSC BIOCHEMISTRY (144-AC54)	151,734.00
36)	REGULATION OF THE HEAT SHOCK RESPONSE IN E. COLI FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$154,124.00 AWARD # 5 RO1 GM36278-03, MOD. 1 MSN AG&LSC BACTERIOLOGY (144-AC62)	116,456.00
37)	CONTROL PROCESSES IN MAMMALIAN CELLS FOR THE PERIOD 01-15-88 THROUGH 02-29-88 AWARD # 2 RO1 DK10334-23 MSN GRAD ENZYME INSTITUTE (144-AC75)	86,429.00
38)	KIDNEY TRANSPLANTATION AND DONOR-SPECIFIC TRANSFUSIONS FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AWARD # 5 RO1 DK31774-06 MSN HS-MED SURGERY GEN SURG (144-AC80)	181,747.00
39)	GENDER AND FERTILITY MOTIVATION FOR THE PERIOD 02-01-88 THROUGH 01-31-89 AWARD # 1 RO1 HD23898-01 MSN L&S SOCIOLOGY (144-AC81)	141,779.00
40)	GENETIC CONTROL OF PROTEIN STRUCTURE AND SYNTHESIS FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$391,972.00 AWARD # 2 RO1 GM20069-16, MOD. 1 MSN HS-MED GENETICS (144-AC93)	309,780.00
41)	A MUTATIONAL ANALYSIS OF E. COLI CORE RNA POLYMERASE FOR THE PERIOD 12-01-87 THROUGH 11-30-88 AT A TOTAL COST OF \$217,108.00 AWARD # 2 RO1 AI19635-06, MOD. 1 MSN AG&LSC BACTERIOLOGY (144-AC94)	186,589.00

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- 42) IMMUNOBIOLOGY OF AFRICAN TRYPANOSOMIASIS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$265,683.00
AWARD # 2 RO1 AI22441-04, MOD. 1
MSN AG&LSC VETERINARY SCI (144-AD05) 223,996.00
- 43) AGE RELATED CHANGES IN NEOSTRIATAL CHOLINERGIC
FUNCTION
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$55,549.00
AWARD # 5 RO1 AG05953-03, MOD. 1
MSN HS-PHR PHARMACY (144-AD20) 41,332.00
- 44) REGULATORY SITES IN PRO- AND EUKARYOTIC GENOMES
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 RO1 GM21812-14
MSN AG&LSC GENETICS (144-AD22) 348,283.00
- 45) TRANSFORMATION IN VITRO OF HUMAN UROEPITHELIAL
CELLS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 RO1 CA29525-08
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AD32) 176,957.00
- 46) THE MECHANISM OF ACTION OF THYROTROPIN-RELEASING
HORMONE
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 RO1 DK25861-09
MSN L&S ZOOLOGY (144-AD36) 152,284.00
- 47) MOLECULAR BIOLOGY OF VISUAL RECEPTOR
OUTER SEGMENTS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 RO1 EY00463-20
MSN GRAD MOLECULAR BIOL (144-AD39) 236,482.00
- 48) ROLE OF THE LOCUS CERULEUS IN SENSORIMOTOR
CORTEX INJURY
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 R23 NS23003-03
MSN HS-MED REHABIL MEDICINE (144-AD42) 46,127.00
- 49) MOLECULAR BASIS OF TRANSLATIONAL FIDELITY
FOR THE PERIOD 01-19-88 THROUGH 12-31-88
AWARD # 2 RO1 GM26217-09A1
MSN GRAD MOLECULAR BIOL (144-AD44) 150,012.00
- 50) GENETIC ANALYSIS OF BACILLUS SUBTILIS AMYLASE
SYNTHESIS
FOR THE PERIOD 01-20-88 THROUGH 12-31-88
AWARD # 2 RO1 GM34324-04
MSN AG&LSC BACTERIOLOGY (144-AD45) 147,349.00
- 51) CONTROL MECHANISMS IN INTERMEDIARY METABOLISM
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 RO1 GM14033-21
MSN HS-MED MEDICINE ENDOCRINOL (144-AD52) 128,487.00

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52)	ANESTHETIC INDUCED CARDIAC DEPRESSION FOR THE PERIOD 02-01-88 THROUGH 01-31-89 AWARD # 2 R01 GM29527-04A2 MSN HS-MED ANESTHESIOLOGY	(144-AD57)	93,689.00
53)	IMMUNOREGULATORY T CELL GLYCOPROTEINS: GENE CLONING FOR THE PERIOD 02-01-88 THROUGH 01-31-89 AWARD # 5 R01 AI21853-03 MSN AG&LSC BIOCHEMISTRY	(144-AD66)	80,457.00
54)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 02-01-88 THROUGH 01-31-89 AWARD # 7 K08 HLO1649-03 MSN HS-MED PEDIATRICS	(144-AD75)	63,893.00
55)	CYTOTOXIC T LYMPHOCYTES IN INFLUENZA VIRUS EVOLUTION FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AWARD # 1 R29 AI24902-01 MSN VET M PATHOBIOLOGCL SCI	(144-AE66)	87,359.00
56)	STUDY OF DIABETIC RETINOPATHY FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AWARD # 5 R01 EY00300-23 MSN HS-MED OPHTHALMOLOGY	(144-AE70)	445,581.00
57)	IMMUNOPATHOLOGY AND THERAPY OF CORNEAL DISEASE FOR THE PERIOD 03-01-88 THROUGH 02-28-89 AWARD # 5 R01 EY07011-03 MSN HS-MED OPHTHALMOLOGY	(144-AE76)	149,192.00
58)	HYPOTHALAMIC CONTROL OF PUBERTY FOR THE PERIOD 12-01-86 THROUGH 03-31-88 AT A TOTAL COST OF \$138,075.00 AWARD # 3 R01 HD11355-09S1, MOD. 1 MSN L&S PRIMATE RES CTR	(144-Y817)	30,657.00
34.	UNIVERSITY OF PENNSYLVANIA MEDICAL CENTER PHILADELPHIA, PA PRIME CONTRACTOR WITH DHHS PHS NIH NONINVASIVE INVESTIGATION OF THE OCULAR CIRCULATION FOR THE PERIOD 09-30-87 THROUGH 09-29-88 AWARD # AGR DTD 10/28/87 MSN HS-MED OPHTHALMOLOGY	(144-AA78)	3,427.00
35.	DHHS, PHS, OFFICE OF POPULATION AFFAIRS WASHINGTON, DC AID FOR CONTRACEPTIVE DECISION MAKING FOR THE PERIOD 11-01-85 THROUGH 05-31-87 AT A TOTAL COST OF \$130,595.00 AWARD # FPR 000039-01-0, MOD. 1 MSN HS-PHR PHARMACY	(144-X358)	2,818.00

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36. DOD, AIR FORCE
BOLLING AFB, DC
IN SUPPORT OF THE FOLLOWING:
- 1) CHEMICAL REACTIONS AND PROPERTIES OF ORGANOSILICON
COMPOUNDS RELATED TO NEW MATERIALS
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
AWARD # F49620-86-C-0010
MSN L&S CHEMISTRY (144-AA55) 241,093.00
 - 2) COMPUTATION AND THEORY IN LARGE-SCALE
OPTIMIZATION
FOR THE PERIOD 01-15-88 THROUGH 11-14-88
AWARD # AFOSR-88-0090
MSN L&S CTR MATH SCI (144-AC72) 40,300.00
37. DOD, AIR FORCE
PATRICK AFB, FL
METEOROLOGICAL INTERACTIVE DATA DISPLAY SYSTEM
FOR THE CAPE CANAVERAL FORECAST FACILITY
FOR THE PERIOD 02-01-84 THROUGH 06-30-89
AT A TOTAL COST OF \$3,607,131.00
AWARD # FO8606-84-C-0007, MOD. 10
MSN GRAD SPACE SCI&ENG CT (144-U103) 133,992.00
38. DOD, NAVY
ARLINGTON, VA
SYNTHESIS AND PROPERTIES OF ENVIRONMENTALLY STABLE
POLYURETHANE
FOR THE PERIOD 07-01-83 THROUGH 01-31-89
AT A TOTAL COST OF \$573,430.00
AWARD # NO0014-83-K-0423, MOD. 7
MSN ENGR CHEMICAL ENGR (144-T441) 150,690.00
39. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) REVERSED FIELD PINCH STUDY
FOR THE PERIOD 11-01-87 THROUGH 02-29-88
AT A TOTAL COST OF \$500,000.00
AWARD # DE-FGO2-85ER53198, MOD. 2
MSN L&S PHYSICS (144-AA96) 390,000.00
 - 2) DEVELOPMENT OF POLARIZED ION BEAMS AND
POLARIZED GAS TARGETS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # DE-FGO2-86ER40266
MSN L&S PHYSICS (144-AD54) 46,200.00
 - 3) MICROSTRUCTURAL UNDERSTANDING AND CRITICAL
CURRENT OPTIMIZATION OF ADVANCED HIGH FIELD
SUPERCONDUCTORS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # DE-FGO2-86ER52131
MSN ENGR MET & MIN ENGR (144-AD70) 91,540.00

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4)	FAST NEUTRON DOSIMETRY FOR THE PERIOD 02-01-88 THROUGH 01-31-89 AWARD # DE-FG02-86ER60417 MSN HS-MED MEDICAL PHYSICS	(144-AD76)	43,000.00
5)	EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS FOR THE PERIOD 04-01-80 THROUGH 12-31-88 AT A TOTAL COST OF \$55,866,876.00 AWARD # DE-ACO2-76EROO881, MOD. 39 MSN L&S PHYSICS	(144-E164)	272,550.00
40.	ENERGY, DEPT OF OAKLAND, CA RESEARCH ON SOLAR HEATING AND COOLING FOR THE PERIOD 02-15-88 THROUGH 09-14-88 AWARD # DE-FG03-84SF15303 MSN ENGR ENGR EXPER STA SOLAR ENRG	(144-AE65)	165,000.00
41.	DUPONT (E I) DENEMOURS AND COMPANY AIKEN, SC PRIME CONTRACTOR WITH DOE PHOTOCATALYTIC DEGRADATION OF CHLORINATED HYDROCARBONS AT THE SAVANNAH RIVER PLANT FOR THE PERIOD 10-12-87 THROUGH 10-11-88 AWARD # PO #AXO798826-1 MSN GRAD WATER RESOURCES WATER RESO	(144-AE72)	99,205.00
42.	MIDWEST RESEARCH INSTITUTE SOLAR ENERGY RESEARCH INSTITUTE DIVISION GOLDEN, CO PRIME CONTRACTOR WITH DOE PLASTIC WOOD FOR THE PERIOD 01-15-88 THROUGH 04-14-89 AWARD # XX-8-07153-2 MSN AG&LSC N RSRCS-FORESTRY	(144-AD34)	31,065.00
43.	MARTIN MARIETTA ENERGY SYSTEMS, INC OAK RIDGE, TN PRIME CONTRACTOR WITH DOE US DEPARTMENT OF ENERGY STELLARATOR PROGRAM FOR THE PERIOD 09-30-87 THROUGH 09-30-88 AWARD # 19X-91315C MSN ENGR ELEC & COM ENGR ELEC&COMP	(144-AA80)	110,000.00
44.	MARTIN MARIETTA ENERGY SYSTEMS, INC OAK RIDGE, TN PRIME CONTRACTOR WITH DOE US DEPARTMENT OF ENERGY STELLARATOR PROGRAM FOR THE PERIOD 09-30-87 THROUGH 09-30-88 AWARD # 19X-91315C MSN ENGR ENGR EXPER STA FUSION TEC	(144-AA81)	32,000.00
45.	INTER, FISH AND WILDLIFE SERVICE WASHINGTON, DC IMPACTS OF MILITARY TRAINING ON PREDATORS AT PINON CANYON ARMY TRAINING AREA FOR THE PERIOD 08-30-85 THROUGH 09-30-89 AT A TOTAL COST OF \$127,363.00 AWARD # 14-16-0009-1511 #20, MOD. 4 MSN AG&LSC N R-WILDLIF ECOL	(144-X237)	44,200.00

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46. NATIONAL AERONAUTICS AND SPACE ADMIN
HAMPTON, VA
A CONTINENTAL MIDDLE AND HIGH CLOUD PROJECT
FOR FIRE
FOR THE PERIOD 01-01-85 THROUGH 12-31-88
AT A TOTAL COST OF \$193,630.00
AWARD # NAG1-553, MOD. 6
MSN GRAD SPACE SCI&ENG CT (144-W272) 62,000.00
47. NATIONAL AERONAUTICS AND SPACE ADMIN
MARSHALL SPACE FLIGHT CENTER, AL
CRYSTAL GROWTH BY TWO MODIFIED FLOATING-ZONE
PROCESSES
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # NAG8-705
MSN ENGR MET & MIN ENGR (144-AE59) 74,770.00
48. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
IN SUPPORT OF THE FOLLOWING:
- 1) CO-INVESTIGATOR SUPPORT ON THE GALILEO NET
FLUX RADIOMETER EXPERIMENT
FOR THE PERIOD 01-01-85 THROUGH 12-31-89
AT A TOTAL COST OF \$712,929.00
AWARD # NAS2-12078, MOD. 8
MSN GRAD SPACE SCI&ENG CT (144-W319) 214,000.00
- 2) HE II FLUID DYNAMICS STUDIES FOR SPACEBORNE
CRYOGENIC SYSTEMS
FOR THE PERIOD 07-01-85 THROUGH 06-30-88
AT A TOTAL COST OF \$300,000.00
AWARD # NAG 2-358, MOD. 7
MSN ENGR NUC ENGR&E PHYSC (144-X115) 33,000.00
49. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SOME NEW MATHEMATICAL METHODS FOR VARIATIONAL
OBJECTIVE ANALYSIS OF METEOROLOGICAL INFORMATION
USING SPLINES AND CROSS VALIDATION
FOR THE PERIOD 05-01-83 THROUGH 04-30-88
AT A TOTAL COST OF \$473,572.00
AWARD # NAG5-316, MOD. 8
MSN GRAD SPACE SCI&ENG CT (144-T131) 28,402.00
- 2) ENERGY DIAGNOSTICS AND IMPACT STUDIES OF FGGE
GLOBAL DATA SETS AND GLAS GCM SIMULATIONS
FOR THE PERIOD 08-01-83 THROUGH 03-31-88
AWARD # NAG 5-81, MOD. 8
MSN GRAD SPACE SCI&ENG CT (144-T525) 51,114.00
- 3) SURFACE ENERGY BALANCE
FOR THE PERIOD 10-01-86 THROUGH 02-28-89
AT A TOTAL COST OF \$176,461.00
AWARD # NAG 5-854, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-Y532) 68,000.00

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50. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
NEA UTILIZATION OF MUSEUM RESOURCES - CATALOGUE
FOR THE PERIOD 01-01-88 THROUGH 12-30-88
AWARD # 88-4444-0063
MSN L&S ELVJM MUSEUM ART (144-AD73) 15,000.00
51. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
GENERAL HISTORY OF CARTOGRAPHY PROJECT
FOR THE PERIOD 09-01-85 THROUGH 08-31-88
AT A TOTAL COST OF \$408,936.00
AWARD # RT-20614-85, MOD. 5
MSN L&S GEOGRAPHY (144-W891) 50,000.00
52. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) SUBSPACE APPROXIMATION BASED ALGORITHMS AND VLSI
ARCHITECTURE FOR REAL TIME HIGH RESOLUTION
SPECTRUM ESTIMATION
FOR THE PERIOD 09-01-87 THROUGH 02-29-88
AWARD # DCI-8896111
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AD40) 21,400.00
- 2) NATIONAL SCIENCE FOUNDATION EQUIPMENT GRANT
FOR THE PERIOD 02-15-88 THROUGH 07-31-90
AWARD # BBS-8609887
MSN L&S ZOOLOGY (144-AD58) 36,385.00
- 3) MOTIONS AND CONFORMATIONAL PROPERTIES
OF MACROMOLECULES IN SOLUTION
FOR THE PERIOD 02-15-88 THROUGH 07-31-89
AWARD # DMR-8800641
MSN L&S CHEMISTRY (144-AD80) 160,500.00
- 4) MECHANISTIC AND EXPLORATORY ORGANIC PHOTOCHEMISTRY
FOR THE PERIOD 03-01-88 THROUGH 08-31-89
AWARD # CHE-8801796
MSN L&S CHEMISTRY (144-AE69) 225,000.00
- 5) PLANETARY SCALE DIABATIC HEATING AND TRANSPORT
PROCESSES FOR THE ASIATIC MONSOON AND GLOBAL
CIRCULATION
FOR THE PERIOD 12-01-85 THROUGH 05-31-89
AT A TOTAL COST OF \$437,400.00
AWARD # ATM-8517273, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-X291) 126,200.00
- 6) OPERATION OF THE WISCONSIN SYNCHROTRON
RADIATION CENTER (MATERIALS RESEARCH)
FOR THE PERIOD 03-01-86 THROUGH 03-31-89
AT A TOTAL COST OF \$7,508,087.00
AWARD # DMR-8601349, MOD. 5
MSN GRAD SYNCHR RAD CTR SYNCH-RAD (144-X342) 3,100,000.00

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- 7) QUASI-LAGRANGIAN DIAGNOSTICS OF EXTRATROPICAL CYCLONES
FOR THE PERIOD 05-01-86 THROUGH 05-31-89
AT A TOTAL COST OF \$470,000.00
AWARD # ATM-8602860, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-X666) 170,000.00
- 8) MATHEMATICAL SCIENCES: THE COMBINATORICS AND TOPOLOGY OF REFLECTION GROUPS
FOR THE PERIOD 06-01-86 THROUGH 11-30-89
AT A TOTAL COST OF \$179,700.00
AWARD # DMS-8600408, MOD. 2
MSN L&S MATHEMATICS (144-X949) 71,350.00
- 9) STRATOSPHERE-TROPOSPHERE MASS EXCHANGE AND A GLOBAL INVESTIGATION OF TOTAL COLUMNAR OZONE
FOR THE PERIOD 10-15-86 THROUGH 03-31-89
AT A TOTAL COST OF \$157,000.00
AWARD # ATM-8611776, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-Y437) 77,000.00
- 10) ULTRA-COMPACT (HII) REGIONS: MASS LOSS RATES AND NONTHERMAL EMISSION FROM LUMINOUS STARS; AND INTERSTELLAR MOLECULAR IONS
FOR THE PERIOD 11-01-86 THROUGH 04-30-89
AT A TOTAL COST OF \$116,500.00
AWARD # AST-8605125, MOD. 1
MSN L&S ASTRONOMY (144-Y706) 56,100.00
- 11) FAST PLANT KITS FOR TEACHING PRINCIPLES OF BIOLOGY IN K-12 SCIENCE
FOR THE PERIOD 10-15-86 THROUGH 03-31-88
AT A TOTAL COST OF \$164,708.00
AWARD # MDR-8651604, MOD. 1
MSN AG&LSC PLANT PATHOLOGY (144-Y713) 50,084.00
- 12) CRYSTALLOGRAPHIC DISORDER ON SURFACES (MATERIALS RESEARCH)
FOR THE PERIOD 02-01-87 THROUGH 07-31-89
AT A TOTAL COST OF \$260,000.00
AWARD # DMR-8615089, MOD. 1
MSN ENGR MET & MIN ENGR (144-Y954) 126,000.00
- 13) A HIGH-RESOLUTION CLIMATOLOGY OF THE TERRESTRIAL SEASONAL WATER CYCLE
FOR THE PERIOD 08-15-87 THROUGH 01-31-90
AT A TOTAL COST OF \$83,209.00
AWARD # SES-8712067, MOD. 1
MSN L&S GEOGRAPHY (144-Z793) 42,193.00
53. UNIVERSITY OF MAINE
ORONO, ME
PRIME CONTRACTOR WITH NSF
ANTARCTIC SOILS
FOR THE PERIOD 04-01-88 THROUGH 06-30-88
AWARD # UM-S114
MSN AG&LSC SOIL SCIENCE (144-AD56) 7,379.00

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54.	VARIOUS GOVERNMENTAL AGENCIES WASHINGTON, DC THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION AND THE DOCUMENTARY HISTORY OF THE FIRST FEDERAL ELECTIONS FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AT A TOTAL COST OF \$109,991.00 AWARD # 88-018, MOD. 1 MSN L&S HISTORY	(144-AC44)	21,998.00
55.	DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE	(133-A103)	
	2,000.00 ARISTOGENES, INC. PARMA, ID		
	416.32 MULTIPLE DONORS		
			2,416.32
56.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	1,590.00
57.	UNITED WAY OF SOUTH WOOD COUNTY WISCONSIN RAPIDS, WI CANCER RESEARCH MSN HS-MED	(133-A251)	500.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	CARDIOLOGY (133-A525)	42,950.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	NUCL MED (133-A529)	47,750.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	5,400.00
61.	DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	
	42,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	500.00 SUSAN AND WILLIAN KENYON LIBERTYVILLE, IL		
	1,300.00 BENJAMIN BROOKS MADISON, WI		
			43,800.00

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62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA ENERGY RES (133-A816)	26,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF FORESTRY GENERAL RESEARCH FUND MSN AG&LSC N RSRCS-FORESTRY (133-A872)	797.00
64.	MULTIPLE DONORS FACULTY RESEARCH SUPPORT AND DEVELOPMENT FUND MSN L&S URBAN & REG PLAN (133-A967)	300.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RESEARCH AND ACADEMIC PROGRAM ACTIVITIES CONCERNING LATIN AMERICA MSN L&S SPANISH & PORT IBERO-AMER (133-B093)	250,000.00
66.	MULTIPLE DONORS HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE CARDIOLOGY (133-B379)	20.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEMONSTRATION PROJECT RELATED TO MEDICAL STAFF PARTICIPATION IN HOSPITAL COST SETTING AND COST CONTAINMENT ACTIVITIES MSN HS-MED PREVENTIVE MED (133-B478)	302.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IRWIN MAIER CHAIR IN BUSINESS MSN BUS SCH OF BUSINESS (133-B889)	75,000.00
69.	SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE (133-B996)	
	225.00 MULTIPLE DONORS	
	895.00 GLENVIEW BANK GLENVIEW, IL	
		1,120.00
70.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, D.C. WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL (133-C298)	4,810.75
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S DISCRETIONARY ACCOUNT MSN HS-MED PSYCHIATRY (133-C465)	800.00

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72.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION FAIR LAWN, NJ RESEARCH AND EDUCATION OF OUTSTANDING GRADUATE STUDENTS IN PHARMACY MSN HS-PHR PHARMACY	(133-C504)	10,250.00
73.	MULTIPLE DONORS GALLSTONE DISSOLUTION RESEARCH MSN HS-MED SURGERY	GEN SURG (133-C969)	50.00
74.	RHONE POULENC AG COMPANY IOLA, WI CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	750.00
75.	MULTIPLE DONORS CARDIOVASCULAR RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-D232)	95.00
76.	NATIVE PLANTS, INC. SALT LAKE CITY, UT SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY	(133-D429)	3,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	10,495.58
78.	RORER PHARMACEUTICAL CORP. FORT WASHINGTON, PA SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	1,850.00
79.	INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE	INFECT DIS (133-D837)	
	1,500.00 PFIZER, INC. HOFFMAN ESTATES, IL		
	500.00 BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC		
	1,000.00 AMERICAN CYANAMID COMPANY WAYNE, NJ		
			3,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERN CONTROL THEORY RESEARCH MSN ENGR CHEMICAL ENGR	(133-D866)	8,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-E273)	45,000.00

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82.	EDWARD M. & ANN M. RUHRUP HUDSON, IL TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	(133-E289)	1,188.00
83.	HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-E770)	
	450.00 MULTIPLE DONORS 30,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 100.00 MULTIPLE DONORS		
			30,550.00
84.	LYNN M. LOPUCKI MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-E839)	2,300.83
85.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	370.00
86.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S	(133-F069)	400.00
87.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	8,254.14
88.	THE AMERICAN ORTHOPIC JOURNAL MADISON, WI PEDIATRIC OPHTHALMOLOGY RESEARCH MSN HS-MED OPHTHALMOLOGY	(133-F127)	1,000.00
89.	MULTIPLE DONORS ANOREXIA NERVOSA HALFWAY HOUSE FUND MSN HS-MED PEDIATRICS	(133-F198)	30.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRACTICAL REACTION ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F201)	3,777.00
91.	FOXBORO COMPANY FOXBORO, MA MICROSENSOR TECHNOLOGY MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-F261)	22,000.00
92.	MULTIPLE DONORS SUDDEN INFANT DEATH SYNDROME RESEARCH MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-F270)	250.00

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93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION FEASIBILITY STUDIES MSN ENGR ENGR EXPER STA FUSION TEC (133-F328)	10,000.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL DOCTORAL FELLOWSHIP MSN L&S GEOL & GEOPHYSCS (133-F585)	13,054.00
95.	SYNTRD ANIMAL HEALTH INC. SAN DIEGO, CA MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLOGCL SCI (133-F663)	7,350.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF SALARY AND FRINGE BENEFITS FOR RESEARCH FELLOW AWARD # 58-851 MSN HS-MED ANESTHESIOLOGY (133-F750)	3,600.00
97.	GEOTECHNICAL ENGINEERING PROGRAM SUPPORT MSN ENGR CIVIL & ENV ENGR (133-F891)	
	1,200.00 PETER J. BOSSCHER MADISON, WI	
	1,715.00 TUNCER B. EDIL MADISON, WI	
		2,915.00
98.	HALDOR TOPSOE A/S COPENHAGEN, DENMARK UNRESTRICTED RESEARCH GRANT MSN ENGR CHEMICAL ENGR (133-F894)	2,000.00
99.	MULTIPLE DONORS PLASMA RESEARCH MSN L&S PHYSICS (133-F966)	8.35
100.	MERRI MAC DUBUQUE, IA PEDIATRIC ICU FUND MSN HS-MED PEDIATRICS (133-F979)	50.00
101.	BERLEX LABORATORIES, INC. WAYNE, NJ PHASE II/III DOUBLE BLIND STUDY COMPARING IOTROL 190 MGL/ML WITH METRIZAMIDE FOR LUMBAR MYELOGRAPHY MSN HS-MED RADIOLOGY (133-G135)	4,613.62
102.	NATIONAL KRAUT PACKERS ASSOC., INC. ST. CHARLES, IL INVESTIGATIONS ON DEVELOPMENT OF ALTERNATE CONSUMER FOOD PRODUCTS FROM TRADITIONAL SAUERKRAUT AND FRESH CABBAGE MSN AG&LSC FOOD SCIENCE (133-G529)	500.00

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103.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	4,000.00
104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISTRIBUTED AMPLIFIERS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-G655)	4,000.00
105.	HARTMANN (HENRIK A L) MADISON, WI DISCRETIONARY RESEARCH MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-G658)	150.00
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL DEPARTMENTAL OFFICE AND RESEARCH EXPENSES MSN HS-MED ANESTHESIOLOGY	(133-G721)	29,101.92
107.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN GASTROINTESTINAL MUCOSAL ADHESIVE SYSTEMS IN THE DELIVERY OF DRUGS FOR THE PERIOD 12-01-83 THRU 11-30-88 AT A \$222,900 LEVEL MSN HS-PHR PHARMACY	(133-G775)	50,000.00
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S FUND MSN HS-MED PSYCHIATRY	(133-G809)	34,000.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY - BULIMIA FOLLOW-UP STUDY MSN HS-MED PSYCHIATRY	(133-G820)	1,430.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLIMATE FORECAST PROJECT MSN ENV ST CTR FOR CLIM RES	(133-G844)	53,000.00
111.	MULTIPLE DONORS CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	25.00
112.	KIKKOMAN CORPORATION CHIBA-KEN, JAPAN EFFECTS OF SOY SAUCE ON CARCINOGENESIS MSN AG&LSC FOOD MICRO&TOXIC	(133-H012)	33,000.00
113.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	245.00

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114.	MOBAY CHEMICAL CORPORATION INDIANAPOLIS, IN WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONMY	(133-H072)	500.00
115.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI OAT VARIETY IDENTIFICATION MSN AG&LSC AGRONOMY	(133-H074)	5,000.00
116.	EASTMAN KODAK COMPANY ROCHESTER, NY CHEMISTRY DEPARTMENTAL SERVICES ACCDUNT MSN L&S CHEMISTRY	(133-H081)	3,000.00
117.	EASTMAN KODAK COMPANY ROCHESTER, NY SELF-DIFFUSION AND THERMAL DIFFUSION IN POLYMERS BY FORCED RAYLEIGH SCATTERING MSN L&S CHEMISTRY	(133-H089)	27,000.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY RESEARCH MSN ENGR ENGR EXPER STA FUSION TEC	(133-H388)	1,000.00
119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLYMERIZATION REACTION ENGINEERING MSN ENGR CHEMICAL ENGR	(133-H740)	29,000.00
120.	WATSON LABORATORIES CORDNA, CA PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	15,000.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-H760)	234,477.00
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIOTHORACIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY THORACIC S	(133-H761)	22,965.00
123.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY GEN SURG	(133-H762)	60,909.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY NEUROSURG	(133-H763)	2,052.00

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125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ORTHO SURG (133-H764)	38,622.00
126.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF OTOLARYNGOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	OTOLARYN (133-H765)	8,860.00
127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	DENT&P SRG (133-H766)	21,712.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY - VISITING SPEAKERS MSN HS-MED PSYCHIATRY	(133-H771)	7,000.00
129.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA EMTP BASICS EDUCATIONAL PROGRAM FOR THE PERIOD 05-10-85 THRU 08-31-88 AT AN 205,830 LEVEL AWARD # RP2149-6 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-H789)	35,000.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUNDS FOR ENGINEERING MINORITY PROGRAM MSN ENGR OPERATIONS	(133-H821)	4,000.00
131.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN USE OF HUMAN PROINSULIN (RDNA) ALONE OR IN COMBINATION WITH REGULAR HUMAN INSULIN (RDNA) IN TYPE I AND TYPE II DIABETIC PATIENTS WHO HAVE NEVER RECEIVED INSULIN AWARD # 11976D MSN HS-MED OPHTHALMOLOGY	(133-H922)	14,416.00
132.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	105.00
133.	KIMBERLY-CLARK CORPORATION ROSWELL, GA PROTECTIVE ISOLATION IN CRITICAL CARE MSN HS-MED MEDICINE INFECT DIS	(133-H964)	40,000.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR ENGR MECHANICS	(133-J102)	1,000.00

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135.	WORLD DAIRY EXPO, INC. MADISON, WI PSP CLEARANCE IN THE HORSE MSN VET M MEDICAL SCIENCES	(133-J202)	1,000.00
136.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY	(133-J330)	6,930.00
137.	AMERICAN RED CROSS BLOOD SERVICES MADISON, WI COAGULATION AND IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE HEMATOLOGY	(133-J394)	5,000.00
138.	MULTIPLE DONORS WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	480.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY LIBRARY MSN HS-MED PSYCHIATRY	(133-J418)	2,500.00
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAINEE TRAVEL MSN HS-MED PSYCHIATRY	(133-J432)	500.00
141.	STAR SPRINKLER CORPORATION MILWAUKEE, WI COMPUTER-AIDED MANUFACTURING RESEARCH MSN ENGR INDUSTRIAL ENGR	(133-J554)	2,500.00
142.	FMD ASSOCIATES, INC. WINONA, MN ELECTROACOUSTICS RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-J741)	1,000.00
143.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR CHEMICAL ENGR	(133-J762)	12,000.00
144.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARACTERISTICS OF PUBLISHED ARBITRATION AWARDS MSN L&S SPECIAL PROJECTS CTR FOR DV	(133-J806)	719.20
145.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-J808)	10,000.00

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146.	E.R. SQUIBB & SONS, INC. PRINCETON, NJ ADMINISTRATIVE ACCOUNT FOR STUDY OF LISINAPRIL COMPARED TO ATENOLOL IN HYPERTENSION MSN HS-PHR PHARMACY	(133-J882)	15,000.00
147.	CREEKWOOD FARMS INCORPORATED LAKE MILLS, WI PRODUCTION OF MYCOPLASMA GALLISEPTICUM VACCINE MSN VET M PATHOBIOLGCL SCI	(133-J884)	923.62
148.	EM DIAGNOSTIC SYSTEMS GIBBSTOWN, NJ ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	3,000.00
149.	INTERNATIONAL BUSINESS MACHINES CORPORATION HOPEWELL JUNCTION, NY STUDIES OF GA AS SURFACES PRIOR TO AND DURING GATE METAL DEPOSITION FOR THE PERIOD 12-20-85 THRU 01-19-89 AT A \$291,860 LEVEL AWARD # AGREEMENT NO. F235U MSN ENGR MET & MIN ENGR	(133-J978)	95,000.00
150.	DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	
	500.00 MADISON GAS AND ELECTRIC COMPANY MADISON, WI		
	500.00 WISCONSIN POWER AND LIGHT COMPANY MADISON, WI		
			1,000.00
151.	STUART PHARMACEUTICALS WILMINGTON, DE CLINICAL TRIALS: ZOLADEX VS ORCHIECTOMY AND ZOLADEX VS DES MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-K049)	3,333.00
152.	STUART PHARMACEUTICALS WILMINGTON, DE PATIENT CARE FUND: ZOLADEX VS ORCHIECTOMY AND ZOLADEX VS DES CLINICAL TRIALS MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-K050)	1,667.00
153.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARBORETUM LAND INFORMATION SYSTEMS STUDY MSN ENV ST LAND INFO STU LD INFO ST	(133-K055)	5,000.00
154.	GENERAL MOTORS RESEARCH LABORATORIES WARREN, MI CHARACTERIZATION OF CATALYTIC AND CORROSION- RESISTANT SURFACES WITH SYNCHROTRON RADIATION FOR THE PERIOD 01-01-86 THRU 08-31-88 AT A \$134,000 LEVEL AWARD # CONTRACT 14-3 MSN L&S CHEMISTRY	(133-K083)	30,000.00

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155.	NUTRASWEET COMPANY SKOKIE, IL ELECTROPHYSIOLOGICAL PROPERTIES AND EFFECTS OF SWEETNESS AND SWEETENERS AWARD # D1655 MSN AG&LSC VETERINARY SCI	(133-K160)	75,599.18
156.	CAMPBELL INSTITUTE FOR RESEARCH AND TECHNOLOGY CAMDEN, NJ MECHANISM OF HEAT-INACTIVATION OF SELECTED ENZYMES IN SPORES OF CLOSTRIDIUM BOTULINUM MSN AG&LSC FOOD MICRO&TOXIC	(133-K178)	33,166.00
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	5,000.00
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAYMOND T. JACKSON MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-K311)	32,000.00
159.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHASE 1 STUDY OF CL 246,738 IN CANCER PATIENTS MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-K325)	41,731.00
160.	PURDUE FREDERICK COMPANY NORWALK, CT COMPARISON OF METERED-DOSE ALBUTEROL AND UNIPHYL AS FIRST LINE ASTHMA THERAPY MSN HS-MED MEDICINE ALLRGY&IMM	(133-K392)	8,000.00
161.	NATIVE PLANTS, INC. SALT LAKE CITY, UT MOLECULAR MARKERS IN BRASSICA SPECIES MSN AG&LSC AGRONOMY	(133-K395)	22,000.00
162.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF AZELASTINE, CONTROLLED RELEASE THEOPHYLLINE AND COMBINED AZELASTINE-THEOPHYLLINE THERAPY IN THE MANAGEMENT OF PATIENTS WITH NONSTERIOD DEPENDENT BRONCHIAL ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM	(133-K437)	17,500.00
163.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI THE ROLE AND IMPORTANCE OF AGRICULTURE TO THE WISCONSIN ECONOMY MSN AG&LSC AG JOURNALISM	(133-K539)	2,500.00
164.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NEUROLOGICAL REHABILITATION RESEARCH MSN HS-MED REHABIL MEDICINE	(133-K604)	2,000.00

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165.	MULTIPLE DONORS CATTLE PROJECTS MSN AG&LSC MEAT& ANIMAL SCI	(133-K669)	200.00
166.	ABBOTT LABORATORIES ABBOTT PARK, IL DEVELOPMENT OF A CURRENT-VOLTAGE DIAGNOSTIC PROBE FOR PLASMA POLYMERIZATION MSN ENGR NUC ENGR&E PHYSIC	(133-K799)	40,000.00
167.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR	(133-K849)	13,000.00
168.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOCIAL STRATIFICATION RESEARCH FUND FOR THE PERIOD 09-01-86 THRU 08-31-87 MSN L&S SOCIOLOGY	(133-K855)	10,000.00
169.	INSITE VISION, INC. OAKLAND, CA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K881)	16,666.67
170.	JANESVILLE FOUNDATION, INC. JANESVILLE, WI ISSUES AND OPTIONS FOR COMMUNITY DEVELOPMENT FOR JANESVILLE MSN AG&LSC NR-LANDSCAP ARCH	(133-K954)	125.00
171.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ ENALAPRIL VS PLACEBO IN CHRONIC CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE CARDIOLOGY	(133-L054)	32,156.34
172.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	
	15,000.00 MEAD CORPORATION DAYTON, OH		
	15,000.00 JAMES RIVER CORPORATION NEENAH, WI		
	15,000.00 SANDOZ CHEMICAL CORPORATION CHARLOTTE, NC		
	15,000.00 POTLATCH CORPORATION CLOQUET, MN		
	15,000.00 WEYERHAEUSER COMPANY TACOMA, WA		
			75,000.00
173.	BRAINTREE LABORATORIES, INC. BRAINTREE, MA EVALUATION OF 851 LAXATIVE SOLUTION MSN HS-MED MEDICINE GASTROENT	(133-L105)	40,000.00

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183.	GOLDEN FOREST COMPANY MADISON, WI INDUCTION OF THE MOREL TO FORM EDIBLE MUSHROOMS MSN L&S BOTANY (133-L358)	1,062.52
184.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS (133-L386)	14,000.00
185.	BRENT E. ADAMSON M.D. MADERA, CA U.W. ORTHOPEDIC RESIDENT RESEARCH FUND MSN HS-MED SURGERY ORTHO SURG (133-L411)	500.00
186.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR ENGR EXPER STA MFG SY ENG (133-L417)	2,000.00
187.	CONTROL DATA CORPORATION MINNEAPOLIS, MN NSF PRESIDENTIAL YOUNG INVESTIGATOR AWARD MATCHING FUNDS MSN L&S PHYSICS (133-L464)	4,000.00
188.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND-DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED (133-L566)	700,000.00
189.	CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA IMMUNOGENICITY AND SAFETY OF A TRIVALENT INFLUENZA-DIPHThERIA TOXOID CONJUGATE VACCINE IN ELDERLY OUTPATIENTS MSN HS-MED MEDICINE HEMATOLOGY (133-L661)	28,213.71
190.	WARNER-LAMBERT COMPANY ANN ARBOR, MI DOUBLE-BLIND, PLACEBO-CONTROLLED, EFFICACY STUDY OF C1-949 ARGININE IN PATIENTS WITH ALLERGIC ASTHMA MSN HS-MED MEDICINE ALLRgy&IMM (133-L680)	27,986.00
191.	NEW ENGLAND BIOLAB FOUNDATION WENHAM, MA ESTABLISHMENT OF A LABORATORY FOR DIAGNOSIS AND STUDY OF CAMPYLOBACTER AND YERSINIA AS A CAUSE OF DIARRHEA IN CHILDREN OF NICARAGUA FOR THE PERIOD 06-01-87 THRU 05-31-88 REDUCED TO REFLECT AMOUNT OF EQUIPMENT & SUPPLIES PROVIDED BY SPONSOR MSN VET M PATHOBIOLGCL SCI (133-L696)	7,963.81-

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192.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESPONSE STUDY COMPARING THE EFFICACY AND SAFETY OF 2.5 MG, 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVEN ONCE DAILY IN PATIENTS WITH STABLE ANGINA PECTORIS DUE TO CORONARY HEART DISEASE (P 57 P 5 T 10) MSN HS-MED MEDICINE	CARDIOLOGY (133-L892)	24,394.00
193.	STUART PHARMACEUTICALS WILMINGTON, DE ICI 176, 334 IN PATIENTS WITH ADVANCED PROSTATIC CARCINOMA MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-L975)	3,500.00
194.	MARKWELL MEDICAL INSTITUTE, INC. RACINE, WI RESEARCH AND DEVELOPMENT OF GLUCOSE SENSORS FOR THE PERIOD 07-01-87 THRU 06-30-89 AT A \$200,000 LEVEL MSN HS-MED MEDICINE	NEPHROLOGY (133-M013)	145,000.00
195.	ADRIA LABORATORIES COLUMBUS, OH TOREMIFENE: PHASE 1 TOLERANCE, PHARMACODYNAMICS, PHARMACOKINETICS AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-M018)	14,425.65
196.	ADRIA LABORATORIES COLUMBUS, OH 5-FU VS. ADRIAMYCIN IN PATIENTS WITH METASTATIC BREAST CANCER AWARD # 85003093 MSN HS-MED HUMAN ONCOLOGY	EAST COOP (133-M052)	17,000.00
197.	MERRELL DOW PHARMACEUTICALS CINCINNATI, OH A DOUBLE-BLIND COMPARISON STUDY OF EXONIMONE AND PLACEBO FOLLOWED BY ENOXIMONE OR PLACEBO PLUS CAPTOPRIL IN PATIENTS WITH MILD TO MODERATELY SEVERE HEART FAILURE MSN HS-MED MEDICINE	CARDIOLOGY (133-M090)	31,119.25
198.	TRITON BIOSCIENCES, INC. ALAMEDA, CA BETASERON INTERFERON IN CHRONIC MYELOGENOUS LEUKEMIA AWARD # TBO1-24185 MSN HS-MED MEDICINE	HEMATOLOGY (133-M128)	8,400.00
199.	BELOIT MEMORIAL HOSP. BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE	NEPHROLOGY (133-M167)	2,000.00

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200.	MCMASTER UNIVERSITY ONTARIO, CANADA UTILIZATION OF HEALTH CARE SERVICES FOR THE PERIOD 10-01-87 THRU 02-29-88 MSN L&S INST-RES ON POV	(133-M201)	2,942.00
201.	MILES PHARMACEUTICALS WEST HAVEN, CT COMPARISON OF CIPROFLOXACIN WITH CEFOTAXIME FOR PROPHYLAXIS DURING TRANSURETHRAL SURGERY AWARD # D87-008-03 MSN HS-MED SURGERY UROLOGY	(133-M221)	44,000.00
202.	STUART PHARMACEUTICALS, ICI WILMINGTON, DE CEFOTAN BROTH DISK ELUTION STUDY MSN HS-MED MED MICROBIOLOGY	(133-M309)	2,241.62
203.	GENERAL MOTORS CORPORATION WARREN, MI CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR	(133-M322)	6,666.67
204.	FORD FOUNDATION NEW YORK, NY PROPOSAL TO MONITOR COLLABORATION PROJECTS FOR THE FORD FOUNDATION FOR THE PERIOD 01-01-88 THRU 12-31-88 AWARD # 850-224E MSN EDUC WIS CTR EDUC RES	(133-M330)	329,634.00
205.	NEENAH FOUNDRY COMPANY NEENAH, WI DUCTILE IRON SOLIDIFICATION RESEARCH MSN ENGR MET & MIN ENGR	(133-M344)	13,000.00
206.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN GRAD ENGINEERING INDUS ENGR	(133-M360)	13,294.00
207.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM-SUPPORT FOR A CONFERENCE ON COMPETITION AND REGULATION IN TELECOMMUNICATION MARKETS MSN GRAD SCH OF BUSINESS	(133-M361)	6,400.00
208.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM MSN GRAD SCH OF BUSINESS	(133-M362)	3,600.00

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209.	UNIVERSITY OF WISCONSIN FOUNDATION OPHTHALMOLOGY RESEARCH & DEVELOPMENT FUND FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN HS-MED OPHTHALMOLOGY	(133-M383)	42,685.98
210.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF COMPUTERIZED BILLING AND MEDICAL DATA SYSTEM-INCLUDES PURCHASE OF NECESSARY HARDWARE AND SOFTWARE MSN HS-MED FAM MED & PRACT	(133-M384)	270,000.00
211.	UNIVERSITY OF WISCONSIN FOUNDATION HEPATIC MRI CONTRAST OPTIMIZATION IN HEPATIC NEOPLASTIC DISEASE MSN HS-MED RADIOLOGY	DIAGNOSTIC (133-M386)	8,500.00
212.	UNIVERSITY OF WISCONSIN FOUNDATION MRI OF THE PANCREATIC TRANSPLANT MSN HS-MED RADIOLOGY	DIAGNOSTIC (133-M387)	6,000.00
213.	ALUMINUM COMPANY OF AMERICA RIVERDALE, IA MODELLING AND DYNAMIC ANALYSIS OF AN ALUMINUM ROLLING MILL PROCESS WITH AN AC CYCLOCONVERTER DIRECT DRIVE FOR THE PERIOD 09-01-87 THRU 08-31-88 AWARD # DA 854669 TS MSN ENGR MECHANICAL ENGR	(133-M473)	20,500.00
214.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY LANGUAGE SKILLS IN CHILDREN WITH DOWN SYNDROME FOR THE PERIOD 03-01-88 THRU 02-28-89 AWARD # 12-197 MSN GRAD WAISMAN CENTER	(133-M516)	25,000.00
215.	LUCE (THE HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIA STUDIES FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN L&S SPECIAL PROJECTS SE ASIA ST	(133-M554)	181,500.00
216.	OPTOELECTRONICS B TEXTRON PETALUMA, CA LEAD SELENIDE INFRARED DETECTORS MSN L&S CHEMISTRY	(133-M573)	50,000.00
217.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN NIZATIDINE VS. CIMETIDINE (Q.I.D.) IN ACUTE DUODENAL ULCER DISEASE (PROTOCOL B5Q-MC-NBAY (A), IND 18975 MSN HS-MED MEDICINE	GASTROENT (133-M575)	4,440.00

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218.	HERSHEY FOODS CORPORATION HERSHEY, PA SOCIAL CHANGE IN THE COCOA REGION OF BAHIA, BRAZIL FOR THE PERIOD 09-01-87 THRU 06-30-89 MSN AG&LSC RURAL SOCIOLOGY	(133-M576)	1,037.50
219.	CIBA-GEIGY CORPORATION BASEL, SWITZERLAND EFFECTS OF MURAMYL TRIPEPTIDE- PHOSPHATIDYLETHANOLAMINE AND GAMMA INTERFERON ON OBLIGATE INTRACELLULAR PATHOGENS IN MICE AWARD # PH 2.29 GS/HZ MSN HS-MED MED MICROBIOLOGY	(133-M578)	83,500.00
220.	MARION LABORATORIES KANSAS CITY, MO INHIBITION OF ACUTE PLATELET THROMBUS FORMATION IN STENOSED CANINE CORONARIES WITH ASPIRIN AND DILTIAZEM AND PROTECTION AGAINST EXACERBATION OF THROMBUS FORMATION DUE TO IV EPINEPHRINE AWARD # 3050 MSN HS-MED MEDICINE	CARDIOLOGY (133-M579)	12,600.00
221.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-11-88 THRU 07-15-88 MSN ENV ST INSTRUCTNL PRG INSTR PRG	(133-M580)	6,353.00
222.	NICOLET INSTRUMENT CORPORATION MADISON, WI PROJECT PHOENIX OF MADISON, INC. MSN HS-MED NEUROLOGY	(133-M581)	38,913.00
223.	ELSER (MR. & MRS. ALBERT C. 11) MILWAUKEE, WI RESEARCH IN IONIC CHANNELS AND NERVE DYSFUNCTION IN DEMYELINATING DISEASES MSN HS-MED NEUROPHYSIOLOGY	(133-M583)	3,750.00
224.	TENNESSEE EASTMAN COMPANY KINGSPORT, TN MACROMOLECULES SEMINAR MSN L&S CHEMISTRY	(133-M584)	4,500.00
225.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-04-88 THRU 05-13-88 AWARD # 88-1 BACHHUBER MSN AG&LSC NAT RSRCS- ADMIN	(133-M590)	2,850.00
226.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-04-88 THRU 05-13-88 AWARD # 88-1 WARNKE MSN AG&LSC NAT RSRCS- ADMIN	(133-M591)	2,850.00

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227.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-04-88 THRU 05-13-88 AWARD # 88-1 VANDER HEYDEN MSN AG&LSC NAT RSRCS- ADMIN	(133-M592)	2,850.00
228.	SPENCER FOUNDATION CHICAGO, IL THE TRANSITION FROM ELEMENTARY SCHOOL TO MIDDLE SCHOOL FOR THE PERIOD 04-01-88 THRU 03-31-89 MSN EDUC EDUC PSYCHOLOGY	(133-M594)	7,105.00
229.	INFORMATION SERVICES GROUP MT. OLIVE, NJ MCIDAS ACCESS FOR THE PERIOD 02-01-88 THRU 12-31-88 AWARD # S83-00233 MSN GRAD SPACE SCI&ENG CT	(133-M597)	35,000.00
230.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI COMPUTER BASED QUALITY CONTROL PROCEDURES FOR ULTRASOUND PHANTOMS FOR THE PERIOD 12-01-87 THRU 03-31-88 MSN HS-MED MEDICAL PHYSICS	(133-M600)	4,300.00
231.	APPLIED BIOSYSTEMS FOSTER CITY, CA RESEARCH STUDIES ON THE DEVELOPMENT OF DNA SEQUENCING METHODS MSN L&S CHEMISTRY	(133-M602)	50,000.00
232.	SYNTEX LABORATORIES, INC PALO ALTO, CA EVALUATION OF TWO FORMULATIONS OF FLUNISOLIDE NASAL SPRAY IN PATIENTS WITH PERENNIAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM	(133-M603)	2,000.00
233.	WISC DEPT OF NATURAL RESOURCES MADISON, WI URBAN RESIDENT ASSESSMENT OF NONPOINT SOURCE POLLUTION FOR THE PERIOD 12-22-87 THRU 06-30-88 AWARD # 87-99003-E-00 MSN AG&LSC ENVIR RSRCS CTR SOIL&W CON	(133-M604)	28,097.00
234.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ MERCK POSTDOCTORAL FELLOWSHIP MSN L&S ZOOLOGY	(133-M606)	25,000.00
235.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI PULMONARY IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE PULMON MED	(133-M607)	1,947.73

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236.	INTERNATIONAL POTATO CENTER LIMA, PERU POTATO BREEDING METHODS WITH SPECIES, HAPLOIDS AND 2N GAMETES FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN AG&LSC HORTICULTURE	(133-M609)	33,204.00
237.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN POLYSILANE: CHEMICAL BONDING AND HIGH PLOYMERS MSN L&S CHEMISTRY	(133-M615)	40,049.00
238.	NATIONAL MULTIPLE SCLEROSIS SOCIETY NEW YORK, NY FUNCTIONAL CAPACITIES OF TRANSPLANTED MYELINATING CELLS FOR THE PERIOD 04-01-88 THRU 03-31-90 AWARD # RG 1990-A-2 MSN VET M MEDICAL SCIENCES	(133-M616)	45,552.00
239.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC PHASE-TRANSFER CONFORMATIONAL AMPHIPHILES FOR THE PERIOD 04-01-88 THRU 08-31-90 AWARD # PRF 19887-G1 MSN L&S CHEMISTRY	(133-M619)	18,000.00
240.	NATIONAL MIGRANT REFERRAL PROJECT, INC. AUSTIN, TX ESTIMATES OF MIGRANT AND SEASONAL FARMWORKER POPULATION IN IOWA, NEBRASKA, KANSAS AND MISSOURI MSN AG&LSC RURAL SOCIOLOGY	(133-M620)	10,000.00
241.	CONTROLLED GROWTH TECHNOLOGIES, INC. SASKATOON, SASKATCHEWAN, CANADA CULTIVATION OF THE SHIITAKE MUSHROOM MSN L&S BOTANY	(133-M621)	3,296.00
242.	MILK SPECIALTIES CO. DUNDEE, IL ECONOMIC AND PRODUCTIVE MERITS OF ENERGY SUPPLEMENTATION FOR CALVES DURING COLD STRESS MSN AG&LSC DAIRY SCIENCE	(133-M625)	3,650.00
243.	CORN PRODUCTS SUMMIT-ARGO, IL CONTROL OF CLOSTRIDIUM BOTULINUM IN ACIDIFIED WET CORN GLUTEN FEED FOR THE PERIOD 01/15/88 THRU 07/31/88 MSN AG&LSC FOOD MICRO&TOXIC	(133-M628)	12,000.00
244.	WORLD WILDLIFE FUND-US WASHINGTON, DC THE ECOLOGY AND BIOLOGY OF THE COTTON-TOP TAMARIN (SAGUNUS O. OEDIPUS) IN COLUMBIA FOR THE PERIOD 01-01-88 THRU 09-30-88 AWARD # 6367 MSN L&S PSYCHOLOGY	(133-M649)	4,995.00

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245.	SIGMA-TAU INDUSTRIE FARMACEUTICHE RUINITE SPA ROME, ITALY RESEARCH IN THE METHODS OF L-CARNETINE SYNTHESIS MSN HS-PHR PHARMACY (133-M653)	216,000.00
246.	UNIVERSITY OF WISCONSIN FOUNDATION DUPONT WEED SCIENCE MSN AG&LSC AGRONOMY (133-M655)	6,000.00
247.	NAUTILUS RESEARCH CORPORATION MADISON, WI A RANDOMIZED DOUBLE-BLIND STUDY TO DETERMINE THE EFFECTIVENESS OF CARBETAPENTANE CITRATE COMPARED TO PLACEBO IN CHRONIC BRONCHITICS WITH CHRONIC COUGH MSN HS-MED MEDICINE PULMON MED (133-M656)	8,000.00
248.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY SPINAL CORD PEPTIDASE AND NEUROFILAMENT PROTEINS IN ALS FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN HS-MED NEUROLOGY (133-M658)	32,585.00
249.	SEARLE (G.D.) & CO. SKOKIE, IL A MULTICENTRE, RANDOMISED, DOUBLE-BLIND PARALLEL GROUP DOSE RESPONSE STUDY OF MILACEMIDE IN PATIENTS WITH MOOD DISORDERS MSN HS-PSY PSYCHIATRIC INST (133-M661)	26,000.00
250.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SMALL BUSINESS DEVELOPMENT CENTER MSN BUS MANAGMENT INSTIIT SM BUS DVL (133-M662)	150.00
251.	WISC DEPT OF NATURAL RESOURCES MADISON, WI TROUT STREAM AND WATER QUALITY MANAGEMENT ANALYSIS FOR THE PERIOD 02-18-88 THRU 07-31-88 AWARD # NRH 96422 MSN L&S URBAN & REG PLAN (133-M666)	2,500.00
252.	ILLINOIS DEPARTMENT OF MENTAL HEALTH & DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL ST. COLETTA - RESIDENTIAL FACILITIES MONITORING SERVICE CONTRACT FOR THE PERIOD 08-01-87 THRU 06-30-88 MSN L&S SOCIAL WORK (133-M668)	2,000.00
253.	PFIZER PHARMACEUTICALS NEW YORK, NY DOUBLE-BLIND PARALLEL COMPARISON OF SM-3997 AND PLACEBO IN OUTPATIENTS WITH PANIC DISORDER MSN HS-PSY PSYCHIATRIC INST (133-M679)	147,648.00

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254.	HOWELL (ETTA H) ESTATE LONG BEACH, CA ETTA H HOWELL CANCER RESEARCH FUND MSN HS-MED ONCOLOGY	(133-0555)	4,800.00
255.	KOHLER FOUNDATION INC. KOHLER, WI MARIE CHRISTINE KOHLER FELLOWSHIP MSN GRAD ADMINISTRATION ADMIN	(133-2002)	11,500.00
256.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	75.00
257.	COLLEGE OF AGRICULTURAL AND LIFE SCIENCES DATA PROCESSING ACCOUNT MSN AG&LSC AG ECONOMICS	(133-4821)	
	1,350.00 SHEA & GARDNER WASHINGTON, DC		
	390.00 MULTIPLE DONORS		
			1,740.00
258.	CARL J. HERZOG FOUNDATION STAMFORD, CT DERMATOLOGY RESEARCH MSN HS-MED MEDICINE DERMATOLGY	(133-4911)	6,000.00
259.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	1,000.00
260.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	725.00
261.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SMONGESKI RESEARCH PROFESSORSHIP IN THE LAW SCHOOL MSN LAW LAW SCHOOL	(133-7687)	33,067.00
262.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	2,410.00
263.	MULTIPLE DONORS CYSTIC FIBROSIS RESEARCH MSN HS-MED PEDIATRICS	(133-8586)	350.00
264.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND TRAINING PROGRAM MSN AG&LSC N R-WILDLIF ECOL	(133-8598)	17,554.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

265.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY	(133-9268)	3,000.00
266.	HOLSTEIN ASSOCIATION BATTLEBORO, VT HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	3,400.00
267.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR MECHANICS	(133-9653)	9,000.00
268.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY PROGRAM MSN ENGR ENGR EXPER STA FUSION TEC	(133-9977)	56,000.00

STUDENT AID

1.	KOHLER FOUNDATION, INC KOHLER, WI KOHLER FAMILY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	3,029.00
2.	CONTINENTAL ILLINOIS CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	8,588.24
3.	VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(TRUST)	
	400.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 JANESVILLE BELOIT KENNEL CLUB JANESVILLE, WI		1,400.00
4.	ROTTER, EARLE J. M.D. BOCA RATON, FL SISK, DR. IRA--MEMORIAL FUND MSN HS-MED SURGERY UROLOGY	(TRUST)	100.00
5.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK, WILLIAM T. TRUST BLEYER, WILLARD G.--JOURNALISM SCHOLARSHIP #2 MSN L&S JOURN & MASS COM	(TRUST)	2,001.62

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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

6.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK, WILLIAM T. TRUST JOURNALISM SCHOLARSHIP FUND MSN L&S JOURN & MASS COM	(TRUST)	2,848.46
7.	FIRST WISCONSIN-MADISON MADISON, WI COMSTOCK, WILLIAM T. TRUST COMSTOCK, SCHOLARSHIP FUND IN CONSERVATION MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	1,424.22
8.	NELSON, MARGARET MADISON, WI ACCOUNT TO SUPPORT LOW COST MEDICAL STUDENT LOANS. MEDICAL SCHOOL LOW COST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	100.00
9.	MULTIPLE DONORS RUSSO, DR. VINCENT--SCHOLARSHIP MSN HS-MED	(TRUST)	25.00
10.	PEOPLES BANK AND TRUST COMPANY WATERLOO, IA WISE, MINNIE TRUST BATES, KIRK MONROE--LOAN FUND MSN L&S JOURN & MASS COM	(TRUST)	26.08
11.	POSER, R. F. M.D. COLUMBUS, WI MIDDLETON, WILLIAM S.--MEMORIAL MSN HS-MED ADMINISTRATION STU AFFAIR	(TRUST)	300.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAUNSCHILD, LYMAN C. WOODRUFF, JEANNE HAUNSCHILD--STUDENT ASSISTANCE MSN HS-NUR	(TRUST)	200.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DRESEL, HANS F.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	75.00
14.	WEIGLE, DICK--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	
	100.00 WEIGLE, DOROTHY J. MADISON, WI		
	100.00 CUNA MUTUAL CHARITABLE FOUNDATION MADISON, WI		
			200.00

GIFTS, GRANTS AND CONTRACTS
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STUDENT AID

15.	FURSTENBERG, NANCY E. ANN ARBOR, MI DICKIE, DR. HELEN--LOAN FUND MSN HS-MED	(TRUST)	500.00
16.	CURTIS, MARGARET M. MADISON, WI CURTIS, DR. JOHN--MEMORIAL FUND MSN HS-MED	(TRUST)	1,000.00
17.	MULTIPLE DONORS BARAD, RICHARD M.--MEMORIAL FUND MSN HS-MED FAM MED & PRACT	(TRUST)	3,100.00
18.	DELMONTE, MICHELE K.--MEMORIAL SCHOLARSHIP IN NURSING MSN HS-NUR	(TRUST)	
	100.00 DEL MONTE, DR. MONTE & KRISTEN ANN ARBOR, MI		
	200.00 DELMONTE, ANTHONY & JOYCE BROOKFIELD, WI		
			300.00
19.	REAM, EUNICE AND HOWARD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	
	400.00 MULTIPLE DONORS SEVEN INDIVIDUALS FROM THAILAND		
	200.00 SHEATS, HELEN TAYOR TRUSTEE SANTA MONICA, CA		
			600.00
20.	GRINDELL, DR. JAMES A. ESTATE SAN DIEGO, CA MARY KAUFMAN, EXECUTOR INCOME FOR SCHOLARSHIPS TO NEEDY MEDICAL STUDENTS GRINDELL, DR. JAMES A.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	439,913.41
21.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$7,438,002.00 AWARD # PO08702947, MOD. 9 MSN G SERV FELLOWS & SCHOLS	(148-A087)	1,050.00-
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS	(133-F731)	1,200.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

23.	EMPLOYERS INSURANCE OF WAUSAU WAUSAU, WI H.J. HAGGE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-G543)	5,000.00
24.	MYRON KUHLMAN BEAUMONT, TX RUTH MILLER KUHLMAN SCHOLARSHIP MSN L&S CLASSICS	(133-G890)	1,800.00
25.	WELDER (ROB & BESSIE) WILDLIFE FOUNDATION SINTON, TX FOOD SELECTION AND NUTRITIONAL ECOLOGY OF BLUE GROUSE DURING WINTER MSN AG&LSC N R-WILDLIF ECOL	(133-H909)	8,500.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR MECHANICAL ENGR	(133-J551)	5,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS	(133-J797)	2,185.00
28.	MULTIPLE DONORS WISCONSIN CONGRESS ON AGING SCHOLARSHIP FUND MSN OUTRCH CE-HLTH SV HLTH&H ISS	(133-K189)	50.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI YUMANE SCHOLARSHIP MSN L&S ECONOMICS	(133-K745)	9,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE AND MARGARET MEEK BISHOP SCHOLARSHIP FUND MSN L&S ECONOMICS	(133-L062)	500.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	2,985.00
32.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC PMA PREDOCTORAL FELLOWSHIP FOR THE PERIOD 01-01-87 THRU 12-31-88 MSN HS-MED PHARMACOLOGY	(133-L152)	1,666.25
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC MERIT SCHOLARSHIP MSN L&S ECONOMICS	(133-L290)	100.00

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STUDENT AID

34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP (133-L349)	3,500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ORSON MORSE SCHOLARSHIP MSN L&S HISTORY (133-M612)	1,250.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFF (133-M663)	27,867.20
37.	MINNESOTA MINING AND MANUFACTURING COMPANY ST PAUL, MN 3M SCHOLARSHIPS IN SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS (133-M665)	4,500.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES D. SHAW AND DOROTHY SHAW - MILWAUKEE FOUNDATION MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL (133-0025)	56,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ATHLETIC SCHOLARSHIPS MSN ATH GENERAL OPERATNS ADMIN (133-0498)	116,000.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING FELLOWSHIP MSN ENGR CHEMICAL ENGR (133-0814)	4,000.00
41.	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)	12,577.50
42.	MADISON ANTI-TUBERCULOSIS & RESPIRATORY DISEASE ASSOCIATION MADISON, WI RICHARD HARTENSTEIN RESEARCH FELLOW IN DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE HEMATOLOGY (133-4495)	800.00
43.	MULTIPLE DONORS AWARDS TO OUTSTANDING STUDENTS IN GYNECOLOGY AND OBSTETRICS MSN HS-MED OBSTET & GYNECOL (133-4875)	400.00

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STUDENT AID

44.	WISCONSIN HATCHERIES ASSOCIATION MADISON, WI WISCONSIN HATCHERIES SCHOLARSHIP PROGRAM MSN AG&LSC ACAD STU AFF ADM (133-6210)	600.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DENNIS AND MARTHA WHARTON FELLOWSHIP IN BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY (133-7127)	4,000.00
46.	OPERA PROPS UNIVERSITY OF WISCONSIN MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-7137)	900.00
47.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-8354)	1,990.82
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR (133-8872)	2,000.00
49.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI TEN SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY IN THE SCHOOL OF NURSING RE- DUCED TO REFLECT ENROLLMENT OF ONLY SEVEN STUDENTS MSN HS-NUR ADMINISTRATION ADMIN (133-8956)	660.00
50.	ANONYMOUS DONOR M.E.O. FUND FOR FELLOWSHIP SUPPORT OF A GRADUATE STUDENT FROM ASIA OR AFRICA WORKING TOWARD A PH.D. AT THE GRADUATE SCHOOL IN MADISON IN THE FIELDS OF HISTORY, POLITICAL SCIENCE, EDUCATION, SOCIOLOGY, ECONOMICS OR AGRICULTURAL ECONOMICS MSN GRAD (133-9569)	4,240.00
51.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-9594)	645.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

EXTENSION AND PUBLIC SERVICE

1. SMALL BUSINESS ADMIN
CHICAGO, IL
MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE
FOR THE PERIOD 10-01-87 THROUGH 12-31-88
AWARD # SBA-2598-BD-87
MIL DOCE BUSINESS & MGMNT SM BUS DVL (144-AD83) 2,000.00

GIFT-IN-KIND

1. UWM FOUNDATION
MILWAUKEE, WI
A GIFT OF OIL PAINTING "NET MENDERS" 1961
BY ROBERT VON NEUMAN DONATED TO THE FINE
ARTS MUSEUM
MIL F ARTS ADMINISTRATION ADMIN
2. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF ART WORKS DONATED TO FINE ARTS
MUSEUM
MIL F ARTS ADMINISTRATION ADMIN
3. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF ART BOOKS AND CATALOGUES DONATED TO
THE FINE ARTS MUSEUM
MIL F ARTS ADMINISTRATION ADMIN
4. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF MEDIEVAL WOOD SCULPTURE AND BYZANTINE
ENAMEL ON GOLD CLOISONNE MEDALLION DONATED TO THE
FINE ARTS MUSEUM
MIL F ARTS ADMINISTRATION ADMIN
5. RUTH HOKANSON
MILWAUKEE, WI
GIFT OF OCCUPATIONAL THERAPY JOURNALS FROM
1953-87 FOR THE OCCUPATIONAL THERAPY PROGRAM
DONATED TO THE OCCUPATIONAL THERAPY DEPARTMENT
AWARD # NONE
MIL A H P OCCUP THERAPY
6. THE UWM FOUNDATION, INC.
(MARVIN L. FISHMAN)
MILWAUKEE, WI
GIFT OF A CERAMIC SCULPTURE BY PAUL DONHAUSER
DONATED TO THE FINE ARTS MUSEUM
AWARD # NONE
MIL F ARTS ADMINISTRATION ADMIN
7. VARIOUS DONORS
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED TO
THE GOLDA MEIR LIBRARY
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

8. UWM FOUNDATION, INC.
MILWAUKEE, WI
GIFT OF AN OIL PAINTING ON CANVAS
"LITTLE ELEPHANT" BY MILTON RESNICK DONATED
TO THE UWM FINE ARTS MUSEUM.
AWARD # NONE
MIL F ARTS ADMINISTRATION ADMIN

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) SPECIAL EDUCATORS: SPEECH-LANGUAGE TRAINING
OPPORTUNITY PROGRAM FOR MINORITY AND/OR
DISADVANTAGED STUDENTS (STIPENDS)
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GO08630310-88
MIL A H P SPCH PATH & AUD (144-AE73) 28,847.00
- 2) SPECIAL EDUCATORS: SPEECH-LANGUAGE TRAINING
OPPORTUNITY PROGRAM FOR MINORITY AND/OR
DISADVANTAGED STUDENTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # BO08630310-88
MIL A H P SPCH PATH & AUD (144-AE74) 65,340.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WIT AND VITRIOL: HOGARTH AND THE POLITICS OF
HIS TIME.
FOR THE PERIOD 02-01-88 THROUGH 12-31-88
AWARD # FY87-64(L)
MIL F ARTS UWM ART MUSEUM ART MUSEUM (144-AE61) 1,500.00
3. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
RAINBOW EXPERIENCE IN THE ARTS (PRE-COLLEGE
MINORITY SCHOLARSHIP PROGRAM)
MIL F ARTS INSTIT CHMBR MUS CHMBR MUS (133-K582) 12,462.00
4. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
PRE-COLLEGE CENTER INSTRUCTIONAL PROGRAM
SCHOLARSHIPS
AWARD # CHK. NO. A7124270 & 268
MIL AC AFF PRE-COLLEGE CTR (133-K705) 36,067.00
5. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
PRE-COLLEGE CENTER RESIDENTIAL PROGRAM
SCHOLARSHIPS
AWARD # CHK. #A7124268
MIL AC AFF PRE-COLLEGE CTR (133-K706) 10,751.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

6. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
GATEWAY TO ENGINEERING AND SCIENCE TECHNOLOGY
SCHOLARSHIP PROGRAM
AWARD # CK. #A7124268
MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-K728) 13,943.00
7. UWM FOUNDATION
(ACCT. 845.0)
MILWAUKEE, WI
SCIENCE BAG (GENERAL)
MIL L&S PHYSICS (133-L610) 1,000.00

MISCELLANEOUS

1. HIGHER EDUCATION CABLE CONSORTIUM
MILWAUKEE, WI
OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR
HECC
FOR THE PERIOD 01/01/87 THROUGH 08/15/88
MIL ED COM PROJECTS SP P2-HECC (133-L344) 1,655.90
2. UWM FOUNDATION
MILWAUKEE, WI
MEN'S AND WOMEN'S SWIMMING S&E
MIL STU AF INTRCL ATH-WOMEN SWIMMING (133-M587) 500.00
3. GENERAL ELECTRIC
FT. MYERS, FL
INDUSTRY/STUDENT TEAM DESIGN COURSE
MIL ENG&AS MECHANICAL ENGR (133-8722) 2,070.75

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
WASHINGTON, DC
INTEREST SUBSIDY GRANT FOR MITCHELL HALL
REMODELING
FOR THE PERIOD 02-01-83 THROUGH 02-01-88
AWARD # 5-5-00675-0
MIL ADM AF ASST CHAN OFFICE (144-P831) 13,480.00
2. HOUSING AND URBAN DEVELOPMENT, DEPT OF
WASHINGTON, DC
1987/88 INSTALLMENT, INTEREST SUBSIDY GRANT FOR
THE CONSTRUCTION OF SANDBURG RESIDENCE HALLS-
NORTH TOWER.
FOR THE PERIOD 12-01-71 THROUGH 06-01-99
AWARD # CH WIS 133 (D)
MIL ADM AF ASST CHAN OFFICE 51,364.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. EASTERN SHORES LIBRARY SYSTEM/DED
SHEBOYGAN, WI
PRIME CONTRACTOR WITH DED
PLANNING LIBRARY SERVICES TO USERS WITH SPECIAL
NEEDS
FOR THE PERIOD 01-04-88 THROUGH 04-30-88
MIL L&I SC SCH-LIB&INF SCI (144-AE60) 4,709.04
2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) MECHANISMS OF METHYL TRANSFERS IN ACETYL-COA
SYNTHESIS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 1 R29 GM39451-01
MIL L&S CHEMISTRY (144-AD69) 105,378.00
 - 2) PROCESSES ENABLING LIFESTYLE CHANGE FOR HEALTH
PROMOTION
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 F31 NRO6060-02
MIL NURS FNDRNS OF NURS'G FNDR NURS' (144-AD79) 10,552.00
3. UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN
URBANA, IL
PRIME CONTRACTOR WITH DHHS PHS NIH
SPIN LABELS IN LIVING CELLS DISTRIBUTION AND
REACTIONS
FOR THE PERIOD 06-01-86 THROUGH 08-31-88
AWARD # 86-126
MIL L&S CHEMISTRY (144-YO13) 16,834.00
4. 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) 152,682.00
 - 2) BULK WAVE CHARACTERIZATION OF HIGH TC
SUPERCONDUCTORS
FOR THE PERIOD 04-01-88 THROUGH 12-31-90
AWARD # N00014-88-K-0046
MIL L&S PHYSICS (144-AE62) 100,000.00
5. NATIONAL AERONAUTICS AND SPACE ADMIN
HUNTSVILLE, AL
TURBULENCE MODELING AND ITS APPLICATION TO THE
SPACE SHUTTLE ENGINE SYSTEM
FOR THE PERIOD 01-29-87 THROUGH 01-28-89
AWARD # NAG8-617, SA1
MIL ENG&AS MECHANICAL ENGR (144-Y537) 26,561.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

6.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC HISTORICAL FLUXES OF POLLUTANTS FROM DECONVOLUTION OF SEDIMENTARY RECORDS FOR THE PERIOD 05-01-87 THROUGH 10-31-89 AWARD # CES-8701184-01 MIL ENG&AS CIVIL ENGINEER'G	(144-Z256)	102,901.00
7.	TRANSPORATION, DEPT OF WASHINGTON, DC REPAIR OF HP 9845 DESKTOP COMPUTER USED IN CONTRACT DTFH61-87-C00041 AWARD # DTFH61-88-P-00272 MIL ENG&AS ELEC ENGR&COMP S	(144-AD81)	4,000.00
8.	THE SCIENCE MUSEUM OF MINNESOTA ST. PAUL, MN RESEARCH AND MANUSCRIPT PREPARATION MIL L&S PHYSICS	(133-A447)	600.00
9.	THE SCIENCE MUSEUM OF MINNESOTA ST. PAUL, MN RESEARCH AND MANUSCRIPT PREPARATION MIL L&S PHYSICS	(133-A448)	600.00
10.	WISCONSIN SOCIETY FOR JEWISH LEARNING MILWAUKEE, WI HOLOCAUST RESEARCH AND INFORMATION PROJECT MIL L&S COMPARATIVE LIT	(133-F437)	2,500.00
11.	DR. ULRICH SPECK, SHERING AG BERLIN, WEST GERMANY UNRESTRICTED RESEARCH OF PROF. GEORGE SOSNOVSKY IN THE DEPARTMENT OF CHEMISTRY MIL L&S CHEMISTRY	(133-J653)	9,297.93
12.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONRY RESEARCH MONIES MIL ENG&AS MATERIALS	(133-J671)	5,000.00
13.	ANONYMOUS WHITEFISH BAY, WI DISCRETIONARY RESEARCH - CENTER FOR GREAT LAKES STUDIES MIL GRAD GT LKS ST, CTR F	(133-L119)	272.40
14.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI INTERNATIONAL LABORATORY FOR VISITOR STUDIES MIL L&S PSYCHOLOGY	(133-L165)	5,000.00
15.	A.O. SMITH MILWAUKEE, WI JET CUTTING SAMPLE FOR THE PERIOD 11/10/87 THROUGH 11/17/87 MIL ENG&AS MECHANICAL ENGR	(133-L540)	550.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

16.	UWM FOUNDATION (ARCHAEOLOGY LAB ACCT. #826) MILWAUKEE, WI DISCRETIONARY RESEARCH ACCOUNT MIL L&S ANTHROPOLOGY	(133-L607)	821.60
17.	ASSOCIATION OF COLLEGIATE SCHOOLS OF ARCHITECTURE WASHINGTON, DC THE DEVELOPMENT OF ENVIRONMENTAL DESIGN GUIDELINES FOR DEMENTIA PATIENTS FOR THE PERIOD 09/01/87 THROUGH 01/17/88 MIL ARC&UP ARCH&U P RES CTR	(133-M126)	10,000.00
18.	REXNORD MILWAUKEE, WI COMPRESSIVE TESTING AWARD # CHECK NO. EO4719 MIL ENG&AS CIVIL ENGINEER'G	(133-M197)	450.00
19.	MILWAUKEE COUNTY MILWAUKEE, WI MILWAUKEE LAKEFRONT TERRACE CONSULTING SERVICES FOR THE PERIOD 08/19/87 THROUGH 05/15/88 AWARD # PROJECT NO. 06-4049 MIL ARC&UP ARCH&U P RES CTR	(133-M349)	18,800.00
20.	FOUNDATION OF RECORD EDUCATION OF THE AMERICAN MEDICAL RECORD ASSOCIATION CHICAGO, IL PERCEPTIONS OF MEDICAL RECORD PRACTITIONERS BY PHYSICIANS, HOSPITAL ADMINISTRATORS AND FINANCIAL OFFICERS AWARD # CK 1767 MIL A H P MED RECRDS ADMIN	(133-M582)	2,000.00
21.	UWM FOUNDATION MILWAUKEE, WI CONCRETE/CEMENT R&D LABORATORY FUND MIL ENG&AS CIVIL ENGINEER'G	(133-M595)	2,500.00
22.	MOLECULAR BIOLOGY RESOURCES, INC MILWAUKEE, WI SUPPORT UNRESTRICTED RESEARCH FOR DR. GERALD BERGTROM MIL L&S BIOLOGICAL SCI BIOL SCI'S	(133-M596)	1,000.00
23.	COUNCIL OF LIBRARY RESOURCES WASHINGTON, DC A SURVEY OF INFORMATION - SEEKING BEHAVIOR AND INFORMATION NEEDS OF RESEARCHERS IN WOMEN'S STUDIES FOR THE PERIOD 01/01/88 THROUGH 04/01/89 MIL GRAD WOMEN'S STUDIES	(133-M610)	3,000.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

24. ACTION 2000
MILWAUKEE, WI
A FIVE YEAR ASSESSMENT OF MILWAUKEE GOALS/ACTION
2000
MIL GRAD URBAN RESRCH CTR (133-M617) 2,893.05
25. AMERICAN HEART ASSOCIATION
MILWAUKEE, WI
CONCERNS AND PSYCHOSOCIAL ADJUSTMENT: VIEWS OF
PATIENTS WITH RECURRENT VENTRICULAR DYSRHYTHMIAS
AND THEIR SPOUSES
FOR THE PERIOD 07/01/88 THROUGH 06/30/89
AWARD # 88-GA-16
MIL NURS HLTH RESTORATION (133-M622) 5,000.00
26. APPLETON MEDICAL CENTER
APPLETON, WI
COPING WITH URINE CONTROL BY OLDER ADULTS IN THE
APPLETON MEDICAL CENTER AGEWISE PROGRAM
FOR THE PERIOD 01/01/88 THROUGH 12/31/88
MIL NURS FNDTNS OF NURS'G FNDT NURS' (133-M623) 12,469.00
27. WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
BIBLIOGRAPHY OF TARGUM LITERATURE, VOL III
MIL L&S HEBREW STU (133-M654) 2,000.00
28. UWM FOUNDATION
MILWAUKEE, WI
DISCRETIONARY USE
MIL ENG&AS CIVIL ENGINEER'G (133-M659) 1,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # PO08802948
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B088) 1,098,984.00
2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
TODDLER'S DEVELOPMENT OF TOILETING SKILLS
(FELLOWSHIP)
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 F31 NRO5946-02 SRC
MIL NURS FNDTNS OF NURS'G FNDT NURS' (144-AD48) 10,552.00
3. GIFTS TO UWM TRACK & CROSS COUNTRY
MIL STU AF INTRCOL ATHL-MEN TRACK (133-D743)
- 100.00 JOAN MARKEL
MILWAUKEE, WI
306.00 VARIOUS
MILWAUKEE, WI
210.00 VARIOUS
MILWAUKEE, WI

616.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

4. UWM FOUNDATION		
MILWAUKEE, WI		
MEN'S BASKETBALL SCHOLARSHIP		
MIL STU AF INTRCOL ATHL-MEN BASKETBALL (133-M593)		3,660.00
TOTAL MILWAUKEE		1,964,163.67
		=====
EXTENSION AND PUBLIC SERVICE	2,000.00	
INSTRUCTION	169,910.00	
MISCELLANEOUS	4,226.65	
PHYSICAL PLANT	64,844.00	
RESEARCH	609,371.02	
STUDENT AID	1,113,812.00	

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

- | | | | |
|----|--|------------|-----------|
| 1. | JUSTICE, DEPT OF
WASHINGTON, DC
LAW RELATED EDUCATION
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # USDJ-87-WI
EAU EDUC FOUNDATNS OF ED | (144-8069) | 8,000.00 |
| 2. | CRAY RESEARCH INC
CHIPPEWA FALLS, WI
SCIENCE TEACHERS WORKSHOP
FOR THE PERIOD 11/01/87 THRU 10/31/88
AWARD # CRI-588
EAU ART&SC PHYS & ASTRONOMY | (133-8058) | 10,000.00 |
| 3. | INDIANA UNIVERSITY
BLOOMINGTON, IN
MIDWEST UNIVERSITY CONSORTIUM FOR
INTERNATIONAL ACTIVITIES
FOR THE PERIOD 07/01/87 THRU 06/30/88
AWARD # MUCIA-87-88
EAU ART&SC DEAN-ARTS & SCI | (133-8059) | 61,540.00 |
| 4. | CRAY RESEARCH INC
CHIPPEWA FALLS, WI
PHYSICS/SCIENCE TEACHER WORKSHOP
FOR THE PERIOD 09/15/87 THRU 09/14/88
EAU ART&SC PHYS & ASTRONOMY | (133-8068) | 10,000.00 |

RESEARCH

- | | | | |
|----|--|------------|-----------|
| 1. | DOD, AIR FORCE
WASHINGTON, DC
COMPREHENSIVE LIPOPROTEIN ANALYSIS BY HIGH
PERFORMANCE MOLECULAR EXCLUSION CHROM
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AWARD # S-760-7MG-043
EAU ART&SC CHEMISTRY | (144-8067) | 20,000.00 |
| 2. | NORTHERN STATES POWER COMPANY
EAU CLAIRE, WI
STATISTICAL ANALYSIS/VOLTAGE AND WEATHER
ON ENERGY LEVELS
FOR THE PERIOD 01/01/87 THRU 12/31/88
AWARD # W-52884
EAU ART&SC MATHEMATICS | (133-8057) | 18,500.00 |

STUDENT AID

- | | | | |
|----|---|-----------|-----------|
| 1. | EDUCATION, DEPT OF
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN FY87-88
FOR THE PERIOD 09-22-87 THROUGH 06-30-88
AWARD # PO08834551
EAU ST AST NATL DIR STU LNS | (LOANS) | 11,321.00 |
|----|---|-----------|-----------|

TOTAL EAU CLAIRE	139,361.00
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INSTRUCTION	89,540.00
RESEARCH	38,500.00
STUDENT AID	11,321.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. WISCONSIN ACADEMY OF SCIENCES,
ARTS AND LETTERS
MADISON, WI
PRIME CONTRACTOR WITH NSF
CHAUTAUQUA TEACHER TRAINING PROGRAM
FOR THE PERIOD 07-01-84 THROUGH 08-31-87
AT A TOTAL COST OF \$28,021.01
AWARD # AGR DTD 10-10-84, MOD. 1
GBY I RES ADMINISTRATION (144-U970) 11,121.01

MISCELLANEOUS

1. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
MIDWEST OPERA THEATRE 10-09-87
FOR THE PERIOD 10-01-86 THROUGH 05-06-88
AWARD # AGR DTD 05-19-86, MOD. 1
GBY AC PRG ARTS & PRFORMNCS (144-Y495) 4,221.00

2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
COFRIN MEMORIAL ARBORETUM
GBY FCL PL ADMINISTRATION (133-B653) 11,400.00

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

209.00 UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI

619.50 UNIVERSTIY OF WISCONSIN FOUNDATION
MADISON, WI

828.50

RESEARCH

1. SMALL BUSINESS ADMIN
CHICAGO, IL
MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE
FOR THE PERIOD 10-01-86 THROUGH 12-31-88
AT A TOTAL COST OF \$26,400.00
AWARD # SBA-2595-BD-87, MOD. 2
GBY I I A SM BUS DVLP CTR S B INSTIT (144-Z667) 4,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,636,684.00
AWARD # PO08802950, MOD. 2
GBY ST AID FEL & SCHOL-AOG (148-D088) 191,612.00

TOTAL GREEN BAY 223,182.51

INSTRUCTION 11,121.01
MISCELLANEOUS 16,449.50
RESEARCH 4,000.00
STUDENT AID 191,612.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

GIFT-IN-KIND

1. MERCURY MARINE
OSHKOSH, WI
NICOLET 411B FFT ANALYZER, NICOLET 401B SIGNAL
CONDITIONER, HEWLETT PACKARD 136A X-Y PLOTTER AND
RACK, POSER SUPPLY AND RELATED EQUIPMENT. ALL FOR
USE BY THE PHYSICS DEPARTMENT.
OSH L&S PHYS-ASTRONOMY

2. MR. AND MRS. FRANZ BOSCHWITZ
OSHKOSH, WI
BEAULIEAU R-16 16MM MOVIE CAMERA WITH 17-68 LENS
AND CARRYING CASE, PLUS OTHER ACCESSORIES. FOR USE
BY THE RADIO-TV FILM DEPARTMENT.
OSH L&S RADIO-TV-FILM

3. GENIEVE MERKLING
OSHKOSH, WI
1 BELL AND HOWELL SPECIALIST 16MM MOTION PICTURE
PROJECTOR FOR USE BY THE RADIO-TV FILM DEPARTMENT.
OSH L&S RADIO-TV-FILM

4. WISHBONE WOODWORKS
MAZOMANIE, WI
600 WALNUT AND SAMPLE WOOD PIECES FOR USE BY THE
ART DEPARTMENT.
OSH L&S ART

TOTAL OSHKOSH

.00

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GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

- | | | | |
|----|--|------------|-----------|
| 1. | KENOSHA UNIFIED SCHOOL DISTRICT NO. 1
KENOSHA, WI
REGIONAL STAFF DEVELOPMENT CENTER
PKS G E A CHANCELLORS OFF ADMIN | (133-L125) | 23,921.00 |
| 2. | KENOSHA UNIFIED SCHOOL DISTRICT NO. 1
KENOSHA, WI
REGIONAL STAFF DEVELOPMENT CENTER
PKS G E A CHANCELLORS OFF ADMIN | (133-M577) | 45,000.00 |

MISCELLANEOUS

- | | | | |
|----|---|------------|-----------|
| 1. | SMALL BUSINESS ADMIN
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | MANAGEMENT COUNSELING & TECHNICAL ASSISTANCE TO
SMALL BUSINESS CONCERNS
FOR THE PERIOD 10-01-87 THROUGH 12-31-88
AWARD # SBA-2600-BD-87
PKS MOD IN BUS & ADMIN SCI BUS OUTRCH | (144-AE63) | 2,000.00 |
| 2) | MANAGEMENT COUNSELING & TECHNICAL ASSISTANCE TO
SMALL BUSINESS CONCERNS (NO CASES HANDLED-FULL
AWARD OF \$3,600 RETURNED TO AGENCY.)
FOR THE PERIOD 10-01-86 THROUGH 12-31-87
AWARD # SBS-2600-BD-87, MOD. 1
PKS MOD IN BUS & ADMIN SCI BUS OUTRCH | (144-Z445) | 3,600.00- |
| 2. | 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) | 100.00 |
| 3. | INDUSTRIAL FILTER & PUMP MFG. CO.
CICERO, IL
SUPPORT OF INSTRUCTION AND RESEARCH IN THE USE OF
THE SCANNING ELECTRON MICROSCOPE AT UW-PARKSIDE
PKS SC&SOC SCIENCE GEOLOGY | (133-9575) | 1,000.00 |

RESEARCH

- | | | | | |
|----|---|------------|------------|-----------|
| 1. | IIT RESEARCH INSTITUTE
CHICAGO, IL
PRIME CONTRACTOR WITH DOD NAVY
A STUDY OF THE EFFECT OF EXPOSING THE SLIME MOLD
PHYSARUM POLYCEPHALEN TO ELECTRO MAGNETIC FIELDS
AT THE CLAM LKE TEST FACILITY
FOR THE PERIOD 11-01-87 THROUGH 10-31-88
AWARD # EO6595-88-C-009
PKS SC&SOC SCIENCE | BIOLOG SCI | (144-AD71) | 13,265.00 |
|----|---|------------|------------|-----------|

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

RESEARCH

2.	AMERICAN BRASS KENOSHA, WI CENTER FOR SURVEY AND MARKETING RESEARCH PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-G937)	1,800.25
3.	JOHNSON (S.C.) AND SON, INC. RACINE, WI RESEARCH IN THE FIELD OF ELECTROMAGNETIC AND DIELECTRIC MEASUREMENTS ON ANIMATE AND INANIMATE SYSTEMS PKS SC&SOC SCIENCE BIOLOG SCI (133-L319)	6,000.00
4.	UNIVERSITY OF CALIFORNIA, RIVERSIDE RIVERSIDE, CA EMPLOYEE-INTERCHANGE AGREEMENT FOR THE PERIOD 07-01-87 THRU 06-30-88 PKS SC&SOC BEHAVIORAL SCI SOC-ANTHRO (133-M228)	57,960.00
5.	UNIVERSITY OF DELAWARE NEWARK, DE INTERCHANGE AGREEMENT FOR THE PERIOD 01-01-88 THRU 05-31-88 PKS SC&SOC SOCIAL SCIENCE POL SCI (133-M545)	15,902.00

STUDENT AID

1.	GREENQUIST, KENNETH L. FAMILY TRUST RACINE, WI GREENQUIST, KENNETH L.--MEMORIAL SCHOLARSHIP (PKS) PKS BUS SV FELLOWS & SCHOLS (TRUST)	500.00
2.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS (133-C489)	32.00
3.	MULTIPLE DONORS ART SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS (133-G128)	12.00

TOTAL PARKSIDE	163,892.25
	=====

INSTRUCTION	68,921.00
MISCELLANEOUS	500.00-
RESEARCH	94,927.25
STUDENT AID	544.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

GIFT-IN-KIND

1. MR. & MRS. EARL SUMNER
RIVER FALLS, WI
AFRICAN GOBLET DRUM, KALUNGU-AFRICAN TALKING DRUM,
AFRICAN ISIGUBU-CYLINDRICAL DRUM, SURBAHAR SITAR-
LIKE INSTRUMENT FROM INDIA, 2 FOLK LUTES AND 1
BURMESE TRUMPET
RVF ART&SC MUSIC
2. MICHAEL AND MARJORIE MURPHY
BLACK CREEK, WI
SKIPS GOLDEN SILK, A REGISTERED PALOMINO GELDING
RVF AGRIC LABORATORY FARMS
3. MR. GARY BRAININ
LINCOLNSHIRE, IL
CHIGGER CODY; A QUARTER HORSE STALLION, TO BE A
BAR, A BAY STALLION; LADY TOPSAIL, A SURE CODY AND
ELOISE CREATION, QUARTER HORSE MARES
RVF AGRIC LABORATORY FARMS

INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
COMMUNITY EDUCATION FOR EXCELLENCE PROGRAM
FOR THE PERIOD 01-01-88 THROUGH 12-31-89
RVF EDUC DEP OF EDUCATION (144-0681) 13,000.00
2. SAUDI ARABIA
SAUDI ARABIA TRAINING PROJECT
FOR THE PERIOD 06-09-87 THRU 06-30-88
RVF AGRIC ANIMAL SCIENCE (133-0619) 4,680.00
3. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
GUIDE FOR AG/AGRIBUSINESS CURRICULA IN WISCONSIN
SECONDARY SCHOOLS, REVISION #7, PHASE III
FOR THE PERIOD 07-01-87 THRU 06-30-88
RVF AGRIC AGR EDUCATION (133-0632) 28,080.00
4. INDIANA UNIVERSITY
BLOOMINGTON, IN
SERVICES ON THE MUCIA/MALAYSIAN PROJECT
FOR THE PERIOD 01-01-88 THRU 07-31-88
RVF ART&SC MATH & COMP SYST (133-0640) 45,004.00

RESEARCH

1. RIDGEVIEW TECH
LACROSSE, WI
PROVIDE TESTING SERVICE ON FOOD SUBSTANCES
FOR THE PERIOD 10-21-87 THRU 06-30-88
RVF AGRIC ANIMAL SCIENCE (133-0608) 100.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

RESEARCH

2. I-SYSTEMS		
STILLWATER, MN		
I-SYSTEMS PHASE I SUPPORTIVE RESEARCH		
FOR THE PERIOD 01-01-88 THRU 12-31-88		
RVF ART&SC MATH & COMP SYST	(133-0614)	1,000.00
TOTAL RIVER FALLS		91,864.00
		=====
INSTRUCTION	90,764.00	
RESEARCH	1,100.00	

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - STEVENS POINT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
WASHINGTON, DC
SPECIAL SERVICES PROJECT
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # GO08740224
STP AC AFF EQUAL OPPOR PROG EQ OPP PRG (144-3313) 124,912.00
2. WI DEPT OF NATURAL RESOURCES
MADISON, WI
NONPOINT SOURCE PRIORITY WATERSHED PROGRAM
EDUCATION GRANT
FOR THE PERIOD 12/14/87 THRU 06/30/88
AWARD # 87-990004-E-00
STP CONR NATURAL RESOURCS NAT RESRCS (133-8469) 8,750.00

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL FUNDS PROGRAM FOR COOPERATIVE
EDUCATION
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
AWARD # Q00-87-24-1168
STP CONR NATURAL RESOURCS NAT RESRCS (144-8407) 4,586.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
PROGRAMMING GUIDE FOR TEACHERS OF EMOTIONALLY
DISTURBED STUDENTS
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # PAH 01297
STP COPS SCH OF EDUCATION (144-6307) 9,650.00
2. WI DEPT OF STATE ENERGY
MADISON, WI
FEASIBILITY STUDY FOR BOTH THE INCINERATION
OF PORTAGE COUNTY SOLID WASTE AND PRODUCTION
OF RFD WITH ENERGY RECOVERY FOR UWSP
FOR THE PERIOD 01/01/88 THRU 12/31/88
STP CONR PAPER SCIENCE (133-7403) 28,160.00
3. WI DEPT OF NATURAL RESOURCES
MADISON, WI
DNR NON-POINT SOURCE BIOTIC
INDEX MONITORING PROGRAM
FOR THE PERIOD 12/01/87 THRU 12/31/88
AWARD # NRH 96139
STP CONR NATURAL RESOURCS NAT RESRCS (133-8406) 23,679.00
4. RESEARCH CORPORATION
TUSCON, AZ
IONIC CONDUCTIVITY IN SILVER SULFIDE IODIDE -
SILVER SULFIDE BROMIDE ALLOYS
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # C-2303
STP COLS PHYSICS & ASTRON (133-8806) 14,600.00

TOTAL STEVENS POINT 214,337.00
=====

EXTENSION AND PUBLIC SERVICE	133,662.00
INSTRUCTION	4,586.00
RESEARCH	76,089.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN CHILDREN'S TRUST FUND
MADISON, WI
FAMILY SUPPORT CENTER: PARENT EDUCATION
PROGRAM
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # FDHE 0233
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (133-0439) 9,027.00

GIFT-IN-KIND

1. BARBER-COLMAN COMPANY
LOVES PARK, IL
ONE STAINLESS STEEL SINK, CALUMET BRAND
STO LIB RE MEDIA TECHNOLOGY
2. VWR SCIENTIFIC INC.
MINNEAPOLIS, MN
50 FEET OF METAL SHELVING FOR STORING EQUIPMENT,
CHEMICALS, ETC. THIS INCLUDED ALL SUPPORTS,
SHELVES, BOLTS, ETC.
STO LIB RE MEDIA TECHNOLOGY
3. AMF UNION MACHINERY
RICHMOND, VA
VIDEOTAPE CONTAINING VIDEO PRESENTATIONS ON
VARIOUS SEWING MACHINES.
STO H ECON APPAREL, TEX&DES
4. ILFORD PHOTO CORPORATION
OCONOMOWOC, WI
PHOTOGRAPHIC SUPPLIES AND MANY BOOKS INCLUDING
PHOTOGRAPHIC FILM AND PAPER FOR BLACK AND WHITE
PLUS COLOR CIBACHROME PRINT PAPER.
STO LIB RE MEDIA TECHNOLOGY
5. PRESTYPE, INC.
CARLSTADT, NJ
CHROMARAMA COLOR PAPER SERIES
STO H ECON APPAREL, TEX&DES
6. EAGLES PRINTING COMPANY
EAU CLAIRE, WI
FILM FONTS FOR COMPUGRAPHIC PHOTOTYPESETTER
STO I&TECH GRAPHIC COMMUNIC
7. BEATRICE-HUNT WESSON
MENOMONIE, WI
ONE SET OF SALMONELLA H ANTISERA, ONE SET OF
SALMONELLA O ANTISERA, ONE POUND BAIRD-PARKER AGAR
ONE POUND ANAEROBIC AGAR, AND 1680 GLASS PETRI
DISHES.
STO LIB ST BIOLOGY
8. ANONYMOUS
APPLE II PLUS COMPUTER, 2 DISK DRIVES, SANYO
COLOR MONITOR AND PANASONIC PRINTER.
STO I&TECH GRAPHIC COMMUNIC

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

- 9. U.S. DEPARTMENT OF ENERGY
RICHLAND, WA
ONE CASSETTE DECK, STEREO, TEAC CX-400, S/N 15981
11, ITEM NO. 015, REPORT NO. 11-02-87.
STO LIB RE INSTR TECH SVC

RESEARCH

- 1. MULTIPLE DONORS
EAU CLAIRE, WI
DEVELOPMENT OF INITIAL STRATEGIES FOR THE
PROMOTION, MARKETING, DISTRIBUTION AND
PACKAGING OF SHIITAKE MUSHROOMS
FOR THE PERIOD 01/01/88 THRU 08/31/88
AWARD # 9196-1-A-88
STO I&TECH MATLS & PROCS'S MAT & PROC (133-0421) 500.00
- 2. KOHLER CO
KOHLER, WI
KOHLER: GROUP HOUSING DESIGN PROJECT
FOR THE PERIOD 01/01/88 THRU 08/30/88
STO LIB ST ART (133-0422) 99,619.00

STUDENT AID

- 1. AMERICAN HOTEL FOUNDATION
NEW YORK, NY
AMERICAN HOTEL FOUNDATION SCHOLARSHIP
FOR THREE (3) UW-STOUT STUDENTS
FOR THE PERIOD 01/01/88 THRU 05/31/88
STO H ECON SCH-HOME EC ADM (133-0771) 1,500.00

TOTAL STOUT 110,646.00
=====

EXTENSION AND PUBLIC SERVICE 9,027.00
RESEARCH 100,119.00
STUDENT AID 1,500.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WOMEN'S HISTORY WEEK "FOUR DAYS OF
CELEBRATION"
FOR THE PERIOD 12-01-87 THROUGH 03-31-88
AWARD # FY87-53(L)
WTW L&S ENGLISH (144-0786) 1,500.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
ULTRASTRUCTURE AND LIFE CYCLE OF
PNEUMOCYSTIS CARINII
FOR THE PERIOD 09-30-87 THROUGH 08-31-88
AWARD # 1 RO1 AI25708-01
WTW L&S BIOLOGY (144-0135) 67,579.00

TOTAL WHITEWATER 69,079.00
=====

INSTRUCTION 1,500.00
RESEARCH 67,579.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. MR. AND MRS. ALFRED W. BRAUN
SHOREWOOD, WI
200 BOOKS
CNS WASH LIBRARY ADMIN

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN SCHOLARSHIP PROGRAM
FOR THE PERIOD 02-24-86 THROUGH 01-12-88
AT A TOTAL COST OF \$619,150.00
AWARD # AGR DTD 02-01-86, MOD. 2
CNS RICH ADMINISTRATION (144-X644) 300.00

MISCELLANEOUS

1. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
VARIOUS ARTS PERFORMANCES
FOR THE PERIOD 12-05-87 THROUGH 12-05-87
AWARD # AGR DTD 05-14-87
CNS B-SAUK STUDENT AFFAIRS LECT & F A (144-AB44) 240.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
UNDERSTANDING THE WAR IN VIETNAM
FOR THE PERIOD 01-27-88 THROUGH 06-30-88
AWARD # FY87-63(P)
CNS WAUK HISTORY (144-AD82) 1,494.90
3. MULTIPLE DONORS
UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS
CNS MARSH STUDENT AFFAIRS LECT & F A (133-L040) 225.00
4. MELVIN R. LAIRD
WASHINGTON, D.C.
LAIRD FINE ARTS FUND
CNS MARSH COMMUNICATN ARTS (133-L337) 1,000.00
5. PRIMERICA
MARSHFIELD, WI
VISITING ARTISTS SERIES
CNS MARSH ART (133-M585) 500.00
6. PRIMERICA
MARSHFIELD, WI
PERFORMING ARTS SERIES
CNS MARSH STUDENT AFFAIRS LECT & F A (133-M586) 1,500.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

7. PRIMERICA
MARSHFIELD, WI
CAMPUS COMMUNITY PLAYERS
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-M588) 1,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-86 THROUGH 06-30-87
AT A TOTAL COST OF \$2,318,018.00
AWARD # PO08702949, MOD. 8
CNS (148-R087) 1,650.00

TOTAL CENTER SYSTEM 7,909.90
=====

INSTRUCTION 300.00
MISCELLANEOUS 5,959.90
STUDENT AID 1,650.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. UNIVERSITY OF CINCINNATI
CINCINNATI, OH
PRIME CONTRACTOR WITH DHHS PHS NIH
HAZARDOUS WASTE TRAINING CONSORTIUM
FOR THE PERIOD 09-30-87 THROUGH 09-15-88
AWARD # AGR DTD 02/01/88
EXT G EXT SCH FOR WORKERS (144-AC01) 107,156.00
 2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
ADMINISTRATION OF WISCONSIN HUMANITIES COMMITTEE
FOR THE PERIOD 11-01-86 THROUGH 10-31-89
AT A TOTAL COST OF \$154,450.00
AWARD # AGREEMENT #87, MOD. 1
EXT GEA SV W HUMANITIES COM (144-Y715) 3,457.00
 3. SMALL BUSINESS ADMIN
MADISON, WI
SMALL BUSINESS DEVELOPMENT CENTER
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AWARD # SB-2M-00053-08
EXT G EXT BUS PROG ADMIN BUS PR ADM (144-AC95) 1,326,000.00
 4. PUBLIC BROADCASTING SERVICE
WASHINGTON, DC
CABLE ROYALTY FEES FOR STATION SUPPORT
EXT TELCOM WHA TELEVISION (133-H016) 18,191.00
 5. PROGRAM UNDERWRITING FOR FY 88
EXT TELCOM WHA TELEVISION (133-L435)
- | | | |
|----------|-------------------------------|--|
| 5,000.00 | GRAPHIC MASTERS | |
| | MADISON, WI | |
| 750.00 | MULTIPLE DONORS | |
| 500.00 | FOUR STAR FICTION & VIDEO | |
| | MADISON, WI | |
| 1,000.00 | MEICHER CPA | |
| | MADISON, WI | |
| 1,500.00 | MEICHER CPA | |
| | MADISON, WI | |
| 1,000.00 | ORANGE TREE IMPORTS | |
| | MADISON, WI | |
| 1,000.00 | WENDT BUILDING SUPPLY | |
| | SAUK CITY, WI | |
| 4,500.00 | AMERICAN OF MADISON | |
| | MADISON, WI | |
| 4,000.00 | BOARDMAN, SUHR, CURRY & FIELD | |
| | MADISON, WI | |
| 2,500.00 | KLIPSTEIN INSURANCE SERVICES | |
| | OREGON, WI | |
| 1,000.00 | LAWTON AND CATES S.C. | |
| | MADISON, WI | |
| 750.00 | VIRSHOW, KRAUSE & COMPANY | |
| | MADISON, WI | |
| 775.00 | MULTIPLE DONORS | |

24,275.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

6. EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
INSTRUCTIONAL RADIO PRODUCTION FY 88 FOR THE
PERIOD 07-01-87 THRU 06-30-88
AWARD # ECHO0508
EXT TELCOM WHA RADIO (133-L830) 17,187.00
7. EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
PUBLIC RADIO GENERAL PROGRAMMING PRODUCTION
FY 88 FOR THE PERIOD 07-01-87 THRU 06-30-88
AWARD # ECHO0493, ECHO0359
EXT TELCOM WHA RADIO (133-L831) 916,084.00
8. BADGER BASKETBALL BOOSTERS, INC.
MADISON, WI
UNDERWRITING UW HOCKEY AND BASKETBALL FY88 SUPPORT
EXT TELCOM WHA TELEVISION (133-L870) 4,000.00
9. ST. CROIX COUNTY
BALDWIN, WI
STUDY GROUNDWATER, SOIL AND GEOLOGIC RESOURCES
OF WISCONSIN COUNTIES
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-M613) 3,500.00

GIFT-IN-KIND

1. PROF. RICHARD A. GREINER
MADISON, WI
NINE HUNDRED NINETY (990) PHONOGRAPH RECORDS
EXT TELCOM WHA RADIO
2. FRED A. WILEMAN
MADISON, WI
SEVENTY-THREE (73) PHONOGRAPH RECORDS AND ONE
COMPACT DISC
EXT TELCOM WHA RADIO

MISCELLANEOUS

1. HOLVOE, MARIA B.
NEW YORK, NY \$ 125.00
DULL, RALPH & CHRISTINE
ENGLEWOOD, OH \$ 250.00
WISCONSIN HUMANITIES COMMITTEE (EXT)
EXT GEA SV W HUMANITIES COM (TRUST) 375.00

RESEARCH

1. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
EUTROPHIC LAKES IN POLK COUNTY-A COORDINATED
SOILS, GEOLOGIC, AND HYDROGEOLOGIC WATERSHED
INVESTIGATION FOR THE PERIOD 02-18-88 THRU
06-30-88
AWARD # NRH 96452
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-M660) 40,000.00

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

STUDENT AID

1. FIRST WISCONSIN-MADISON
MADISON, WI
COMSTOCK, WILLIAM T. TRUST
COMSTOCK, WILLIAM T.--4-H MERIT AWARD (EXT)
EXT COOP E 4H-YOUTH DVLPMNT (TRUST) 2,281.05

TOTAL EXTENSION 2,462,506.05
=====

EXTENSION AND PUBLIC SERVICE 2,419,850.00
MISCELLANEOUS 375.00
RESEARCH 40,000.00
STUDENT AID 2,281.05

GIFTS, GRANTS AND CONTRACTS
MARCH 11, 1988

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

- 1. EARNINGS ON MISC. INVESTMENTS
MARCUS, MARVIN FUND
SA PRES

(TRUST) 354.17

TOTAL CENTRAL ADMINISTRATION 354.17

=====

MISCELLANEOUS

354.17

**ENROLLMENT MANAGEMENT TARGETS
FTE**

FALL 1988-89

	<u>1987 Actual</u>	<u>1988 Original Target</u>	<u>1988 Revised Target</u>	<u>1990 Target</u>
Madison	37,985	37,850	37,850	36,151
Milwaukee	17,351	17,994	17,381	17,321
Eau Claire	10,046	9,873	9,873	9,481
Green Bay	3,986	3,856	3,856	3,856
La Crosse	8,833	8,697	8,697	8,135
Oshkosh	9,564	9,499	9,499	9,185
Parkside	3,399	3,652	3,605	3,852
Platteville	5,028	5,021	5,021	4,809
River Falls	5,054	5,017	5,017	4,807
Stevens Point	8,486	8,330	8,330	7,997
Stout	7,307	7,157	7,157	6,919
Superior	1,939	1,984	1,984	2,024
Whitewater	9,706	9,240	9,320	8,832
Centers	7,580	7,541	7,641	8,341
Total	136,264	135,711	135,301	131,710

EXHIBIT A

C. UW-MILWAUKEE

1. 1985-87 Student Center Plaza Enclosure (8301-14)

88/11/15

a. Changer Order No. 13

\$ 30,912.00

D. UW-STOUT

1. 1983-85 P.E. Building Bleacher Seating Replacement (8405-33)

a. Change Order No. 7

\$ 35,302.00

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Hospital - Agreement with M & I Bank for investment of Medicare reimbursements, Nonpers. Item A

A. An Agreement has been fully executed between the M & I Marshall & Ilsley Bank and the Board of Regents of the University of Wisconsin System. This agreement confirms an ongoing arrangement where M & I invests Medicare reimbursements upon receipt for the University of Wisconsin Hospital and Clinics, prior to transfer of the State Treasurer. The account was established through a Regent resolution passed at the June 11, 1982 meeting of the Board of Regents.

ASCAP - 5-yr. agreement for musical performances, Nonpers. Item B

B. An Agreement has been signed with the American Society of Composers, Authors and Publishers (ASCAP), providing the Board of Regents of the University of Wisconsin System with a systemwide License to perform publicly the copyrighted musical compositions in ASCAP's repertory. The Agreement is for a five (5) year period commencing on the first day of July 1987.

Hygiene Lab - Agreement for exhibit space with Illinois in Milwaukee, Nonpers. Item C

C. The Vice Chancellor for Administration has executed on behalf of the Board an application and agreement for exhibit space at the annual joint meeting of the Wisconsin Association of Medical Technology and the Illinois Medical Technology Association to be held in Milwaukee in April. The State Laboratory of Hygiene will be presenting an educational exhibit at the meeting. Until this year, the agreement was processed through Purchasing because there was a charge for the exhibit space. Beginning this year, there is no charge for the space; however, the submission of a formal application signed by an authorized official is required.

Family Practice Clinic - Lease of space at 777 South Mills St., Nonpers. Item D

D. The State Leasing Officer has been requested to exercise the first of two one-year renewal options in the lease of 22,150 square feet of space at:

Bldg. 14 - Agreement for Family Practice Clinic space at 777 South Mills St. Nonpers. Item D

777 South Mills Street
Madison, Wisconsin
St. Mary's Hospital, Lessor

Lease term: June 30, 1989. The University of Wisconsin-Madison's Medical Center has occupied this space since 1973 as a Family Practice Clinic. No rent has been assessed for this space. The lease contains an option on the part of the lessor for annual reevaluation/renegotiation to assess need for charging rent.

2. only if there is a copy of existing lease
777 South Mills St. - (over)

G. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
William Andrews, Sargent Bush, Annete Kolodny, Amy Lang and Daniel Shea	"Colonial American Womens" Autobiographies
Clyde W. Barrow	"Intellectuals in the American Social Structure"
Barbara Hughes Fowler	The Hellenistic Aesthetic
Barbara Hughes Fowler	"Hellenistic Poetry: An Anthology"
John Higginson	A WORKING CLASS IN THE MAKING: Belgian Colonial Labor Policy Private Enterprise and the African Mineworkers 1907-1949
John R. Lyne and Henry F. Howe	"Representing Biology: Argument and Imagery in Biological Controversies"
Lea Jacobs	REFORMING THE FALLEN WOMAN CYCLE: Strategies of Film Censorship, 1930-1940
Andrew Parker	" <u>Re-Marx</u> : Deconstructive Readings in Marxist Theory and Criticism"
Yi-Fu Tuan	Morality and Imagination