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MINUTES OF THE REGULAR MEETING
of the
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM
Madison, Wisconsin
April 8, 1988

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, April 8, 1988
9:00 a.m.

- President Weinstein presiding -

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

ABSENT: Regents Flores and Gerrard

Approval of Minutes

Minutes of the regular meeting held on March 11, 1988, were unanimously approved, upon motion by Regent Schilling, seconded by Regent Davis.

Hospital - Council of Trustees - Report on patient activity, Clinical Cancer Center, status of U-Care, housing for family of patients, explanation of leasing more space & Regent trust, pp 1-3
REPORT OF THE PRESIDENT OF THE BOARD

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

Regent Heckrodt, Vice Chair of the council, reported on the April 7 meeting. Superintendent Gordon Derzon advised the council that hospital patient activity showed significant gains in February and March, with patient days up nearly eleven percent and seven percent, respectively, over the same two months of 1987. As a result, the hospital's financial position was strong and it was anticipated that the cash deficit would be reversed by the end of the fiscal year.

Dr. Paul Carbone, Director of the Clinical Cancer Center, and Dr. Timothy Kinsella provided an update on the center's activities. Noting that 75 percent of the center's \$13 million annual budget is derived from sources outside the university, Dr. Carbone said the center is known nationally for its work in the areas of breast and bladder cancer and also is in the forefront in cancer prevention efforts, research and new

biological therapy. Dr. Kinsella, who recently joined the Department of Human Oncology as its chairman after eight years at the National Cancer Institute, added that UW-Madison has one of the leading comprehensive cancer centers in the country. He described new developments in his area of specialization--radiotherapy--that were improving the success rate of cancer therapy while reducing side effects from disfigurement.

Dr. George Isham, the Executive Director of University Health Care, Inc., reported that an application for an insurance license for U-Care had been filed with the Commissioner of Insurance. As discussed at the October regents' meeting, the license would allow U-Care greater flexibility in meeting its central mission to provide a patient base for educational programs and primary care within the health sciences. Dr. Isham noted that, given the high percentage of Dane County residents enrolled in HMOs, it had become increasingly important for the university to offer effective and efficient programs for pre-paid health care.

It was reported by Mr. Derzon that the hospital was continuing to explore prospects for a new facility to provide housing and support services for patients and their families. There was a growing need for accommodations for relatives of patients who are critically ill or hospitalized for extended periods and for patients who require continuous care on an out-patient basis. A consultant would be retained in the near future to explore alternative approaches for this kind of facility.

Dr. Carl Getto, the Associate Dean/Director of Clinical Affairs, reviewed quality assurance activities for the most immediate past period and presented new medical staff appointments which the council voted to approve.

Dr. Jay Noren, Vice Chancellor for Health Services, summarized the current status of the proposed lease of a medical office building for specialty clinics. A detailed program statement had been prepared, and a lease would be negotiated once a developer was selected. Lease terms would be submitted to the Board of Regents for consideration as soon as possible. Recognizing the importance of timing in this project, the Council of Trustees voted to adopt the following resolution:

Recognizing the serious current shortage of ambulatory space which is severely constraining the hospital and Medical School's effort to provide quality patient care and teaching, the University Hospital and Clinics' Council of Trustees in its advisory role to the chancellor endorses the concepts embodied in the leased space request developed by the University Hospital and Clinics and the Medical School and encourages Chancellor Shalala to pursue the negotiation of the lease of an appropriate facility to house clinics and programs identified by the hospital and Medical School for relocation. We urge that terms of the lease be negotiated prior to the May Board of Regents' meeting where it would be considered for final approval by the regents, after which it would be forwarded to the State Building Commission for final consideration at their May meeting.

Following the meeting, several other regents joined council members for a tour of the hospital programs targeted to move to the leased facility, as well as several critical care units which showed the need for increased space within the area that would be vacated by the move.

President Weinstein added that arrangements to view the facilities could be made for any regents who were unable to take the tour.

Regent Hanson noted that the tour was beneficial in showing why space was needed. They had viewed the intensive care units which could handle few patients for a facility as important as UW Hospital.

Mission

Schedule of Mission Hearings, p. 3

President Weinstein called attention to the schedule of mission hearings at all UW System institutions. Each of the hearings would be held during the period April 18-28 and would be chaired by a member of the Board of Regents, with the chancellor serving as vice chair. All regents were invited to attend any of the hearings and were asked to inform the secretary of their plans for attendance. Results of the hearings would be reported to the board in May for information, with action expected in June.

Big Ten

Invitation to Attend Big Ten Governing Boards Conference in June, p. 3

Reporting that this year's Big Ten Governing Boards conference would be held on Sunday, June 26, and Monday, June 27, at the University of Illinois, Urbana, President Weinstein asked any regents who wished to attend to advise him of their interest.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Resolution 4023 was moved by Regent Fish, seconded by Regent Schilling and carried unanimously.

Resolution 4023: 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.

Hospital -
Presentation on UW-Madison Programs in Health Management, pp 4-6

Chancellor Shalala introduced Professor David Kindig, former Vice Chancellor for Health Sciences and a nationally recognized leader in health management/health policy. Dr. Kindig, who held Ph.D. and M.D. degrees from the University of Chicago, came to UW-Madison after a successful career in health management, including five years at the U.S. Department of Health and Human Services. He also ran one of the great teaching hospitals in the country, a 1200-bed facility in the Bronx, New York. Since 1985, he had been Professor of Preventive Medicine and Director of the UW-Madison programs in health management. He and two of his students were to speak about four graduate programs in health management which put the university on the cutting edge of this discipline.

In opening remarks, Dr. Kindig commented that these programs, designed to train health managers of the future, were particularly challenging due to the rapidly evolving issues of cost, quality, regulation, competition, access, and the uninsured. What was certain was that, 20 years in the future, health managers would be dealing with an environment much different from the one existing today.

Health - (same)
The programs in health management at UW-Madison encompassed four graduate degrees: Master of Arts in Business, with a curriculum option in Health Administration; Master of Public Policy and Administration in the La Follette Institute; Master of Science in Industrial Engineering, with a curriculum option in Health Systems Engineering; and Master of Science in Preventive Medicine, which was designed for mid-career physicians and nurses. The structure was unusual because the degrees were awarded in four different schools, and the curricula were controlled by the faculty governance structure in those schools. The schools admitted the students first on the basis of their own criteria, after which acceptance into the professional health management track was required. The schools provided the core courses in business, health, public administration and industrial engineering, with health management applications taught by the program's faculty in the Department of Preventive Medicine.

The multidisciplinary governing faculty for this set of programs was drawn from the School of Business, from the College of Letters and Science, from the School of Engineering, from the School of Medicine, and from the School of Pharmacy, as well as from other schools. The area of health management and health services research, Dr. Kindig noted, was an interdisciplinary field requiring interactions among faculty from a number of areas. Clinical practitioner faculty from Wisconsin health care organizations helped in teaching the programs, which were managed by the Department of Preventive Medicine in the Medical School.

Of the program's 221 graduates, 51 percent remained in Wisconsin. Of the 74 students currently enrolled, 46 percent were women and 38 percent were part-time students. An increasing number of students had experience in the health care field, with 36 percent of current students being physicians, nurses or dentists. Fifty percent of the students came from schools in the UW System. Graduates found employment in hospitals, health care organizations, consulting firms, medical clinics, health maintenance organizations, and state or federal government.

Noting that the program's mission statement had been revised recently through a strategic planning exercise, Dr. Kindig said the program's mission was to prepare students for entry-level health care management positions in broad spectrum of health care organizations in the private and public sectors. Much broader than hospital administration, the curriculum was being expanded constantly, particularly in the La Follette Institute's emphasis on health policy and public administration, which prepared students not only for employment in veterans hospitals and state institutions, but also for other governmental positions. Goals were proficiency in business and analytic skills, accompanied by an understanding of the purpose and unique clinical aspects of health organizations.

While most of the 60 accredited health administration programs in the United States were located either in schools of business or schools of public health, Dr. Kindig commented that there was a growing belief that neither of these arrangements was satisfactory. Business School graduates were often viewed as focusing too much on business aspects at the expense of clinical and quality/access aspects of health care, while graduate schools of public health were often considered to lack important business skills needed to manage organizations.

The UW-Madison program had pioneered in its multidisciplinary approach combining cost and quality considerations. In that respect, it still was relatively unique in the nation. While concerns of the last decade focused on costs, many believed quality and access to be the issues of the coming decade, along with continuing efforts to deal with the aspect of costs. The program's curricular focus in these areas placed it on the cutting edge of the field. Another area being addressed was the specialized personnel management of health care professionals. Finally, there was a need to anticipate changes in the health care environment to prepare graduates for managing systems which would be different from those existing today.

To help prepare for the future, Dr. Kindig continued, a committee of alumni, faculty and hospital/health industry representatives had studied issues of curriculum, and a new curriculum for the business track was being adopted, to incorporate some of the ideas mentioned above. In addition, work was being done on recruitment, admissions, work experience, job placement, external relationships, and fund raising. There also was work to be done in the area of health services research. An external program advisory committee, consisting of business and health care leaders from around Wisconsin, had been appointed to continue strategic planning efforts. The committee was being chaired by former Regent President David Beckwith.

The new recruitment program, to be called "the Wisconsin Advantage," was designed to attract high quality students to the program rather than to increase enrollments, since the current 20 admissions and 20 graduates a year was considered appropriate for the number of faculty.

In conclusion, Dr. Kindig referred to the administrative medicine program, which was unique nationally, and was designed for mid-career physicians and nurses preparing for managerial roles. Due to the growing national need for this type of training, the health management program had received a Kellogg grant of \$800,000, to convert this residential degree into a non-residential degree available to students from all over the country. The first class of 21 students in that experimental non-residential program was to be admitted the following week.

Dr. Kindig introduced Julie Sykes, a student in the program, who had earned an undergraduate degree in psychology at UW-Madison and then worked at the Department of Child Health and Human Development in the National Institutes of Health. She was accepted as a doctoral candidate at the University of Massachusetts but decided to enroll in the UW-Madison program, on the basis that she needed managerial skills to accomplish her goals in the areas of child and maternal health, high risk infancy, and high risk pregnancies. Currently in residency at St. Mary's Hospital in Madison, she planned to become a fellow at West Allis Memorial Hospital after graduation in May. Her degree would be in public policy and administration through the La Follette Institute.

Dr. Kindig then introduced Dr. Bill Rock, who had been a practicing internist for 30 years and a full professor in Clinical Medicine in the Medical School for 15 years. Through a clinic merger, he became a medical director and needed the business administrative skills available through the program.

In response to a question by Regent Weinstein, Dr. Kindig indicated that, while there had been graduate programs in health administration for about 30 years nationally, the administrative medicine program was new, and UW-Madison had a leadership position in that area.

Chancellor Shalala noted that many universities offered health management training without a degree program. UW-Madison's program recognized that the health management field was very sophisticated and encompassed a number of disciplines.

Areas in which pioneering research and curriculum work were being done, Dr. Kindig added, were cost/quality interaction and ethics in health management. The adaptations needed to focus on such issues could be made more readily through an interdisciplinary structure than through a program locked into a school of business or a school of public health.

With health costs being a major concern, Regent Lyon asked what extension efforts were being made to work with Wisconsin hospital managers and directors.

Replying that such programs were not extensive, Dr. Kindig added, however, that program staff did work with alumni, many of whom were in Wisconsin. There were two conferences each year, with the conference last fall on HMOs and capitation attracting 150 health managers from across the country. Staff also worked with many leaders of the hospital and health industry in placement of graduates, and staff were involved in consulting and research projects.

Regent Heckrodt added that UW Hospital and Clinics did much to assist local health care organizations to better manage their facilities.

Weinstein, Lawrence -Announcement of 1988-89 Weinstein Scholars, p.7

President Shaw announced selection of the 1988-89 Weinstein scholars. Mr. James Bors, who was to be a senior in Marketing at UW-Whitewater next year, graduated from Wauwatosa East High School in 1985 in the top three percent of his class and maintained a 3.8 grade point average while participating in a variety of university activities, including membership in the Law Society, the American Marketing Association and Creative Marketing, Unlimited, as well as being a starting member of the soccer team for three years.

Awards - (same)

The second Weinstein scholar was Ms. Eleanor Higgins, a candidate for a BBA in Marketing at UW-Madison, who graduated in 1984 from Rufus King High School, Milwaukee, in the top 15 percent of her class. Ms. Higgins had been active in the university community, serving as president of her house in the residence hall and as a representative to the National Association of University Residence Halls, while also participating in marketing competition and intramural athletic competition, both here and at the University of Warwick in England, where she recently completed her Junior Year Abroad.

Awards - (same)

Congratulating the students selected for these awards, President Shaw thanked the donors for their generous encouragement of minority students in the field of business.

Students -Congratulatory Letters to High School Scholars, encouraging their UW attendance, p.7

President Shaw reported that in the last month he had sent letters to the 550 all-state academic scholars, congratulating them for their achievements and encouraging them to consider University of Wisconsin System institutions in making career plans. He also sent congratulatory letters to the 90 students who were chosen for the Robert C. Byrd Honor Scholarship, indicating to them that if they were to come to a UW institution, they would receive a grant after their first year of studies.

Regent Davis asked if a rigorous data base was being kept at every campus, so that the experience in attracting merit scholars this year could be compared to last year. President Shaw replied in the affirmative.

Regent Fish asked if there was a mechanism for advising students who might not be accepted at one institution, of remaining opportunities to apply to other institutions.

President Shaw replied that the Higher Education Location Program (HELP) communicated with counselors and high school officials through newsletters which informed them of institutions where enrollments were closed and institutions that remained open. The office also provided that information in response to telephone calls and other inquiries. In addition, institutions no longer taking applications had been asked to refer students to the HELP office for information on other institutions to which they might apply.

Report on Legislative Activities

President Shaw referred to recent reports by Vice President Bornstein on legislative activity affecting the UW System.

Regent Davis commended Vice President Bornstein and his staff for keeping the regents up to date during the legislative process.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

The committee's report was presented by Chairman Lyon.

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

Mr. Ray Marnocha, Acting Vice President for Business and Finance, reported to the committee that gifts, grants and contracts for the nine-month period ending March 18, 1988, totaled \$263.2 million--\$12.9 million more than the same period a year ago. The federal share increased \$7.1 million, accounted for by an increase in research of \$5.7 million, an increase in instruction of \$.8 million and an increase in student aid of \$.7 million. The non-federal share increased \$5.8 million over the previous year, of which \$5.5 million was for research.

EBASCO - Approval of contract

Included in the April list of gifts, grants and contracts was \$169,000 of a \$2,675,000 two-year contract between UW-Madison and EBASCO Services, Inc., a subcontractor for the Defense Nuclear Agency. The contract's purpose was to demonstrate the feasibility of using a superconducting magnetic energy storage system to store large amounts of electricity, ~~it would fund continuation of projects begun more than 15 years ago on the Madison campus. The contract was intended to demonstrate the practicality of using such a system to reduce the cost of commercial electric power and to evaluate the suitability of the system to drive Strategic Defense Initiative ground-based weapons.~~ *R 4024, pp 8-11*

Research - Approval of research grant from EBASCO on energy storage, R 4024, pp 8-11

Representatives from the Citizens Utility Board (Ms. Kathleen O'Reilly) and the Wisconsin Nuclear Weapons Freeze Campaign (Reverend Tim Kehl) spoke against acceptance of the award. Statements were also presented on behalf of Professor Don Reeder, UW-Madison, and Mr. James Cavanaugh, South Central Federation of Labor. The parties expressed concern over the university becoming involved in potentially classified Star Wars research. Ms. O'Reilly drew attention to the fact that, while the project would appear to bring funds to UW-Madison, if it were subsequently to become classified, the research would be discontinued by the university, which could result in faculty and dollars shifting to an off-campus location. Rev. Kehl expressed the view that Star Wars is unworkable, costly and dangerous. Collectively, the speakers urged the committee to delay action on this contract, pending a public forum on the issue to be held on May 5.

Dean Robert Bock, UW-Madison Graduate School, and Dean John Bollinger, UW-Madison School of Engineering, reassured the committee that no classified

research would be done at UW-Madison, and that the project met all guidelines for acceptance of funding. All findings must be open to the public and no grant or contract would be accepted that violated safety standards. In preparing this contract proposal, engineering faculty and staff adhered to all UW System rules and regulations.

Committee members felt the Board of Regents' role was to ensure that in this research all the proper policies and procedures were followed.

After discussion, the committee unanimously approved Resolution 4024.

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

Resolution 4024: 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.

Regent Weinstein called on Kathleen O'Reilly, Director of the Citizens Utility Board (CUB), who had asked for the opportunity to present to the board some information which she did not feel was presented adequately at the committee meeting.

Ms. O'Reilly stated that, since last summer, an increasing number of scientific studies had brought to light evidence about the health impacts associated with electromagnetic fields and about any use of superconductivity resulting in a higher emission. Their request for a delay of one month was to share with the regents and with the public more information, not only about potential health impacts, but also about the potential legal and economic exposure to the university and to the Madison Gas and Electric Company, if there was a health risk for workers and for residents in the area of the experimental model. After review of university contracts, they did not believe this issue had been addressed.

Dean Robert Bock, of the UW-Madison Graduate School, stated that university rules required that all environmental impact statements be fully reviewed and that worker safety be assured. The rules had been followed with respect to this contract.

Regent Hanson asked if it was realistic to believe that research in progress would be abandoned, even if it were later found to be hazardous.

Dean Bock assured the board that projects of this kind were carefully designed and evaluated for safety considerations. This research had been under way for many years, in order to reduce dependence on foreign energy sources and to provide a safer, more available energy storage system. Therefore, it was intended to have a positive environmental impact and would continue to be fully evaluated for all potential impacts, including the

magnetic field which had been studied for a long time. Much now was known about its potential impacts and how to control and minimize them.

Regent Clusen asked if the project would be reevaluated after the first year and if acceptance of this first \$169,000 meant that the university was committed to the \$2.6 million which was to follow.

Dean Bock said the second phase could not go forward unless it was in compliance with state and national safety standards. The first year was to be a design phase that would include these types of evaluations.

Regent Fish added that the balance of the contract would have to be accepted by the regents.

Stating that she was troubled by the contract, Regent Clusen pointed out that other universities had refused to conduct research related to Star Wars. Because she wished that this university were one of them, she intended to vote against accepting the contract.

Regent Davis noted that his company belonged to the Wisconsin Utilities Research Foundation which had funded this effort for more than 15 years because of its implications for energy storage--not because of any interest in weaponry applications. He did not agree with attempts to focus on potential uses of technology, rather than the technology itself, since many types of research could have a wide range of potential applications.

Regent Hanson asked if it would be harmful to delay the decision until the hearing was held.

Dean Bock noted that to do so would set a new precedent that went beyond insistence on the right to publish openly, by becoming involved in a moral or political decision as to whether certain research should be done.

Regent Fish pointed out that the hearing was not an official governmental hearing, but rather was to be a forum, co-sponsored by CUB and the Nuclear Freeze Movement. While it had been indicated that advocates of this research would be heard and that an open discussion would take place, he felt it should be understood that the hearing was to be conducted by the opponents of the research.

President Shaw pointed out that, because the hearing was scheduled on the first day of the May Regent meetings, any delay would probably be for two months, rather than one month.

Noting that it was only two weeks ago that CUB was able to obtain copies of the contracts, Ms. O'Reilly added that the contracts with the university and with MG&E stated explicitly that the first purpose was for Star Wars weaponry, with utility applications being secondary.

Dean Bock said the university's first purpose was to continue the research. When there was great interest in energy storage at the time of the energy crisis, the university accepted the support of Japan and other countries suffering severe energy shortages. Defense Department interest

simply brought a new funding source to an existing and challenging scientific project.

It was moved by Regent Nikolay and seconded by Regent Hanson that the resolution be tabled until the May meeting.

The motion to table failed on a roll call vote, with Regents Clusen, Hanson and Nikolay voting "Aye" (3) and Regents Davis, Doughty Luckhardt, Fish, Grover, Hassett, Heckrodt, Jarvis, Lyon, Nicholas, Schilling, Vattendahl and Weinstein voting "No" (12).

Put to the vote, Resolution 4024 was then adopted with Regents Clusen, Hanson and Nikolay voting "No."

Budget -

Report of 1988-89 State Budget Bills AB 850 and AB 866, p. 11

Regent Lyon summarized a report made to the committee on the status of the 1988-89 budget. Since final action had not been taken during the current floor period, a special session was planned to complete work on the budget bills, property tax relief and retirement legislation.

Neither house took formal action on the property tax and fiscal control bill (AB 866), which included three UW System budget provisions (student financial aid inflationary increases, assessment, and distinguished professorships). In preliminary action, the Joint Committee on Finance approved a slightly higher financial aid increase for the Advanced Opportunity Program and Lawton Grant program, but did not act upon Perkins loan matching funds.

The regular budget bill (AB 850) included two items of interest to the UW System: funding for UW-Milwaukee's Professional Theater Training Program, and a possible Building Commission study during the next year of all UW-Madison athletic facilities. In addition, the annual budget provision was proposed for elimination, to be replaced by a biennial budget in 1989-91.

The Assembly gave final approval to AB 795 on chancellor salary levels. The bill was now on the Governor's desk and no decision had yet been communicated as to whether it would be signed. AB 905 on capping tuition died in the Senate Rules Committee on the last day of session. Two environmental safety bills were passed during the recent session and were awaiting the Governor's signature. The two bills, AB 99 (Hazardous Chemicals Information Gathering) and SB 432 (Asbestos Removal in Public Buildings), would necessitate significant new staff resources and support funding to implement the mandated requirements. President Shaw had expressed this concern to the Governor.

The Joint Committee on Finance cancelled its meeting the prior week, which was to include the review and approval of UW System reports relating to the release of the 1988-89 faculty positions. The committee was expected to reschedule the meeting in mid-April, and indications were that the positions would be released.

~~Annual Report on Financial Aid~~ - Annual report, p. 12

Assistant Vice President Albert Beaver presented to the committee the annual status report on student financial aid in the UW System.

In 1986-87, \$211.6 million of need-based financial aid was distributed to UW System students. There was \$72.7 million (34 percent) in grants and scholarships, while \$118 million (56 percent) was for student loans, and the remaining 10 percent was for work study and other types of work aid. The number of financial aid recipients decreased from over 61,000 in 1985-86 to over 59,000 in 1986-87.

State-funded grant programs increased significantly. Wisconsin Higher Education Grants (WHEG) and Talent Incentive Program (TIP) grants increased by about 15 percent. The new Lawton Undergraduate Minority Retention Grant program provided an additional \$1.5 million in grant aid to minority students.

The combination of Pell and SEOG funding increased nine percent over the prior year. While the average grant size also increased, the number of recipients of Pell Grants decreased as qualifications were raised.

For financial aid purposes, need was determined by comparing the actual cost during the enrollment period with the amount parents and students could reasonably be expected to contribute toward the cost of higher education. Students in higher need categories received more total aid and more grant aid than those in lower need categories.

Sufficient aid appeared to be given to traditional dependent students, although the form had changed to more loan money and less grant money. Older independent students, especially minority students of Black and Hispanic origin, were the remaining group of students with high unmet financial need. In 1988-89, the Congressional Methodology would replace the Uniform Methodology as the financial need analysis system, and independent students were likely to qualify for more Pell funding under the new methodology.

There was a general transition from grants to loans as students moved from freshman status toward senior status, the emphasis being on grants at the freshman level and on loans at the junior and senior levels. Regent Weinstein requested that additional information be provided on the range of debt.

Patents -
Presentation on Patent Policies, p. 12-13

Regent Lyon reported that the committee heard a presentation by Dean Robert Bock, of the UW-Madison Graduate School, on the UW System's present policy on patents, as outlined in General Administrative Policy Paper No. 34. A copy of UW-Madison's *Patent Policies and Procedures* was distributed for future review by the committee. At UW-Madison, faculty and staff were encouraged to patent their creative works. The patent policies were distributed to all new faculty, and seminars were held to make faculty

Xref UW Foundation - (same)

and staff knowledgeable regarding the appropriate procedures to be followed in patent research. The transmittal form used by UW-Madison required signature by the principal investigator, department chair, dean, chancellor and transmitting officer.

Dean Bock explained the Uniform Patent Act which encouraged faculty to patent and suggested the use of incentives to accomplish this objective. It was noted that incentive packages varied greatly around the country. At UW-Madison, the incentive was \$1,000 or 20 percent of the gross. Patents developed using federal funds were licensed by the Wisconsin Alumni Research Foundation (WARF) for the public good.

Fees -
-
Informational Report on Fee Remissions, pp 13-14

Acting Vice President Marnocha provided to the committee a summary of the resident fee and nonresident tuition remissions being granted by the UW System. Section 20.285(2)(d) of the *Wisconsin Statutes* established the total amount of nonresident remissions of tuition and fees which could be granted in a fiscal year. Included in this total were five types of remissions, as authorized under Statute Section 36.27(3):

- Tuition - see fees*
1. Worthy and needy nonresident students who qualify on the basis of merit. These are limited to an amount equal to full remissions for eight percent of the number of nonresident students registered at the institution the preceding year.
 2. Students who qualify due to extraordinary circumstances. These are limited to an amount equal to full remissions for two percent of the number of nonresident students registered in the preceding year.

It was pointed out that the eight percent and the two percent numbers had not been reached in recent years because the dollar limit had maximized use below those levels.

3. Worthy and needy foreign students and students who are U.S. citizens but whose residence is not in the United States. This remission is limited to two percent of the total full-time enrollment of students at the institution for the preceding year.
4. Athletic remissions under the auspices of the athletic conference.
5. Graduate students who are fellows or who are employed within the UW System as assistants with an appointment equal to at least 33 percent of a full-time equivalent position.

In addition to the five noted, there were other remissions which do not come under the state statute ceilings, including a tuition award program at UW-Superior, remissions for students whose fees are paid through contract or gift, remissions paid by third parties, remissions

paid by federal indirect cost reimbursement, and in a special case started about 40 years ago, ten Music Clinic resident fees, as a matter of regent policy.

The committee suggested that a thorough review of the statutory language on these remissions be performed, in order to consider consolidating the language, in light of enrollment management policies now in effect.

Audits -

→ Quarterly Report on Internal Audit Activities, p.14

A summary of the quarterly activities of the Internal Audit Office was presented to the committee by Acting Vice President Marnocha. The report indicated expansion of auditing activities at the various institutions.

Compensation -

→ Background Paper on Academic Administrative Compensation, p.14

Noting that background material had been provided for this meeting, Regent Lyon stated that the agenda for the May meeting would include the full study on competitive environment, the effect of whether or not the Governor signed the current legislation on chancellor's salaries, and considerations related to ranking of positions.

Report of the Acting Vice President for Business and Finance

Report on Reserves

It was reported to the committee that the current reserve totaled \$1,331,000.

Audits -

→ Report on Auditing - current audits, p.14

Recent developments on audits included an upcoming report by the Legislative Audit Bureau on laboratories within the UW System. The report was to be available the following week. In addition, there was to be a meeting regarding a federal audit on indirect cost recovery rates.

Private Sector - Status of

→ Task Force on Competition with the Private Sector, p.14

Regent Lyon reported that the task force consisted of eight members from the UW System and six from the private sector. The task force report was to be available for consideration by the Board of Regents in November or December.

UW-Superior

Change of Radio Call Letter, UW-Superior p. 15

from WSSU to KUWS

Mr. Marnocha advised the committee that UW-Superior had requested from the Federal Communications Commission a change in the call letters of their radio station from WSSU to KUWS.

In response to a question by Regent Clusen, Regent Lyon indicated that the requested change was for marketing purposes. Chancellor MacTaggart added that the new call letters would better reflect the station's identification with the university.

Regent Clusen noted that the "K" designation generally was reserved for locations west of the Mississippi River.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

UW-Eau Claire Acceptance of Gift of Land for Putnam Park R 4025, p. 15

The committee unanimously approved a gift-in-kind of three acres of land to become part of the adjacent 200-acre Putnam Park at UW-Eau Claire. Noting that this land had been given to the UW-Eau Claire Foundation, Regent Nikolay said the committee was pleased by this generous offer and indicated that its acceptance was to be interpreted as simultaneously approving expansion of the approved campus boundary to include the two parcels.

Resolution 4025 was moved by Regent Nikolay, seconded by Regent Heckrodt and unanimously adopted by the board.

Resolution 4025: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, the Board of Regents indicates its willingness to accept a deed from the UW-Eau Claire Foundation, Inc., transferring a "Gift-in-Kind" of approximately three acres of land contiguous to Putnam Park.

UW-Whitewater Approval of Concept and Budget Report for Major Project

The committee unanimously approved the concept and budget report for the UW-Whitewater Upham Hall air conditioning project, including a budget increase of \$80,000, for a revised project cost of \$662,000. The increase was for a more costly but more energy efficient chiller which was estimated to pay for itself in 5.5 years. The increased cost would be funded from the statewide energy conservation program.

R 4026,
pp 15-16

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

Resolution 4026: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report be approved for the 1987-89 Upham Hall Air Conditioning project (No. 8708-19), on the campus at UW-Whitewater, and authority to increase the budget, by \$80,000, and develop Final Plans & Specifications, bid, and construct the project, for a revised total project cost of \$662,000, from the following funding sources:

a) 1987-89 General Fund Supported Borrowing:	\$ 582,000
b) 1987-89 General Fund Supported Borrowing -	
Energy Conservation Program funds:	<u>80,000</u>
Total Funds:	\$ 662,000

Regent Davis asked if the board had any guidelines as to the margin for an acceptable payback period.

Vice President Brown replied in the negative, but added that the Building Commission had a 15-year payback requirement. To take a leadership role in energy conservation, the commission originally had adopted a policy of undertaking projects that paid back at any time. Later, the guideline was changed to a 15-year payback.

Regent Davis commented that so long a period represented a very low rate of return on the investment. While he believed strongly in energy conservation, he remarked that a 15-year payback seemed more like a moral investment than a financial investment.

Put to the vote, Resolution 4026 was unanimously adopted by the board.

Adopted
UW-Milwaukee Approval of Chapman Hall Total Facility Performance Evaluation Project

R 4027, pp 16-17

Regent Nikolay reported unanimous committee approval of a total facility performance evaluation project for Chapman Hall at UW-Milwaukee, at a cost of \$970,500. All items in the project were for the purpose of repairing and replacing obsolete systems. The building housed the offices of the chancellor and administrative staff.

It was moved by Regent Nikolay and seconded by Regent Heckrodt that Resolution 4027 be adopted by the board.

Resolution 4027: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid, and construct a 1987-89 Chapman Hall Total Facility Performance Evaluation project, on the campus at UW-Milwaukee, for an estimated total project cost of \$970,500 of 1987-89 General Fund Supported Borrowing, from the following funding sources:

a) Maintenance Program funds:	\$ 399,900
b) Remove Architectural Barriers Program funds:	359,740
c) Health, Safety and Environment Program funds:	148,800
d) Energy Conservation Program funds:	56,560
e) Minor Project funds:	<u>5,500</u>
f) Total:	\$ 970,500

Regent Fish pointed out that the Building Commission previously had denied more complete requests for renovation of Chapman Hall, at a cost of about \$2.2 million. He noted that this project would account for about 45 percent of the requested renovation by utilizing all-agency funds and that in this case the all-agency accounts were being used to partially achieve a goal which differed from the intended use of the funds. While Chapman Hall renovations were needed, it seemed to him economically unsound to spend \$970,000 in all-agency funds on these projects, and then make another request in the next capital budget for the remaining renovations, which might not be entirely consistent with the improvements in this request. If this course were to be taken, he felt the Building Commission should be aware that there was to be a follow-up project request for Chapman Hall renovation which in all likelihood would be supported by the regents, who had supported the request on several occasions in the past years. The Building Commission then might indicate advanced planning permission for the total project. While he would support this project if no other improvements were to be made in Chapman Hall, he found it to be a costly alternative if there was going to be full renovation in the near future.

Chancellor Smith noted that when he arrived at UW-Milwaukee, he was apprised of Building Commission denial of the full renovation request, which had included substantial changes in the facility, such as taking out the stacks, and remodeling the entrance. After reviewing the campus situation, he decided to place priority on educational buildings and did not intend to again request full renovation of Chapman Hall. The items included in this project, however, were urgently needed repairs to the heating system, pipes, and the electrical system, in order to make the environment suitable for the people who worked there. He had no plans to make any further requests.

Given that assurance, Regent Fish replied that he had no objection to the project.

Put to the vote, the board unanimously adopted Resolution 4027.

UW-Madison: Approval of Various Projects at Charter Street Heating Plant

The committee reviewed a package of 14 individual projects for the UW-Madison Charter Street Heating Plant, at a total cost of \$11,123,000. The package was developed in response to a request of the State Building Commission in December that a single proposal be presented which would describe all work planned for the heating plant and related distribution systems in the 1987-89 biennium. The request before the board resulted from several meetings involving staff from the university, system administration, and the Division of State Facilities Management. After extensive discussion of this significant expenditure request, the committee unanimously approved Resolution 4028. R 4028, pp 18-20

Xref Charter Street Heating Plant - Approval of \$11,123,000 in 14 projects
Adoption by the board of the following resolution was moved by Regent Nikolay and seconded by Regent Heckrodt: R 4028, pp 18-20

Resolution 4028: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to implement the following fourteen projects, each as specifically described in the detailed report on file in the Office of the Secretary of the Board:

1) 1987-89 Steam Service Safety Device Modification	\$2,381,000
2) 1987-89 CSHP Fugitive Dust Control Advance Planning	25,000
3) 1987-89 Utility Distribution Tunnels and Piping Repair	820,000
4) 1987-89 CSHP Power Supply Replacement	103,000
5) 1987-89 CSHP Chimney Repair	130,000
6) 1987-89 CSHP Main Boiler Feedwater System Replacement -Phase II	1,539,000
7) 1987-89 Heating/Chilling Plant Energy Balance	150,000
8) 1987-89 Central Chilled Water System Additional Capacity - Phase I	5,141,000
9) 1987-89 CSHP Air Compressor Replacement	310,000
10) 1987-89 Campus Utility Distribution Tunnels and Piping (Advance Planning/Survey)	150,000
11) 1987-89 CSHP Boiler No. 1 Tube Replacement	142,000
12) 1987-89 Dayton St. RR Grade Crossing & Spur Line Repair/Replacement	75,000
13) 1987-89 CSHP Illumination Refurbishing	95,000
14) 1987-89 CSHP Blowdown Heat Exchanger	62,000
TOTAL:	\$11,123,000

Funding will be from the following General Fund Supported Borrowing sources:

a) 1987-89 General Fund Supported Borrowing funds:	\$ 5,141,000
b) 1987-89 Maintenance Program	2,801,000
c) 1987-89 Health, Safety and Environment Program	1,948,800
d) 1987-89 Energy Conservation Program	305,000
e) State Building Trust Fund - Planning	475,000
f) 1983-85 Capital Improvement Fund Earnings	276,400
g) Program Revenues	141,800
h) Air Quality Compliance and Fuel Conversion	34,000
Total All Funding Sources:	\$11,123,000

In response to a question by Regent Hanson, Vice Chancellor Van Ess indicated that this resolution encompassed the entire plan of work that could be projected for the biennium, barring some unforeseen problem.

Replying to a question by Regent Fish, Vice President Brown said the plan had been developed in cooperation with the Secretary of the State Building Commission and his staff, but had not yet been discussed with Building Commission members.

Regent Fish noted that this procedure represented a major change in how projects were presented to the Building Commission.

Mr. Brown added that the \$5 million in general fund-supported borrowing had been included in the capital budget priority list as the first half of the \$11 million chilled water system project, the second phase of which would come forward in 1989-91.

Regent Davis asked if the facility could meet 1993 Wisconsin air emission standards without further modification and if one or more of the bills in Congress concerning sulfur dioxide and nitrous oxide emissions would require expensive retrofitting if passed.

Vice President Brown indicated that air emission standards were being addressed by the bag house system which was in place.

Mr. Frank Rice, UW-Madison Director of Physical Plant, added that the coal now being utilized met all state requirements. No indication had been received from the Department of Natural Resources that there would be a problem in compliance with the 1993 standards.

Regent Davis commented that, if massive capital retrofitting were required by federal legislation, it might be cost effective to consider having the service provided by another entity.

Noting that the bag house had been designed to accommodate sulfur removal, Mr. Rice explained that, in a long-range study done two years ago, it had been concluded that in the next 40 years it would not be cost effective to buy the steam from the Madison Gas and Electric Company.

Regent Davis expressed concern about spending monies of this magnitude if it were not known what the potential financial impacts would be of the law taking effect in 1993, as well as proposed laws in the Congress.

It was noted by Mr. Rice that \$8 million of the \$11 million was for the distribution system which would need to be in place regardless of who provided the basic power.

Mr. Brown pointed out that the plant also had the capability of burning oil and gas in the event that sulfur dioxide problems were encountered.

Chancellor Shalala suggested moving forward with the plan, while also doing an immediate analysis to make sure there were no unforeseen implications. There would be time to identify any potentially serious problems before proceeding to the Building Commission.

Regent Davis felt the point was well taken that much of the plan was for non-production activity which might have to go forward anyway. The fact that there was multi-fuel capability also minimized his concern, since it would be possible to shift to gas or oil, even though those fuels would be more costly. It then would not be necessary to undertake the capital expense of putting scrubbers on the facility.

President Weinstein asked if Regent Davis would be comfortable with having action taken at this time.

Regent Davis replied in the affirmative but cautioned that potential cost impacts still should be assessed.

Regent Nikolay noted that the plans could be modified in accordance with any changes on state or federal rules. He asked if Regent Davis would suggest any changes at this time, and Regent Davis replied in the negative.

Regent Nicholas expressed concern about the possibility of shifting to a costlier fuel.

Regent Davis noted that a capital retrofit to meet emission standards would be much more expensive than switching to another fuel. The decision then would be whether to make the change or to retrofit or to shut down the operation.

Regent Fish pointed out that pertinent information concerning previous board action had not been included in the agenda materials but was in a separate booklet. He requested that in the future such information be included in the agenda materials themselves, rather than being sent as a supplement.

Put to the vote, Resolution 4028 was adopted unanimously by the board.

Ed + Lad -
UW-River Falls Approval of Sanitary Sewer Easement and Authorization to Execute Construction Easement R 4029, pp 20-21

Regent Nikolay reported unanimous committee approval of a request from UW-River Falls to grant a temporary and permanent easement to the City of River Falls for construction of a sanitary sewer. While there would be no direct benefit to the university from this construction, there also would be no adverse impact. Therefore, the committee concurred with staff that the easements should be granted in the interest of being a good neighbor. The proposed lease was modified to strike out the word "heirs."

The following resolution was unanimously adopted by the board, upon motion by Regent Nikolay, seconded by Regent Heckrodt:

Resolution 4029: That, upon the recommendation of the UW-River Falls Chancellor and the President of the University of Wisconsin System, authorization be granted to the President or Vice President and Secretary or Assistant Secretary of the Board to grant to the City of River Falls a Temporary Sanitary Sewer Construction Easement 40 feet wide and 1426.4 feet in length and a Perpetual Sanitary Sewer Easement 20 feet wide and 1416.4 feet in length under the following described property:

A parcel of land located in the Southwest 1/4 of Section 6, T27N, R18W, City of River Falls, Pierce County, Wisconsin

More detailed legal descriptions of the areas involved in the proposed easements are on file in the Board of Regents office.

UW Center - Bldg & Land -

UW Center-Sheboygan County: Approval of Remodeling Project and of Request for Movable Equipment *ah*

o R 4030, p. 21

The committee unanimously approved a request for a \$139,850 remodeling project for the UW Center-Sheboygan County, to be funded by the county. The resolution had been revised to request \$45,740 of movable equipment using budgeted state funds, to reflect the results of informational bids received for library shelving which were \$10,490 higher than had been estimated. After discussing the request with Dean Barbara Losty and Chancellor Portch, the committee unanimously concurred with the revised recommendation.

UW Center-Sheboygan County - Approval of remodeling project & request for
Resolution 4030 was unanimously adopted by the board, upon motion by Regent Nikolay, seconded by Regent Heckrodt. *movable equipment, R 4030, p. 21*

Resolution 4030: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, approval be granted:

- (a) To Sheboygan County to remodel and improve various existing spaces, on the UW Center - Sheboygan County campus, for an estimated total project cost of \$139,850 of Sheboygan County funds; and
- (b) To purchase movable equipment at a revised estimated cost of \$45,740 from 1987-89 General Fund Supported Borrowing.

Approval of Minor Projects

Regent Nikolay reported unanimous committee approval of a series of eight minor projects involving UW-Eau Claire, UW-Milwaukee, UW-Oshkosh and UW-Superior, at a total cost of \$1,001,400. The committee was pleased to note that the UW-Milwaukee exterior lighting system project would qualify for an energy conservation rebate from the Wisconsin Electric Power Company of approximately 25 percent of the \$125,000 project cost.

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

Resolution 4031: That, upon the recommendation of the UW System Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the budgets and from the funding sources indicated. The funding sources are summarized as follow:

Program Revenues	\$ 889,800
1987-89 Minor Project Funds	32,000
Statewide Energy Conservation Funds	89,600
	<u>\$1,001,400</u>

UW-Eau Claire - Bldgs & Land - Approval of

→ School of Nursing Window Replacement, ~~\$32,000~~, ~~Minor Project Funds~~ and

→ Hilltop Center Recreation Office Remodeling, ~~\$47,000~~, ~~Program Revenues~~ R 4031, p. 22

UW-Milwaukee - Bldgs & Land - Approval of

→ Energy Conservation Exterior Lighting System project, ~~\$125,000~~ (~~Energy Conservation Funds~~, ~~\$89,600~~ and ~~Program Revenues~~, ~~\$35,400~~) and

→ Student Union Retail Space Development, ~~\$248,500~~, ~~Program Revenues~~

→ Sandburg Hall North Tower Domestic Water Piping Replacement, ~~\$190,000~~, ~~Program Revenues~~ R 4031, p. 22

UW-Oshkosh - Bldgs & Land - Approval of

→ Webster Residence Hall Water/Sewer Piping and ~~\$105,000~~, ~~Program Revenues~~

→ Elmwood Commons Elevator and Toilet Room Modifications, ~~\$190,000~~, ~~Program Revenues~~ R 4031, p. 22

UW-Superior - Bldgs & Land - Approval of

→ Hawkes Hall Parking Lot, ~~\$74,400~~, ~~Program Revenues~~ R 4031, p. 22

x ref Parking Areas - Approval of Hawkes Hall Parking lot at UW-Superior, R 4031, p. 22

Report of the Vice President

Several informational reports which required no action by the committee were provided. These related to bid openings and to State Building Commission actions on UW System requests at its March 31 meeting.

UW-Eau Claire - Bldg & Land - Closed session of PPD Committee consideration of

Closed Session

~~The committee then recessed into closed session for the purpose of considering personal histories relating to the naming of a facility, at UW-Eau Claire, as permitted by sec 19.85(1)(f), Wis. Stats.~~ *P. 23*

Heating Plant - Regent

Tour of UW-Madison Walnut Street Heating Plant and Tunnels *P. 23*

Immediately following the committee meeting, there was a tour by the committee of the tunnel areas associated with the steam line explosion last fall and then a visit to the Walnut Street Heating Plant. Regent Nikolay stated that the special efforts of the staff involved with the arrangements for this tour, as well as the tour of the hospital, were appreciated and that such tours were very beneficial to understanding the operations of various programs.

REPORT OF THE EDUCATION COMMITTEE

Chairman Grover reported for the committee.

Report of the Vice PresidentRemedial Education - *Report on*

~~Vice President Trani reported to the committee that the System Task Force on Remedial Education, chaired by Dean William Halloran of UW-Milwaukee, had completed a first draft of its report, and the final document should be ready to present to President Shaw before the end of April. The president planned to make a preliminary report to the board in June and to make a final report to the board, with recommendations, in September.~~ *P. 23*

Centers of Excellence - *Advisory committee to be appointed, P. 23*

Speaking to the committee about Centers of Excellence, Vice President Trani said a systemwide Centers of Excellence Advisory Committee would be appointed. Proposals were due from the institutions on July 1, with recommendations to be made to the board in September.

Awards - 2 UW-Madison Sloan Fdn. award recipients & 3 UW-Madison NSF Presidential Young Investigators award recipients, p. 24
Recent Award Recipients

The committee was advised that Associate Professor James L. Powell and Assistant Professor John P. Rust, both of the Department of Economics, UW-Madison, were among the 90 young scientists nationally who had been awarded \$25,000 research fellowships by the Alfred P. Sloan Foundation.

Three other UW-Madison researchers had been named winners of the National Science Foundation Presidential Young Investigators Awards. Cited as outstanding young faculty members, the UW-Madison winners were: molecular biology and genetics Professor Sean B. Carroll; electrical and computer engineering Professor Christopher L. DeMarco; and forestry Professor Peter B. Reich. These three were among 148 award recipients, chosen from more than 1,800 nominations. Each award provided an annual \$25,000 base grant which, with NSF funds available to match grants from industry, could raise total research support possible to \$100,000 per year for five years. These were among the most prestigious awards available to promising young scholars.

Vilas Trust Estate - Request for funds, R 4032, pp 24-26

Request to the Trustees of the William F. Vilas Estate

Reporting unanimous committee approval of Resolution 4032, Regent Grover moved its adoption by the board. The motion was seconded by Regent Hanson, and unanimously carried.

Resolution 4032: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the Chancellor of the University of Wisconsin-Milwaukee, and the President of the University of Wisconsin System, the Board of Regents requests that the Trustees of the William F. Vilas Trust Estate supply the following funds for the fiscal year July 1, 1988 to June 30, 1989, subject to the availability of funds, as provided by the terms of the William F. Vilas Trust:

- | | |
|---|--------------|
| (1) Continuation of 10 Vilas Undergraduate Scholarships at \$400.00 each | \$ 4,000.00 |
| (2) Continuation of 10 Vilas Graduate Fellowships: | |
| a. 5 at \$600.00 each | \$3,000.00 |
| b. 5 Traveling Fellowships at \$1,500.00 each | 7,500.00 |
| | \$ 10,500.00 |
| (3) Continuation of 16 Vilas Research Professorships at \$10,000.00 plus auxiliary allowances of \$15,000.00: | \$400,000.00 |

Leonard Berkowitz - Vilas Research Professor of Psychology, College of Letters and Science, UW-Madison

R. Byron Bird - Vilas Research Professor of Chemical Engineering, College of Engineering, UW-Madison

George E. P. Box - Vilas Research Professor of Mathematics and Statistics, College of Letters and Science, UW-Madison

Arthur S. Goldberger - Vilas Research Professor of Economics, College of Letters and Science, UW-Madison

Reinhold Grimm - Vilas Research Professor of Comparative Literature and German, College of Letters and Science, UW-Madison

Ihab Hassan - Vilas Research Professor of English and Comparative Literature, College of Letters and Science, UW-Milwaukee

Robert M. Hauser - Vilas Research Professor of Sociology, College of Letters and Science, UW-Madison

Jost Hermand - Vilas Research Professor of German, College of Letters and Science, UW-Madison

H. Jerome Keisler - Vilas Research Professor of Mathematics, College of Letters and Science, UW-Madison

Willard F. Mueller - Vilas Research Professor of Agricultural Economics, College of Agricultural and Life Sciences, UW-Madison

Walter Rudin - Vilas Research Professor of Mathematics, College of Letters and Science, UW-Madison

Yi-Fu Tuan - Vilas Research Professor of Geography, College of Letters and Science, UW-Madison

Jan Vansina - Vilas Research Professor of History, College of Letters and Science, UW-Madison

Howard Weinbrot - Vilas Research Professor of English, College of Letters and Science, UW-Madison

Vilas Research Professors to be appointed - 2

(4) a.	Continuation of 50 additional scholarships at \$400.00 each	\$ 20,000.00	
b.	Continuation of 50 additional fellowships at \$600.00 each	30,000.00	\$ 50,000.00
(5)	Continuation of eighty (80) additional scholarships at \$400.00 each under the provisions of Paragraph (3), Article 4 of the Deed of Gift and Conveyance by the Trustees of the Estate of William F. Vilas		\$ 32,000.00
(6)	Retirement benefits for six (6) Vilas Professors (Fellman, Hurst, Lardy, Sanchez-Barbudo, Sewell, Willard) at \$2,500.00 each		\$ 15,000.00
(7)	Continuation of support for encouragement of merit and talent or to promote appreciation of and taste for the art of music:		
a.	UW-Madison: Festival of 14th-16th Century Music		\$ 18,500.00
b.	UW-Milwaukee: 1989 International Art Song Festival		\$ 15,000.00
(8)	Eighteen (18) Vilas Associates in Arts and Humanities		\$278,000.00
(9)	One-time special funding for:		
	Professor Leonard Berkowitz	\$ 3,000.00	
	Professor George Box	37,170.00	
	Professor Ihab Hassan	15,000.00	\$ 55,170.00
TOTAL VILAS REQUEST			<u>\$878,170.00</u>

Academic Staff -

Informational Report on Academic Staff Professional Development Grants, 1988-89, p. 26

The committee reviewed a list of proposals accepted for funding in the fourth year of this program, which was established as a response to concerns identified during the Academic Staff review conducted by the regents several years previously. The UW System budgeted \$150,000 for this program, which provided a 2-to-1 match with institutional funding. The listed proposals constituted about half of the 1988-89 awards. The second half would be reported in November.

Academic Programs -

Approval of Five-Year Review: Ph.D., Hebrew and Semitic Studies,
UW-Madison

R4033,
p.27

Reporting unanimous committee approval of Resolution 4033, Regent Grover moved its adoption by the board. The motion was seconded by Regent Davis and carried unanimously.

Resolution 4033: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Ph.D. in Hebrew and Semitic Studies be continued, with the understanding that it will be included within that institution's normal program evaluation process.

Regent - Policy -

Revision of Regent Policy #72-18 (Regent Resolution 325: Search and Screen Procedures for Chancellors, Executive and Academic Vice Presidents), R4034, pp 27-34

Noting a number of editorial changes in the committee approved resolution, Regent Grover pointed out that the substantive revision was contained in Section 3 (e), which stated: "At the option of the System President, one community representative selected by the System President," could be appointed to search and screen committees.

After hearing testimony from several institutional representatives, the committee passed the resolution, with Regent Hanson voting "No."

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

That, upon the recommendation of the President of the University of Wisconsin System, Resolution ~~89~~ 325 (of 11-3-72) of this Board is hereby revised as follows:

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

1. Upon indication of such vacancy, the President of the Board ~~would~~ shall promptly designate a Special Regent Committee consisting of not less than three nor more than five Regents to be involved in the selection process for a replacement ~~consisting of not less than three nor more than five Regents~~. The Board President ~~would~~ shall designate a ~~chairman~~ person of the Special Committee.

Chancellors - (same)

X ref Vice Presidents - (same)

X ref President, System - (same)

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

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

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

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

4. The Search and Screen Committee ~~would~~ shall subsequently return a list to the System President of at least five individuals that it ~~felt~~ believes ~~were~~ are qualified, in unranked order, along with an alphabetical list of all persons considered. Delivery of the list shall be at a joint meeting of the Search and Screen Committee, the System President

and the Special Committee in order that the System President and the Special Committee ~~can~~ may receive an oral presentation on each of the candidates recommended. The Search and Screen Committee ~~would~~ shall then be discharged, provided, that, if no ~~person~~ name contained in the initial list presented by the Search and Screen Committee is accepted, the Search and Screen Committee shall be reactivated and asked to provide a second list of at least five additional candidates.

5. The System President, in conjunction with the Special Committee, ~~would~~ shall review all of the recommended candidates and interview those they desired. The System President ~~would~~ shall then make his/her recommendation to the Special Committee which in turn ~~would~~ makes its report on the System President's recommendation to the Board.

6. Final approval of the System President's selection shall be made by the Board of Regents.

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

This process shall apply to such other positions as the Board shall from time to time determine ~~under~~ Resolution #80.

Regent Weinstein asked if the revision to section 3.e. was the only substantive change to the policy, and Regent Grover replied in the affirmative.

Regent Schilling suggested as a further editorial revision that the words "Special Committee" be changed to "Special Regent Committee" wherever they appeared in the resolution.

With acceptance by Regents Grover and Davis, as those who made and seconded the motion, the resolution was editorially amended to read as follows:

Resolution 4034: That, upon the recommendation of the President of the University of Wisconsin System, Resolution ~~88~~ 325 (of 11-3-72) of this Board is hereby revised as follows:

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

1. Upon indication of such vacancy, the President of the Board ~~would~~ shall promptly designate a Special Regent Committee consisting of not less than three nor more than five Regents to be involved in the selection process for a replacement ~~consisting of not less than three nor more than five Regents~~. The Board President ~~would~~ shall designate a ~~chairman~~person of the Special Regent Committee.

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

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

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

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

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

5. The System President, in conjunction with the Special Regent Committee, ~~would~~ shall review all of the recommended candidates and interview those they desired. The System President ~~would~~ shall then make his/her recommendation to the Special Regent Committee which in turn ~~would~~ shall make its report on the System President's recommendation to the Board.

6. Final approval of the System President's selection shall be made by the Board of Regents.

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

This process shall apply to such other positions as the Board shall from time to time determine ~~under~~ Resolution #80.

Regent Hanson noted that the wording in paragraph 3.e. was permissive rather than directive, with regard to placing a community member on the committee. To make it even more permissive, she moved that the words "and, in the case of the Search and Screen Committee for a Chancellor after appropriate consultation with the campus community" be added after the words "by the System President." The reference to campus community was not intended to be exclusive and could include boards of visitors, faculty, academic staff, or student representatives.

Regent Clusen seconded the motion for the purpose of permitting discussion, but was concerned about requiring the president to ask permission of the campus community to appoint a community member.

Explaining the purpose of the amendment, Regent Hanson said that the committee had been advised that, while some institutions might not object to a community representative, other institutions definitely would oppose it. While the current president would surely consider the prevailing attitude of the campus community, a future president might choose to disregard it. Her amendment sought to avoid that situation.

Regent Davis asked whether the consultation would be about who the member should be, versus whether there would be a community member at all.

Regent Hanson replied that the intent was that the consultation would be about whether or not there would be a community member.

Regent Davis said he was more comfortable with a consultation on who the member would be, as opposed to allowing the campus to make a judgment on whether there should be a member at all. Therefore, he was not supportive of the amendment.

Commenting that the campus community might be difficult to define, Regent Grover stated his opposition to giving the campus authority to veto the president's ability to appoint a community member. Secondly, he observed that the system president certainly would consult campus leaders without such a requirement. It seemed to him, therefore, that the procedure as originally proposed was adequate.

While he intended to take into consideration the desires of the campus, President Shaw said he would feel uncomfortable if he were prevented from appointing a community member because there was campus opposition. It might be, he observed, that such an attitude could in fact indicate more need for community representation than in other situations.

Put to a voice vote, the amendment was defeated.

Regent Davis moved that paragraph 3.e. be modified to read: "At the option of the System President, community representatives selected by the System President," so that the system president would have the ability to add one or more community representatives to the search committee. The motion was seconded by Regent Nicholas.

Explaining the purpose of his amendment, Regent Davis said he saw no reason to impose an artificial limit on the number of community representatives. The policy still would provide that the majority of the search committee would be faculty, and the system president could make the committee as large or small as desired. The president also would retain the option of not appointing any community representative.

Regent Clusen observed that the amendment would raise the issue in every case of how many community members there should be and would result in pressure for representation from various interests. While she strongly supported the idea of appointing one community representative, she opposed adding more than one. She felt that the new concept should be tried first, with recognition that if it were successful, such a change could be considered later, but that the new policy should not be initiated without any parameters.

Regent Schilling concurred with Regent Clusen's comment.

Regent Hassett also agreed. While he thought addition of a community representative would enhance the process and promote good public relations, he cautioned that removal of the limit would subject the president to pressures from a variety of different groups.

Regent Davis noted that there also would be pressures involved in selecting a single community member and that there were already pressures from groups within the institution who sought representation. He thought the president could be expected to balance such competing interests in making decisions.

In response to a question by Regent Jarvis, President Shaw said he was comfortable with the original resolution because the concept was new to Wisconsin. There was also a practical limit on how large he would want the committee to be. Addition of each community member would require adding a faculty member to maintain a faculty majority.

Regent Fish stated his support for one community representative, noting that desire for community involvement often stemmed from the wish to express views regarding local candidates. He thought such evaluation from the community perspective could be provided effectively by one representative.

Regent Davis withdrew his proposed amendment, with concurrence by Regent Nicholas.

Regent Lyon urged that the community representative be selected from the membership of the board of visitors, foundation or alumni groups, since these were people with demonstrated interest in and commitment to the university. This would be an opportunity to provide such people with meaningful participation in an important university decision.

Referring to procedural difficulties encountered in making a recent appointment, Regent Davis noted that paragraph 6 of the resolution was dispositive of that issue and that this might be the time to consider opinions on the matter.

Regent Weinstein noted that, in a letter of January 27 to the regents, he had requested reactions to three options for changing the process. First, the board as a whole could function as the Regent Selection Committee; second, a special meeting of the board could be called; third, the appointment could be delegated to the Regent Selection Committee. Responses were given by Regent Davis, Regent Lyon, and Regent Nikolay, all of whom preferred the third option.

Regent Weinstein referred to another possibility, suggested by Regent Lyon, that interviews be conducted as close in time as possible to scheduled board meetings.

If the committee were to make the final selection, Regent Grover felt any regent should have the option of being a member of the committee. Provided that the interviews were well timed, he thought the existing process should be retained, since it had worked satisfactorily over time.

Regent Fish stated that, although he believed in the committee system and had no problem with the Regent Selection Committee making the recommendation, he did not believe that the full board should ever relinquish its right to make the final decision.

Put to the vote, Resolution 4034 was adopted, with Regents Hanson and Vattendahl voting "No."

Regent - Policy -

Revision of Regent Policy #76-3 (Regent Resolution 1303: Granting of Degrees, Honors, and Awards), R 4035, pp 34-35

The Education Committee unanimously approved Resolution 4035, which would extend to the eleven regional universities authority to bestow honorary doctoral degrees on individuals of exceptional accomplishment and distinction who had made significant contributions to the university, region, state, nation, or within their fields of endeavor. No institution would be obligated to award honorary degrees under this policy.

X ref Awards - (same)

Regent Grover moved and Regent Davis seconded adoption by the board of the following resolution:

Resolution 4035: That, upon the recommendation of the President of the University of Wisconsin System, Resolution ~~140~~ 1303 (~~of 4/7/72~~ of 9-17-76) of this Board is hereby revised as follows:

That the Board of Regents authorizes the granting of degrees and certificates for Regent-approved instructional programs, from time to time, by each of the degree granting institutions of the University of Wisconsin System, to such candidates as are certified by the appropriate Registrar as having met the requirements for their appropriate degrees and certificates, and who are not, at Commencement, under disciplinary action or under charges that could lead to suspension or expulsion; that each Registrar keep a permanent record of degrees and certificates granted; and that each degree granting institution of the University of Wisconsin System be authorized to award ~~such/honors~~ honorary degrees. Distinguished service awards, special medals, and prizes as are customary at Commencement/exercises may be awarded by any UWS institution.

In response to a request by Regents Hassett and Fish, Vice President Trani explained that the policy revision would be implemented through Unclassified Personnel Guideline #11, which would specify conditions for

granting honorary degrees. All honorary degree nominees would require approval by the Board of Regents. There would be a prohibition against awarding honorary degrees to public officials and political appointees, including members of the Wisconsin Legislature and the Wisconsin Congressional Delegation, other elected and appointed officials, members of the state judiciary, serving members of the Board of Regents, and UW System employees. It would provide for board review not less than two months prior to commencement, upon recommendation of the chancellor and the System President. No honorary degrees would be awarded in absentia. The guidelines would call for diversification, with particular attention to the identification of women and minority candidates to be considered for honorary degrees. The policies developed by each institution would be presented to the Board of Regents.

Regent Weinstein noted that 70 percent of four-year institutions in the United States awarded such degrees.

Regent Nicholas inquired about UW-Extension and the UW Centers.

Vice President Trani replied that those institutions were satisfied with their ability under the policy to grant special medals, prizes and distinguished service awards.

Put to the vote, Resolution 4035 was unanimously adopted by the board.

Regent - Meetings -

ADDITIONAL RESOLUTION

→ Notice and Announcement of Closed Session Matters, R 4036, pp 35-36

Introducing Resolution 4036, General Counsel Stathas said that he and Special Counsel Donald Heaney recommended adoption of this resolution for stipulation in a pending legal matter. It basically set forth the board's current practice.

Xref ?
Regent - General - (same)
Resolution 4036 was moved by Regent Davis, seconded by Regents Schilling and Jarvis and adopted unanimously.

Resolution 4036: Notices required by Section 19.84(2), Stats., and announcements required by Section 19.85(1), Stats., issued by the Board of Regents or any authorized spokesperson therefor, shall describe:

(a) The subject matter of any action, upon which action may be taken during any session closed to the public pursuant to Section 19.85(1), unless disclosure of same would result in the same prejudice to the public interest that discussion of the subject matter in open session would cause, in which case a general description may be used; and

(b) The type of action which is contemplated at any session for each item, i.e., receiving information, discussing, considering, deliberating upon or voting.

[Secretary's Note: Any amendment or repeal of this resolution should be noticed to Attorney Robert A. Christensen, C/O Foley and Lardner.]

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UNFINISHED OR ADDITIONAL BUSINESS

Administrative Code - update on status of UWS 6.02, p. 36
UWS 6.02 Wisconsin Administrative Code

Regent Davis inquired as to the status of proposed amendment of this provision which dealt with faculty grievances.

Regent Schilling replied that copies of the proposal had been distributed to the institutions for reaction.

President Shaw added that responses were due by April 30. A recommendation was expected to be brought to the board in May or June.

Faculty - Letter from Regent Emeritus DeBardeleben on faculty workload, p. 36

Responses to Letters

Regent Clusen asked if there had been a reply to a recent letter from Regent Emeritus Arthur DeBardeleben regarding regent comments on faculty workload.

DeBardeleben, Arthur - Letter commenting on faculty workload, p. 36
 President Weinstein said that he intended to respond.

Regent Fish added that in his reply he had pointed out that some of the remarks to which Mr. DeBardeleben objected actually were in agreement with his view, in that they related to the difficulty of accurately reflecting the time spent by faculty on their diverse activities.

Regent Weinstein added that the board's strong support of faculty in the legislative arena also should be credited.

Regent Nicholas asked if all letters to the board were answered. President Weinstein replied that he attempted to respond to all letters he received and sent copies of many of them to all regents. Other regents also replied to letters at their own discretion.

Regent Davis added that System Administration would provide answers to such letters if requested.

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At 11:20 a.m., the following resolution, moved by Regent Schilling, and seconded by Regent Davis, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, Doughty Luckhardt, Fish, Grover, Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 4037: 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 naming of a facility at UW-Eau Claire after a person, as permitted by s. 19.85(1)(f), *Wis. Stats.*, and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

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CLOSED SESSION ACTIONS

The board arose from closed session at 11:50 a.m. No actions were taken. Resolutions 4038 and 4039 were adopted by the board in closed session on February 5, 1988, but were not announced, pending campus receipt of acceptance from the nominees.

Resolution 4038: That, upon recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the following persons be awarded honorary degrees, to be conferred at commencement in May 1988 at the University of Wisconsin-Madison, subject to acceptance by the nominees:

Honorary Degrees

- To be conferred 5/88 to
 Charles Bradley, ~~Doctor of Environmental Science~~
 Nina Leopold Bradley, ~~Doctor of Environmental Science~~
 Raymond George Herb, ~~Doctor of Science and~~
 Sir Ronald Syme, ~~Doctor of Humane Letters~~

R 4038, p. 37

UW-Milwaukee

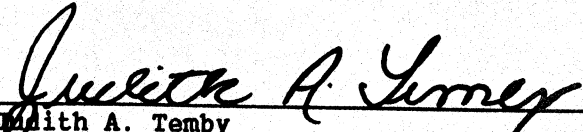
- Honorary degrees for 5/88 to
 Resolution 4039: That, upon recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the following persons be awarded honorary degrees, to be conferred at commencement in May 1988 at the University of Wisconsin-Milwaukee, subject to acceptance by the nominees:

UW-Milwaukee
 Edith N. Finlayson, ~~Doctor of Public Service and~~
 Sheldon B. Lubar, ~~Doctor of Commercial Science~~

R 4039, p. 37

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The meeting was adjourned at 11:50 a.m.



Judith A. Temby
Secretary

April 28, 1988

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. UPON THE REQUEST OF THE DEAN THE TERMS BE
CHANGED TO PROVIDE FOR SCHOLARSHIPS IF NOT NEEDED
FOR STUDENT LOANS.
JAYNE, CORA I.--LOAN FUND
MSN BUS SV BURSAR (TRUST)
2. AT THE REQUEST OF THE DEAN THE TERMS BE CHANGED TO
PROVIDE AN ANNUAL AWARD TO A RESIDENT SELECTED BY
THE UROLOGY DEPARTMENT.
SISK, DR. IRA--MEMORIAL FUND
MSN HS-MED SURGERY UROLOGY (TRUST)
3. IOWA STATE UNIVERSITY
AMES, IA
PRIME CONTRACTOR WITH AGRIC
COMMUNITY REVITALIZATION
FOR THE PERIOD 12-01-85 THROUGH 03-31-88
AT A TOTAL COST OF \$10,619.00
AWARD # 86-3, MOD. 1
MSN AG&LSC NR-LANDSCAP ARCH (144-X747) 5,000.00
4. CANADIAN ELECTRICAL ASSOCIATION
MONTREAL, QUEBEC, CANADA
ENHANCEMENT OF THE EMTP PROJECT COORDINATOR
FOR THE PERIOD 07-01-86 THRU 06-30-88
AWARD # 175 T 331F
MSN ENGR ENGR PRFSNL DVLP (133-K821) 40,000.00
5. MOBAY CORPORATION
KANSAS CITY, MO
SUPPORT WEED CONTROL RESEARCH PROGRAM
MSN AG&LSC AGRONOMY (133-7714) 500.00
6. WISCONSIN CROP IMPROVEMENT ASSOC.
MADISON, WI
SUPPORT CROP EVALUATION
MSN AG&LSC AGRONOMY (133-8685) 40,000.00

GIFT-IN-KIND

1. PRINCETON UNIVERSITY (PLASMA PHYSICS LABORATORY)
PRINCETON, NJ
33 TURN MAGNET COILS
MSN ENGR ELEC & COM ENGR ELEC&COMP
2. HONEYWELL, INC.
BLOOMINGTON, MN
WAFER SCRIBER
MSN ENGR ELEC & COM ENGR ELEC&COMP
3. UNIVERSITY SURGICAL ASSOCIATES
MADISON, WI
JOAN MIRO "THROUGH THE MIRROR" ORIGINAL UNSIGNED
LITHOGRAPH; MARC CHAGALL "PARIS OPERA CEILING"
ORIGINAL UNSIGNED LITHOGRAPH; "THE BAY OF ANGELS"
ORIGINAL UNSIGNED LITHOGRAPH.
MSN HS-MED SURGERY

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

4. UNIVERSITY SURGICAL ASSOCIATES
MADISON, WI
HAROLD ALTMAN: "BRIDLE PATH 1985" ORIGINAL
LITHOGRAPH; "THE READER 1987" ORIGINAL LITHOGRAPH;
"SPRING BLOSSOMS" ORIGINAL LITHOGRAPH; "WINTER
WALK" ORIGINAL LITHOGRAPH.
MSN HS-MED SURGERY
5. UNIVERSITY SURGICAL ASSOCIATES
MADISON, WI
JOSEPH RAFFAEL "NEW BEGINNINGS" ORIGINAL
LITHOGRAPH, SIGNED: APPEL "MOVING IN BLUE"
ORIGINAL LITHOGRAPH, SIGNED.
MSN HS-MED SURGERY
6. MRS. NEVA KROHN
CHICAGO, IL
TWO ETCHINGS AND TWO COLOR LITHOGRAPHS
MSN L&S ELVJM MUSEUM ART
7. MR. WARRINGTON COLESCOTT AND MS. FRANCES MYERS
HOLLANDALE, WI
FOUR ORIGINAL PRINTS
MSN L&S ELVJM MUSEUM ART
8. MR. AND MRS. MARVIN L. FISHMAN
MILWAUKEE, WI
FORTY-FIVE GERMAN PRINTS
MSN L&S ELVJM MUSEUM ART
9. DR. KRISTAPS J. KEGGI
WATERBURY, CT
TWENTY PHOTOGRAPHS FROM SURVEY 1986 (PORTFOLIOS
8 AND 9)
MSN L&S ELVJM MUSEUM ART
10. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
POL BURY, TEN TRIANGLES ON A CIRCLE, WOOD
ENGRAVING.
MSN L&S ELVJM MUSEUM ART
11. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
VLADIMIR GAZOVIC, 5 LITHOGRAPHS AND 1 PAINTING
MSN L&S ELVJM MUSEUM ART

INSTRUCTION

1. MIDWEST UNIVERSITIES CONSORTIUM
FOR INTERNATIONAL ACTIVITIES, INC.
CHAMPAIGN, IL
PRIME CONTRACTOR WITH AID
GENERAL PARTICIPANT TRAINING II PROJECT
(LOAN FUNDS)
FOR THE PERIOD 06-22-84 THROUGH 06-22-88
AT A TOTAL COST OF \$7,245,804.00
AWARD # AGR. DTD. 8/24/84, MOD. 4
MSN ENGR ENGR EXPR STA INTL ENGRG (144-U958) 572,959.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

2. U. W. SYSTEM ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DED
EDUCATION FOR ECONOMIC SECURITY ACT TITLE II
(FAST PLANTS) (\$18,000.00)
FOR THE PERIOD 02-11-88 THROUGH 09-30-88
AWARD # CK #1339230
MSN AG&LSC PLANT PATHOLOGY (144-AE97)
3. U. W. SYSTEM ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DED
GENETICS FOR MIDDLE & HIGH SCHOOL TEACHERS
(\$34,000.00)
FOR THE PERIOD 01-01-88 THROUGH 09-30-88
AWARD # CK #1339230
MSN HS-MED GENET CLIN PROG (144-AE98)

LIBRARIES

1. MULTIPLE DONORS
FRIENDS OF THE STEENBOCK LIBRARY
MSN LIBR STEENBOCK AG LIB (133-E402) 159.40
2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SECURITY SURVEY
MSN L&S ELVUM MUSEUM ART (133-E932) 32,100.00
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MUSIC LIBRARY NEEDS
MSN LIBR GEN OPERATIONS LIB ACQSTN (133-M750) 200.00

MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GENERAL HISTORY OF CARTOGRAPHY PROJECT
MSN L&S GEOGRAPHY (TRUST) 14,725.31
2. CONTINENTAL BANK
CHICAGO, IL
SCHULTE, HELEN D. TRUST
SCHULTE, HELEN DENNE--LOAN FUND
MSN HS-NUR (TRUST) 7,286.68
3. BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT
OF PHYSICS
MSN L&S PHYSICS (TRUST)
100.00 SELOVE, WALTER & FAY
PHILADELPHIA, PA
50.00 FRANKLYN LEVIN
HOUSTON, TX

150.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

4. SELOVE, WALTER & FAY
PHILADELPHIA, PA
RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT
OF PHYSICS
MSN L&S PHYSICS (TRUST) 100.00
5. CITIBANK, N.A.
NEW YORK, NY
WEEKS, LEWIS G. TRUST
WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS
MSN L&S GEOL & GEOPHYSICS (TRUST) 60,000.00
6. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK, HARRY--PROFESSORSHIP IN MATHEMATICAL
SCIENCES
MSN GRAD L&S MATH (TRUST) 25,000.00
7. MULTIPLE DONORS
RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT
OF PHYSICS
MSN L&S PHYSICS (TRUST) 30.00
8. WAUSAU INSURANCE COMPANIES
WAUSAU, WI
MEDICAL SCHOOL CLASS OF 1939-FIFTIETH
ANNIVERSARY TRUST
MSN HS-MED (TRUST) 100.00
9. MULTIPLE DONORS
MILLER, ELIZABETH C.--MEMORIAL FUND
MSN HS-MED ONCOLOGY (TRUST) 50.00
10. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
INCOME ONLY FOR A PROFESSORSHIP TO ENCOURAGE
OUTSTANDING RESEARCH IN THE FIELD OF NUTRITIONAL
SCIENCES.
VAN DONK, KATHERINE BERNES--PROFESSORSHIP IN
NUTRITION
MSN GRAD (TRUST) 100,000.00
11. AGRICULTURE, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) TC110-5 DEVELOPMENT OF AGRICULTURAL EXTENSION
PROGRAMS-SEC I AND SEC II
FOR THE PERIOD 03-01-88 THROUGH 12-31-88
AWARD # 53-319R-6-053 MOD, MOD. 3
MSN AG&LSC INTL AG PRGS-ADM (144-AF23) 45,354.14
 - 2) TECHNICAL COURSE 140-32 KEYS TO AGRICULTURAL
DEVELOPMENT
FOR THE PERIOD 03-01-88 THROUGH 12-31-88
AWARD # 53-319R-6-031, MOD. 3
MSN AG&LSC INTL AG PRGS-ADM (144-AF24) 17,756.03

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

- 3) DEVELOPMENT AND OPERATION OF AGRICULTURAL
EXTENSION PROGRAMS-SECTION I AND SECTION II
FOR THE PERIOD 04-30-86 THROUGH 12-31-87
AWARD # 53-319R-6-053, MOD. 4
MSN AG&LSC INTL AG PRGS-ADM (144-X865) 8,371.50
- 4) TECHNICAL COURSE 140-32 KEYS TO AGRICULTURAL
DEVELOPMENT
(REDUCTION DUE TO CANCELLATION OF COURSE SESSION)
FOR THE PERIOD 07-01-86 THROUGH 12-31-87
AT A TOTAL COST OF \$18,482.12
AWARD # 53-319R-6-031, MOD. 2
MSN AG&LSC INTL AG PRGS-ADM (144-Y020) 17,222.00-
12. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
MAINTENANCE OF RHESUS MONKEY COLONY
FOR THE PERIOD 06-24-85 THROUGH 05-08-88
AT A TOTAL COST OF \$567,739.00
AWARD # CONTRACT #263-85-D-0125, MOD. 5
MSN L&S PSYCHOLOGY PRIMATE LB 24,645.00
13. ACADEMY OF APPLIED SCIENCES
BOSTON, MA
PRIME CONTRACTOR WITH DOD ARMY
JUNIOR SCIENCE, ENGINEERING AND HUMANITIES
SYMPOSIUM
FOR THE PERIOD 10-01-87 THROUGH 06-12-88
AWARD # DO#0213
MSN AC SVC OFF OF ADMISSNS ADMISSIONS (144-AE78) 12,100.00
14. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
GREAT LAKES: GREAT MAPS
FOR THE PERIOD 02-12-88 THROUGH 10-31-88
AWARD # FY88-4(H)
MSN GRAD SEA GRANT INSTIT (144-AE81) 6,151.94
15. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
FRANK LLOYD WRIGHT AND MADISON:
A DOCUMENTARY
FOR THE PERIOD 02-12-88 THROUGH 12-31-88
AWARD # FY88-8 (H)
MSN L&S ELVJM MUSEUM ART (144-AF47) 12,789.00
16. INTERNATIONAL RESEARCH & EXCHANGES BOARD
PRINCETON, NJ
PRIME CONTRACTOR WITH STATE
CENTRAL ASIA CONFERENCE APRIL OF 88 SOVIET & EAST
EUROPEAN SCHOLARS
FOR THE PERIOD 02-19-88 THROUGH 06-30-88
AWARD # CK #07305
MSN G E A INTL STU & PROGS (144-AE90) 2,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-A117)	5,000.00
18.	SYVA COMPANY PALO ALTO, CA DISCRETIONARY FUND FOR RESEARCH AND TRAVEL MSN HS-MED MEDICINE LAB&COMP S	(133-A174)	2,000.00
19.	C.D.O. UNIVERSITY PEDIATRIC ASSOCIATION MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	48,000.00
20.	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
21.	SUPPORT GENERAL AGRONOMIC PROGRAMS MSN AG&LSC AGRONOMY	(133-B356)	
	500.00 DAIRYLAND RESEARCH INTERNATIONAL CLINTON, WI		
	250.00 MULTIPLE DONORS		
	250.00 MULTIPLE DONORS		
			1,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPERIOR TEACHING ASSISTANTS AWARDS MSN GRAD	(133-B520)	2,500.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC AG ENGINEERING	(133-C852)	5,143.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN OUT DE P SV-ARTS	(133-D560)	13,066.58
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	15,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HASLER FUND FOR PRODUCTION OF CLASS MATERIALS FOR DEPARTMENT OF GERMAN MSN L&S GERMAN	(133-E860)	1,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNUAL LANGUAGE DEPARTMENT PLAY MSN L&S FRENCH & ITALIAN	(133-E902)	750.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNUAL LANGUAGE DEPARTMENT PLAY MSN L&S SPANISH & PORT	(133-E903)	750.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANUFACTURING SYSTEMS ENGINEERING CURRICULUM MSN ENGR ENGR EXPER STA MFG SY ENG	(133-F912)	8,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	10,000.00
31.	NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING, INC. NOTRE DAME, IN 1987-8 GEM FELLOWSHIP PROGRAM MSN GRAD	(133-G513)	3,244.15
32.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE	(133-G652)	14,195.06
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNUAL LANGUAGE DEPARTMENT PLAY - GERMAN MSN L&S GERMAN	(133-H969)	750.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - REAL ESTATE MSN BUS SCH OF BUSINESS	(133-J190)	9,437.32
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS	(133-J620)	978.00
36.	PERGAMON JOURNALS, INC. ELMSFORD, NY EDITORIAL OPERATION OF JOURNAL OF SOLAR ENERGY MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-J634)	750.00

GIFTS, GRANTS AND CONTRACTS
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37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)	600.00
38.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,500.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELIZABETH AND CARL LINK LECTURE SERIES MSN G E A INTL STU & PROGS (133-K180)	2,000.00
40.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201)	280.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S EDUCATIONAL IMPROVEMENT GRANTS MSN HS-MED (133-K246)	7,827.80
42.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	595.50
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MELROSE MOTION COMPANY, MODERN DANCE THEATRE MSN EDUC PHYS ED & DANCE DANCE (133-K714)	500.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB (133-K748)	6,000.00
45.	G.D. SEARLE & CO. SKOKIE, IL DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE GEN INT MD (133-K814)	500.00
46.	WISCONSIN STUDENT PLANNING ASSOCIATION MADISON, WI WISCONSIN STUDENT PLANNING ASSOCIATION - LIBRARY FUND MSN L&S URBAN & REG PLAN (133-K866)	60.00
47.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995)	20.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

48.	SOIL SCIENCE SOCIETY OF AMERICA MADISON, WI EXPENSES ASSOCIATED WITH DUTIES AS PRESIDENT ELECT OF SSSA FOR THE PERIOD 12-01-86 THRU 11-29-88 MSN AG&LSC SOIL SCIENCE	(133-L002)	12,000.00
49.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	13,676.83
50.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, ID PIONEER PLANT BREEDING AWARD FUND MSN AG&LSC AGRONOMY	(133-L504)	18,000.00
51.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, ID PIONEER PLANT BREEDING SPEAKERS FUND MSN AG&LSC AGRONOMY	(133-L544)	2,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-L569)	2,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S TRANSITIONAL FUNDING MSN HS-MED	(133-L570)	4,500.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HONORARIUM FUND MSN L&S SOCIOLOGY	(133-L953)	1,000.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY DEVELOPMENT FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M193)	5,000.00
56.	GERMAN STUDIES ASSOCIATION TEMPE, AR GERMAN STUDIES ASSOCIATION MSN L&S GERMAN	(133-M204)	500.00
57.	INTERNATIONAL VISUAL LITERACY ASSC., INC, PAMONA, CA JOURNAL OF VISUAL/VERBAL LANGUAGE MSN EDUC CURRIC & INSTR	(133-M267)	145.00
58.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	5,194.72

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59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK (133-M732)	500.00
60.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-O179)	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	7,000.00 GENERAL MILLS INC. MINNEAPOLIS, MN	
	100.00 MULTIPLE DONORS	
	300.00 MULTIPLE DONORS	
		7,900.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-2128)	5,978.97
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-3236)	4,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-5929)	11,100.00
64.	WASHINGTON UNIVERSITY ST. LOUIS, MO CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	24,341.89
65.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)	35.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-6936)	5,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S UNRESTRICTED ACCOUNT MSN AG&LSC PLANT PATHOLOGY (133-7243)	18,765.98
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH (133-7849)	388.40

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MISCELLANEOUS

69.	SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS		
	MSN AG&LSC FOOD SCIENCE	(133-8343)	
	550.00	E.J. SWEENEY COMPANY, INC.	
		LIBERTYVILLE, IL	
	850.00	NABISCO BRANDS	
		WILKES-BARRE, PA	
			1,400.00
70.	WISCONSIN ALUMNI RESEARCH FOUNDATION		
	MADISON, WI		
	DEPARTMENT OF PHYSICS SUPPORT		
	MSN L&S	PHYSICS	(133-8422)
			30,380.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI		
	ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND		
	MSN AG&LSC N R-ENVIR AWARE	(133-8925)	500.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION		
	MADISON, WI		
	UNRESTRICTED GRANT FOR THE DEPARTMENT OF		
	CHEMICAL ENGINEERING		
	MSN ENGR	CHEMICAL ENGR	(133-9011)
			3,000.00
73.	BIOCHEMISTRY DEPARTMENT SYMPOSIUM AND SEMINAR FUND		
	MSN AG&LSC BIOCHEMISTRY		(133-9330)
	3,000.00	SANDOZ RESEARCH INSTITUTE	
		EAST HANOVER, NJ	
	750.00	ELI LILLY AND COMPANY	
		INDIANAPOLIS, IN	
			3,750.00

PHYSICAL PLANT

1.	EDUCATION, DEPT. OF		
	WASHINGTON, DC		
	IN SUPPORT OF THE FOLLOWING:		
1)	GEOLOGY AND GEOPHYSICS BUILDING - INTEREST SUBSIDY		
	GRANT		
	FOR THE PERIOD 09-04-74 THROUGH 04-01-88		
	AWARD # 5-5-00672-0		
	MSN UNIT-W DEBT SV AC BLDGS	(144-H128)	13,859.00
2)	MEMORIAL LIBRARY ADDITION - INTEREST SUBSIDY		
	FOR THE PERIOD 10-18-74 THROUGH 03-01-88		
	AWARD # 5-5-00640-0		
	MSN UNIT-W DEBT SV AC BLDGS	(144-H430)	7,988.00
3)	INTEREST SUBSIDY GRANT FOR HOME ECONOMICS BUILDING		
	FOR THE PERIOD 11-22-74 THROUGH 03-01-88		
	AWARD # 5-5-00677-0		
	MSN UNIT-W DEBT SV AC BLDGS	(144-J408)	4,779.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

1. SALK INSTITUTE
SAN DIEGO, CA
NEUROPATHOLOGY IN TRANSGENIC MICE BEARING SV40
ONCOGENE
MSN VET M PATHOBIOLOGICAL SCI
2. CETUS CORPORATION
EMERYVILLE, CA
MATERIALS TRANSFER AGREEMENT
MSN AG&LSC BIOCHEMISTRY
3. GEN PROBE
SAN DIEGO, CA
DRUG SUSCEPTIBILITY FOR MYCOBACTERIUM
TUBERCULOSIS
MSN HS-HYG CONTRACTS BACT CONT
4. NATIONAL INSTITUTE OF AGRONOMIC RESEARCH
PARIS, FRANCE
LICENSE AGREEMENT RELATIVE TO THE EVALUATION
OF INRA EXPERT SYSTEMS FOR DIAGNOSIS OF PEST
PROBLEMS ON PLANTS IN WISCONSIN AND SELECTED
AREAS OF THE UNITED STATES
MSN AG&LSC PLANT PATHOLOGY
5. EARNINGS ON MISC. INVESTMENTS
WYSE, FRANCIS D.--CANCER RESEARCH
MSN HS-MED ONCOLOGY (TRUST) 100.00
6. EARNINGS ON MISC. INVESTMENTS
PHANEUF, DUANE--MEDICAL RESEARCH
MSN HS-MED (TRUST) 82.97
7. COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATOLOGY (TRUST)

105.00 MARCHESCHI, LUCILLE
455.00 DE KALB, IL
MULTIPLE DONORS

560.00
8. KENOSHA FOUNDATION
KENOSHA, WI
LUTZ, NORMAN & GRACE
NEUROLOGY DEPARTMENT--RESEARCH FUND
MSN HS-MED NEUROLOGY (TRUST) 5,000.00
9. ENCYCLOPAEDIA BRITANNICA
CHICAGO, IL
SCHOOL OF EDUCATION--WISCONSIN CENTER FOR
EDUCATION RESEARCH
MSN EDUC GENERAL ADMIN DEAN'S OFF (TRUST) 1,512.70
10. MCARDLE LABORATORY FOR CANCER RESEARCH--
DISCRETIONARY FUND
MSN HS-MED ONCOLOGY (TRUST)

3,000.00 SZYBALSKI, WACLAW M.D.
MADISON, WI
81.25 UNITED FUND OF SHIOCTON, INC.
SHIOCTON, WI
581.00 MULTIPLE DONORS

3,662.25

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- | | | | |
|-----|---|------------------------------------|---------------------|
| 11. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK PROFESSORSHIP IN MICROBIOLOGICAL SCIENCES | | |
| | MSN AG&LSC BIOCHEMISTRY | (TRUST) | 25,000.00 |
| 12. | WISCONSIN CLINICAL CANCER CENTER--RESEARCH | | |
| | MSN HS-MED HUMAN ONCOLOGY | | (TRUST) |
| | 430.00 | MULTIPLE DONORS | |
| | 495.00 | MITKA, DOLORES | |
| | | KENOSHA, WI | \$ 450.00 |
| | | MULTIPLE DONORS | \$ 45.00 |
| | 1,310.00 | MULTIPLE DONORS | |
| | | | 2,235.00 |
| 13. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK RESEARCH PROFESSORSHIP IN BIOCHEMISTRY | | |
| | MSN AG&LSC BIOCHEMISTRY | (TRUST) | 100,000.00 |
| 14. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK, HARRY--PROFESSORSHIP IN BIOLOGICAL SCIENCES | | |
| | MSN GRAD | MEDICAL SCHOOL ONCOLOGY | (TRUST) 25,000.00 |
| 15. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK, HARRY--PROFESSORSHIP IN PHYSICAL SCIENCES | | |
| | MSN GRAD | L&S PHYSICS | (TRUST) 25,000.00 |
| 16. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK, HARRY--PROFESSORSHIP IN BEHAVIORAL AND NEURAL SCIENCES | | |
| | MSN GRAD | | (TRUST) 25,000.00 |
| 17. | WISCONSIN ALUMNI RESEARCH FOUNDATION | | |
| | MADISON, WI | | |
| | STEENBOCK, HARRY--PROFESSORSHIP IN ENGINEERING | | |
| | MSN GRAD | ENGINEERING CHEM ENGR | (TRUST) 25,000.00 |
| 18. | IMMUNOMODULATOR RESEARCH FUND | | |
| | MSN HS-MED HUMAN ONCOLOGY | | (TRUST) |
| | 500.00 | UNIVERSITY OF WISCONSIN FOUNDATION | |
| | | MADISON, WI | |
| | 250.00 | BORDEN, MATRA R. | |
| | | BUENOS AIRES, ARGENTINA | |
| | | | 750.00 |

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- | | | | |
|-----|---|--------------|------------|
| 19. | WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK RESEARCH FUND
MSN AG&LSC BIOCHEMISTRY | (TRUST) | 30,000.00 |
| 20. | COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON, DC
PARTICIPATION IN THE GOES-NEXT SOUNDER AND
IMAGER DEVELOPMENT AND PERFORMANCE EVALUATION
FOR THE PERIOD 02-01-88 THROUGH 01-31-92
AWARD # 50-WCNE-8-06058
MSN GRAD SPACE SCI&ENG CT | (144-AF41) | 500,000.00 |
| 21. | EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(INSTITUTIONAL FUNCTIONS)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$193,713.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB23) | 19,370.00 |
| 2) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(HIGHER ORDER THINKING)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$89,450.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB24) | 8,945.00 |
| 3) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(AT-RISK STUDENT)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$125,497.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB25) | 12,551.00 |
| 4) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(STAFF WORKING CONDITIONS)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$180,006.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB26) | 18,001.00 |
| 5) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(CLEARINGHOUSE)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$65,397.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB27) | 6,540.00 |
| 6) | NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(ADOLESCENTS)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$218,670.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES | (144-AB28) | 21,866.00 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 7) NIE CENTER ON EFFECTIVE SECONDARY SCHOOLS
(STRATIFICATION)
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$227,267.00
AWARD # GO08690007-88A, MOD. 1
MSN EDUC WIS CTR EDUC RES (144-AB29) 22,727.00
22. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
PRE-VOCATIONAL LITERACY
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # ACTIVITY #20-712-150-308
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AF38) 23,093.00
23. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
CAREER PASSPORT - PHASE I
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # PD #PAH02457
MSN EDUC WIS VOC STU CTR W VOC ST C (144-AF40) 19,532.00
24. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) PSYCHOSOCIAL RISK FACTORS FOR DEPRESSION
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 R29 MH43022-02
MSN GRAD INST-AGING&ADULT (144-AD59) 109,810.00
- 2) PSYCHOLOGICAL AND ECONOMIC WELL-BEING OVER THE
LIFE CYCLE
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 1 R01 MH41783-01A1
MSN FR&CS FAM RSRC&CNSM SC ADMIN (144-AE77) 78,035.00
- 3) LONG TERM COMMUNITY TREATMENT OF YOUNG
SCHIZOPHRENICS
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 R01 MH40886-03
MSN L&S SOCIAL WORK (144-AE79) 192,950.00
25. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
PARENT-INFANT DEVELOPMENT PROGRAM
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AWARD # PROJECT NO. G-1028-1
MSN HS-PSY PSYCHIATRIC INST (144-AD14) 77,000.00
26. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
STATEWIDE GENETICS SERVICES NETWORK
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AWARD # PROJECT NO. G-S001
MSN HS-MED GENET CLIN PROG (144-AD18) 468,960.00

GIFTS, GRANTS AND CONTRACTS
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RESEARCH

27. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
STATEWIDE GENETICS SERVICES NETWORK
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AWARD # PROJECT NO. G-S001
MSN GRAD WAISMAN CENTER (144-AD35) 46,040.00
28. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
ESTABLISHMENT OF DNA DIAGNOSIS AND ANALYSIS
LABORATORY
FOR THE PERIOD 09-28-87 THROUGH 06-30-88
AWARD # PO #PAH-01046
MSN GRAD WAISMAN CENTER (144-AE82) 55,000.00
29. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
ESTABLISHMENT OF DNA DIAGNOSIS & ANALYSIS
LABORATORY
FOR THE PERIOD 09-30-87 THROUGH 08-31-88
AWARD # PO #FDH 6587 PO
MSN GRAD WAISMAN CENTER (144-AE83) 30,000.00
30. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) INTEGRATED MICROSCOPY FACILITY FOR
BIOMEDICAL RESEARCH
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$379,293.00
AWARD # 5 P41 RRO0570-18, MOD. 1
MSN GRAD MOLECULAR BIOL (144-AB53) 289,061.00
- 2) PERIPHERAL AND CENTRAL VENTILATORY CONTROL
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$105,543.00
AWARD # 5 R37 HL15473-14, MOD. 1
MSN AG&LSC VETERINARY SCI (144-AB55) 79,790.00
- 3) CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME
STRUCTURE
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$148,151.00
AWARD # 5 R01 AI17331-08, MOD. 1
MSN GRAD INST MOL VIR INST MOL V (144-AB57) 110,791.00
- 4) STRUCTURE AND SYNTHESIS OF RETRO- AND
NODAVIRUSES
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$180,125.00
AWARD # 5 R37 AI22813-22, MOD. 1
MSN GRAD INST MOL VIR INST MOL V (144-AB58) 138,988.00

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- 5) A PILOT STUDY OF CANCER PAIN
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$187,516.00
AWARD # 5 R01 CA26582-08, MOD. 1
MSN HS-MED NEUROLOGY (144-AB63) 141,366.00
- 6) SYNAPTIC ORGANIZATION IN THE SUPERIOR
COLLICULUS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$83,019.00
AWARD # 5 R01 EY04478-06, MOD. 1
MSN VET M CMPARTV BIOSCI'S (144-AB64) 64,619.00
- 7) NORMAL FERTILIZATION AND PREIMPLANTATION
GROWTH IN VITRO
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$163,838.00
AWARD # 5 U01 HD22023-03, MOD. 1
MSN AG&LSC VETERINARY SCI (144-AB80) 121,114.00
- 8) STUDIES OF FIBRONECTIN AND RELATED
GLYCOPROTEINS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$181,719.00
AWARD # 5 R01 HL21644-11, MOD. 1
MSN HS-MED PHYSIOLOG CHEM (144-AB87) 135,478.00
- 9) ESTABLISHMENT OF A CLINICAL NUTRITION
RESEARCH UNIT
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$221,999.00
AWARD # 5 P30 DK26659-09, MOD. 1
MSN HS-MED MEDICINE ENDOCRINOL (144-AB90) 166,834.00
- 10) CHILDREN'S CANCER STUDY GROUP
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$65,111.00
AWARD # 5 U10 CA05436-22, MOD. 2
MSN HS-MED PEDIATRICS (144-AC04) 40,469.00
- 11) STEREOCHEMISTRY OF POLYKETIDE ANTIBIOTIC
BIOSYNTHESIS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$145,368.00
AWARD # 5 R01 GM25799-09, MOD. 1
MSN HS-PHR PHARMACY (144-AC06) 109,702.00
- 12) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$153,792.00
AWARD # 2 R01 EY01331-13A1, MOD. 1
MSN HS-MED OPHTHALMOLOGY (144-AC07) 129,811.00
- 13) MECHANISMS OF PEPTIDE SECRETION IN PC-12 CELLS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$98,890.00
AWARD # 5 R01 NS23084-03, MOD. 1
MSN HS-MED ANATOMY (144-AC19) 72,319.00

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- 14) ORGANOSELENIUM COMPOUNDS: BIOSYNTHESIS AND
FUNCTION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$109,927.00
AWARD # 5 R01 DK14184-19, MOD. 1
MSN AG&LSC NUTRITIONAL SCI (144-AC27) 82,546.00
- 15) AUTONOMIC PHARMACOLOGY OF HISTAMINE RELEASE
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$106,102.00
AWARD # 5 R01 HL28585-06, MOD. 1
MSN HS-PHR PHARMACY (144-AC32) 78,237.00
- 16) IN VITRO STUDIES OF THE COCHLEAR NUCLEUS
FOR THE PERIOD 03-01-88 THROUGH 11-30-88
AWARD # 2 R01 NS17590-07A1
MSN HS-MED NEUROPHYSIOLOGY (144-AC34) 107,491.00
- 17) COGNITIVE EFFECTS OF NEONATAL LEAD
EXPOSURE IN MONKEYS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$107,489.00
AWARD # 5 R01 ES01062-12, MOD. 1
MSN L&S PSYCHOLOGY PRIMATE LB (144-AC39) 80,254.00
- 18) T LYMPHOCYTE HYBRIDS AND LYMPHOBLASTOID VARIANTS
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$343,713.00
AWARD # 2 R01 AI15486-10, MOD. 1
MSN HS-MED GENETICS (144-AC43) 293,697.00
- 19) PSYCHOSOCIAL STRESSORS, SMOKING CESSATION AND
CV RISK
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$75,142.00
AWARD # 5 R01 HL28519-06, MOD. 1
MSN L&S PSYCHOLOGY (144-AC46) 51,549.00
- 20) RECENT TRENDS AND DIFFERENTIALS IN MARITAL
INSTABILITY
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$80,420.00
AWARD # 5 R01 HD22433-02, MOD. 1
MSN L&S SOCIOLOGY (144-AC63) 60,221.00
- 21) THE HEALTH AND WELL-BEING OF FAMILIES IN
TRANSITION
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$418,473.00
AWARD # 5 R01 HD21009-03, MOD. 1
MSN L&S SOCIOLOGY (144-AC64) 302,005.00
- 22) MACULAR PHOTOCOAGULATION STUDY
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$46,562.00
AWARD # 5 U01 EY03284-09, MOD. 1
MSN HS-MED OPHTHALMOLOGY (144-AC73) 35,726.00

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- 23) CONTROL PROCESSES IN MAMMALIAN CELLS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$360,524.00
AWARD # 2 R01 DK10334-23, MOD. 1
MSN GRAD ENZYME INSTITUTE (144-AC75) 274,095.00
- 24) STUDIES ON THE HALOGENATED AROMATIC
HYDROCARBONS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 R01 ES01884-12
MSN HS-MED ONCOLOGY (144-AC77) 276,377.00
- 25) PHYSIOLOGICAL STUDIES ON A PARASITIC NEMATODE
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$157,717.00
AWARD # 5 R01 AI15429-10, MOD. 1
MSN L&S ZOOLOGY (144-AC78) 119,417.00
- 26) ION EFFECTS ON INTERACTIONS OF RNA
POLYMERASE AND DNA
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$273,635.00
AWARD # 2 R01 GM23467-12, MOD. 1
MSN L&S CHEMISTRY (144-AC91) 238,453.00
- 27) VIRAL INDUCED ALTERATIONS IN POSTNATAL
PULMONARY GROWTH
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$108,544.00
AWARD # 2 R01 HL33441-04, MOD. 1
MSN VET M PATHOBIOLOGCL SCI (144-AD17) 89,346.00
- 28) HOMEOTIC AND SEGMENTATION GENE INTERACTIONS IN
DROSOPHILA
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 1 R01 HD23820-01
MSN HS-MED GENETICS (144-AD28) 141,217.00
- 29) REGULATION OF EOSINOPHILOPOIESIS
IN PARASITIC INFECTION
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 1 R29 AI24432-01A1
MSN VET M PATHOBIOLOGCL SCI (144-AD38) 73,475.00
- 30) CANCER CENTER SUPPORT AT MCARDLE LABORATORY
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 P30 CA07175-25
MSN HS-MED ONCOLOGY (144-AD50) 2,111,131.00
- 31) PRESBYOPIA: PSYCHOPHYSICAL MEASURES IN AN
ANIMAL MODEL
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 5 R01 EY05636-03
MSN HS-MED OPHTHALMOLOGY (144-AD64) 82,567.00

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- 32) RESEARCH PROGRAM ON THE NEURAL BASIS OF HEARING
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 P01 NS12732-13
MSN HS-MED NEUROPHYSIOLOGY (144-AD65) 792,972.00
- 33) CYTOARCHITECTONIC ATLASES: THALAMUS AND
BRAINSTEM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 R01 NS19791-05
MSN HS-MED NEUROPHYSIOLOGY (144-AD68) 25,858.00
- 34) STAPHYLOCOCCAL ENTEROTOXIN: STRUCTURE-FUNCTION
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # 1 R01 AI25574-01
MSN AG&LSC BACTERIOLOGY (144-AD72) 127,858.00
- 35) REGAINING FUNCTIONAL ABILITIES AFTER HIP
FRACTURE
FOR THE PERIOD 02-15-88 THROUGH 02-14-89
AWARD # 5 R01 NRO1624-02
MSN HS-NUR (144-AD74) 126,780.00
- 36) NICHD POPULATION RESEARCH CORE GRANT
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 P30 HD05876-18
MSN L&S SOCIOLOGY (144-AD84) 666,622.00
- 37) WISCONSIN CENTER ON MENTAL RETARDATION -
CORE SUPPORT
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 P30 HD03352-21
MSN GRAD WAISMAN CENTER (144-AE58) 828,892.00
- 38) X-RAY STUDIES ON NUCLEIC ACID CONSTITUENTS
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 R01 GM17378-19
MSN AG&LSC BIOCHEMISTRY (144-AE67) 126,212.00
- 39) SWALLOWING AND SPEECH AFTER STROKE
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 5 R01 NS24427-02
MSN HS-MED NEUROLOGY (144-AE71) 154,769.00
- 40) IONIC CHANNELS IN MAMMALIAN MYELINATED NERVES
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 R01 NS23375-03
MSN HS-MED NEUROPHYSIOLOGY (144-AE80) 78,799.00
- 41) SKIN AND MUCOSAL POLYAMINE ENZYMES IN
COLORECTAL CANCER
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 R01 CA45024-02
MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (144-AE86) 88,501.00
- 42) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 2 S03 RRO3466-02
MSN VET M ADM-RES& GRAD TR ADM-RES&GR (144-AE93) 4,500.00

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- 43) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 2 SO3 RRO3383-04
MSN HS-NUR (144-AFO2) 4,500.00
- 44) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 2 SO3 RRO3182-08
MSN GRAD ADMINISTRATION ADMIN (144-AFO3) 7,500.00
- 45) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 2 SO3 RRO3184-08
MSN HS-MED (144-AFO4) 7,500.00
- 46) CENTRAL VEIN OCCLUSION STUDY - PARTICIPATING
CENTER
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 1 UO1 EYO6752-01A2
MSN HS-MED OPHTHALMOLOGY (144-AFO8) 101,065.00
- 47) INTESTINAL CARCINOGENICITY OF QUERCETIN
AND FLAVONOLS
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 RO1 CA31127-06
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AF13) 96,393.00
- 48) SYNTHESIS AND ACTIVITY OF CYCLOSPORIN
ANALOGUES
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 RO1 AR32007-06
MSN HS-PHR PHARMACY (144-AF14) 133,780.00
- 49) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 F32 NS07767-02
MSN AG&LSC GENETICS (144-AF16) 26,004.00
- 50) CHARACTERIZATION OF TRANSCRIPTIONALLY REGULATED
GENES
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 2 RO1 GM27870-09
MSN HS-MED PHYSIOLOG CHEM (144-AF26) 175,401.00
- 51) SYNTHESIS OF HORMONAL, ANTIBIOTIC AND
ANTIFUNGAL AGENTS
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 2 RO1 GM28321-07
MSN L&S CHEMISTRY (144-AF27) 174,095.00
- 52) ULTRASTRUCTURAL STUDIES OF EXTRACELLULAR
MATRIX ASSEMBLY
FOR THE PERIOD 04-01-88 THROUGH 03-31-89
AWARD # 5 R23 AR37052-03
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-AF32) 53,906.00

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53)	SYNTHESIS OF CYCLOSPORIN PHOTOAFFINITY- LABELING REAGENTS FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # 1 R01 AI24650-01A1 MSN HS-PHR PHARMACY	(144-AF34)	153,932.00
54)	TRANSPLANTATION OF ENDOCRINE TISSUES FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # 5 R01 DK35446-04 MSN HS-MED SURGERY GEN SURG	(144-AF35)	147,156.00
55)	LABORATORY STUDIES OF PAIN CONTROL METHODS FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # 5 R01 NS22677-03 MSN HS-MED NEUROLOGY	(144-AF36)	149,384.00
56)	ROLE OF CYCLIC GMP IN ROD PHOTORECEPTOR FUNCTION (REDUCTION DUE TO TRANSFER OF PRINCIPAL INVESTIGATOR TO ANOTHER INSTITUTION) FOR THE PERIOD 05-01-87 THROUGH 02-29-88 AT A TOTAL COST OF \$55,220.00 AWARD # 5 R01 EY05798-02, MOD. 1 MSN GRAD MOLECULAR BIOL	(144-Z223)	11,462.00-
31.	EBASCO NEW YORK, NY PRIME CONTRACTOR WITH DOD SUPERCONDUCTIVE MAGNETIC ENERGY STORAGE ENGINEERING TEST MODEL DEVELOPMENT PROGRAM AT A TOTAL ESTIMATED COST OF \$2,675,000.00 FOR THE PERIOD 12-03-87 THROUGH 06-02-90 AWARD # 00274 MSN ENGR ENGR EXPER STA SUPRCONDCT	(144-AC87)	169,000.00
32.	DOD, AIR FORCE BOLLING AFB, DC IN SUPPORT OF THE FOLLOWING:		
1)	THE PROBLEM OF ROBUST COMPENSATION FOR SYSTEMS WITH UNMODELLED DYNAMICS FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AWARD # AFOSR-88-0087 MSN ENGR ELEC & COM ENGR ELEC&COMP	(144-AC82)	46,100.00
2)	NUMERICAL ANALYSIS FOR THE PERIOD 06-15-88 THROUGH 06-14-89 AWARD # AFOSR-86-0163 MSN L&S COMPUTER SCI	(144-AE89)	60,912.00
3)	PARTIAL AND INTERACTION SPLINE MODELS FOR COMPLEX SEMIPARAMETRIC RESPONSE AND PERFORMANCE MODELLING FOR THE PERIOD 04-01-88 THROUGH 03-31-89 AWARD # AFOSR-87-0171 MSN L&S STATISTICS	(144-AE95)	49,944.00

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- 4) LARGE-SCALE OPTIMIZATION VIA DISTRIBUTED SYSTEMS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # AFOSR-86-0194
MSN L&S CTR MATH SCI (144-AF01) 74,943.00
- 5) ANALYSIS OF BIAxIAL STRESS FIELDS IN PLATES
CRACKING AT ELEVATED TEMPERATURES
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # AFOSR-87-0253
MSN ENGR ENGR MECHANICS (144-AF25) 87,700.00
33. DOD, ARMY
FREDERICK, MD
ARMY MEDICAL IMAGING SYSTEM
FOR THE PERIOD 10-15-87 THROUGH 03-20-90
AT A TOTAL COST OF \$421,453.00
AWARD # DAMD17-88-C-8058, MOD. 1
MSN HS-MED MEDICAL PHYSICS (144-AB69) 321,453.00
34. DOD, ARMY
WARREN, MI
EXPERT SYSTEMS FOR AUTONOMOUS LEGGED VEHICLES
FOR THE PERIOD 03-17-86 THROUGH 10-31-88
AT A TOTAL COST OF \$537,063.00
AWARD # DAAEO7-86-C-R013, MOD. 2
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-X719) 123,003.00
35. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) THE PLASMA PHYSICS RESEARCH ON TOKAPOLE II
FOR THE PERIOD 11-15-87 THROUGH 11-14-88
AT A TOTAL COST OF \$350,000.00
AWARD # DE-FGO2-86ER53227, MOD. 1
MSN L&S PHYSICS (144-AA95) 300,000.00
- 2) NUCLEAR ANALYSIS AND DESIGN OF ITER
FOR THE PERIOD 11-15-87 THROUGH 11-14-88
AT A TOTAL COST OF \$325,000.00
AWARD # DE-FGO2-87ER52140, MOD. 1
MSN ENGR ENGR EXPER STA FUSION TEC (144-AB59) 275,000.00
- 3) RADIATION DAMAGE STUDIES FOR FUSION REACTORS
FOR THE PERIOD 11-18-87 THROUGH 11-17-88
AT A TOTAL COST OF \$100,000.00
AWARD # DE-FGO2-88ER52148, MOD. 1
MSN ENGR ENGR EXPER STA FUSION TEC (144-AB71) 50,000.00
- 4) EXPERIMENTAL INVESTIGATION OF ICRF EFFECTS
FOR THE PERIOD 01-01-88 THROUGH 10-15-88
AT A TOTAL COST OF \$1,330,000.00
AWARD # DE-FGO2-88ER53264, MOD. 1
MSN ENGR NUC ENGR&E PHYSC (144-AB76) 1,041,300.00

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- 5) WISCONSIN TORSATRON/STELLARATOR PROGRAM
FOR THE PERIOD 11-23-87 THROUGH 11-14-88
AT A TOTAL COST OF \$400,000.00
AWARD # DE-FG02-86ER53216, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AC09) 350,000.00
- 6) FUSION PLASMA THEORY (TASK I)
FOR THE PERIOD 12-01-87 THROUGH 11-15-88
AT A TOTAL COST OF \$208,000.00
AWARD # DE-FG02-86ER53218, MOD. 1
MSN ENGR NUC ENGR&E PHYSC (144-AC10) 173,333.00
- 7) FUSION PLASMA THEORY (TASK II)
FOR THE PERIOD 12-01-87 THROUGH 11-15-88
AT A TOTAL COST OF \$27,000.00
AWARD # DE-FG02-86ER53218, MOD. 1
MSN ENGR ENGR EXPER STA FUSION TEC (144-AC11) 22,500.00
- 8) FUSION PLASMA THEORY (TASK III)
FOR THE PERIOD 12-01-87 THROUGH 11-15-88
AT A TOTAL COST OF \$65,000.00
AWARD # DE-FG02-86ER53218, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AC12) 54,167.00
- 9) STUDIES OF ALTERNATIVE-CRYSTALLIZATION-PHASE
NUCLEATION
FOR THE PERIOD 12-01-87 THROUGH 11-30-88
AT A TOTAL COST OF \$75,000.00
AWARD # DE-FG02-85ER45215, MOD. 1
MSN ENGR MET & MIN ENGR (144-AC36) 25,000.00
- 10) A STUDY OF THE PHYSICAL-CHEMICAL MECHANISMS AND
VARIABLES WHICH AFFECT THE TRANSPORT OF INORGANIC
AND ORGANIC HETEROGENEOUS SYSTEMS
FOR THE PERIOD 12-15-87 THROUGH 12-14-88
AT A TOTAL COST OF \$70,000.00
AWARD # DE-FG02-87ER60508, MOD. 1
MSN ENGR ENGR EXPER STA WATER CHEM (144-AC45) 20,000.00
- 11) MASS & ENERGY BUDGETS OF ANIMALS: BEHAVIORAL
AND ECOLOGICAL IMPLICATIONS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$159,245.00
AWARD # DE-FG02-88ER60633, MOD. 1
MSN L&S ZOOLOGY (144-AC76) 109,245.00
- 12) RADIOGENIC NEOPLASIA IN THYROID AND MAMMARY
CLONOGENS
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AT A TOTAL COST OF \$269,000.00
AWARD # DE-FG02-87ER60507, MOD. 1
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AC89) 215,500.00
- 13) MICROSTRUCTURAL UNDERSTANDING AND CRITICAL
CURRENT OPTIMIZATION OF ADVANCED HIGH FIELD
SUPERCONDUCTORS
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AT A TOTAL COST OF \$230,000.00
AWARD # DE-FG02-86ER52131, MOD. 1
MSN ENGR MET & MIN ENGR (144-AD70) 138,460.00

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- 14) FAST NEUTRON DOSIMETRY
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AT A TOTAL COST OF \$108,000.00
AWARD # DE-FGO2-86ER60417, MOD. 1
MSN HS-MED MEDICAL PHYSICS (144-AD76) 65,000.00

- 15) WAVE LAUNCHER HEATING STUDIES IN THE ION
CYCLOTRON FREQUENCY RANGE
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # DE-FGO2-86ER52133
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AE64) 75,000.00

- 16) UNIMOLECULAR REACTION DYNAMICS AND VIBRATIONAL
OVERTONE SPECTROSCOPY OF HIGHLY VIBRATIONALLY
EXCITED MOLECULES
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # DE-FGO2-86ER13500
MSN L&S CHEMISTRY (144-AE84) 81,090.00

- 17) REVERSED FIELD PINCH STUDIES
FOR THE PERIOD 03-01-88 THROUGH 10-31-88
AWARD # DE-FGO2-85ER53198
MSN L&S PHYSICS (144-AE88) 412,000.00

- 18) FLUID DYNAMICS OF SUPERCRITICAL HELIUM WITHIN
INTERNALLY COOLED CABLED SUPERCONDUCTORS
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # DE-FGO2-88ER52149
MSN ENGR NUC ENGR&E PHYSC (144-AE96) 80,000.00

- 19) DEVELOPMENT OF A HYDROGEN AND DEUTERIUM POLARIZED
GAS TARGET FOR APPLICATION IN STORAGE RINGS
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # DE-FGO2-88ER40438
MSN L&S PHYSICS (144-AF06) 110,000.00

- 20) EXPERIMENTAL AND THEORETICAL
HIGH ENERGY PHYSICS
FOR THE PERIOD 04-01-60 THROUGH 12-31-88
AT A TOTAL COST OF \$59,511,876.00
AWARD # DE-ACO2-76ERO0881, MOD. 40
MSN L&S PHYSICS (144-E164) 3,645,000.00

- 21) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 10-01-77 THROUGH 06-30-88
AT A TOTAL COST OF \$14,273,692.00
AWARD # DE-ACO2-78ET51015, MOD. 30
MSN ENGR NUC ENGR&E PHYSC (144-K783) 300,000.00

- 22) THE CRITICAL CURRENT DENSITY, THE FABRICATION
PROCESS AND THE MICROSTRUCTURE IN SUPERCONDUCTING
COMPOSITES OF NB-TI FOR THE HIGH ENERGY PHYSICS
FOR THE PERIOD 06-01-85 THROUGH 05-31-88
AT A TOTAL COST OF \$1,165,900.00
AWARD # DE-ACO2-82ER40077, MOD. 9
MSN ENGR MET & MIN ENGR (144-W639) 100,000.00

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36. FERMIL NATIONAL ACCELERATOR LABORATORY
BATAVIA, IL
PRIME CONTRACTOR WITH DOE
EQUIPMENT FOR THE COLLIDING DETECTOR FACILITY
(CDF) AT FERMILAB
FOR THE PERIOD 07-01-83 THROUGH 03-31-88
AT A TOTAL COST OF \$1,151,000.00
AWARD # PO 954900, MOD. 7
MSN L&S PHYSICS (144-U319) 20,000.00

37. E G & G IDAHO, INC
IDAHO FALLS, ID
PRIME CONTRACTOR WITH DOE
STEAM GENERATOR TUBE RUPTURE FOR A LIQUID METAL-
WATER SYSTEM: RELIABILITY AND PHENOMENOLOGICAL
MODELLING
FOR THE PERIOD 07-11-83 THROUGH 10-31-88
AT A TOTAL COST OF \$136,313.00
AWARD # C83-100174, MOD. 7
MSN ENGR NUC ENGR&E PHYSIC (144-T613) 16,000.00

38. WESTINGHOUSE ELECTRIC CORPORATION
MADISON, PA
PRIME CONTRACTOR WITH DOE
CONDENSATION EXPERIMENTS
FOR THE PERIOD 03-08-88 THROUGH 12-31-88
AWARD # MN99415M
MSN ENGR NUC ENGR&E PHYSIC (144-AF45) 15,000.00

39. MARTIN MARIETTA ENERGY SYSTEMS, INC
OAK RIDGE, TN
PRIME CONTRACTOR WITH DOE
SYSTEM STUDIES FOR HIGH VOLTAGE DIRECT CURRENT
POWER TRANSMISSION
FOR THE PERIOD 04-01-87 THROUGH 09-30-88
AT A TOTAL COST OF \$99,900.00
AWARD # 19X-SA253C, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z221) 9,900.00

40. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR SURVIVAL
AND MOVEMENTS OF NECKBANDED GEESE
FOR THE PERIOD 08-15-84 THROUGH 08-15-88
AT A TOTAL COST OF \$170,200.00
AWARD # 14-16-0009-1511 #15, MOD. 06
MSN AG&LSC N R-WILDLIF ECOL (144-U891) 1,000.00

41. NATIONAL AERONAUTICS AND SPACE ADMIN
CLEVELAND, OH
DESIGN AND TEST OF BIDIRECTIONAL SPEED AND
TORQUE CONTROL OF INDUCTION MACHINES OPERATING
FROM A HIGH FREQUENCY LINK CONVERTER
FOR THE PERIOD 03-05-87 THROUGH 03-03-89
AT A TOTAL COST OF \$145,000.00
AWARD # NAG 3-786, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z082) 75,000.00

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42. CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CA
PRIME CONTRACTOR WITH NASA
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE
FOR THE PERIOD 01-01-84 THROUGH 12-31-88
AT A TOTAL COST OF \$229,838.00
AWARD # 65B-580912, MOD. 16
MSN L&S SPACE ASTRON LAB (144-U151) 9,000.00
43. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
SCIENCE VERIFICATION CALIBRATION, AND
GUARANTEED TIME OBSERVATIONS OF THE HIGH
RESOLUTION SPECTROGRAPH OF THE HUBBLE
SPACE TELESCOPE
FOR THE PERIOD 09-16-86 THROUGH 09-15-91
AT A TOTAL COST OF \$189,671.00
AWARD # NAS5-29368, MOD. 5
MSN L&S SPACE ASTRON LAB (144-Y657) 34,000.00
44. NASA, GODDARD SPACE FLIGHT CENTER
WALLOPS ISLAND, VA
IN SUPPORT OF THE FOLLOWING:
 - 1) DEVELOPMENT AND FLIGHT OF WIDE-FIELD
IMAGING SURVEY POLARIMETER (WISP)
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # NAG5-647
MSN L&S SPACE ASTRON LAB (144-AF09) 270,000.00
 - 2) COSMIC X-RAY PHYSICS
FOR THE PERIOD 01-01-85 THROUGH 12-31-88
AT A TOTAL COST OF \$970,000.00
AWARD # NAG5-629, MOD. 4
MSN L&S PHYSICS (144-W246) 270,000.00
45. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) U.S. - JAPAN JOINT SEMINAR: THE MOLECULAR CELL
BIOLOGY OF PHYSARUM POLYCEPHALUM -
OKAZAKI, JAPAN
FOR THE PERIOD 04-01-88 THROUGH 06-30-89
AWARD # INT-8716618
MSN HS-MED ONCOLOGY (144-AE85) 18,886.00
 - 2) MECHANISTIC ORGANOMETALLIC CHEMISTRY
FOR THE PERIOD 03-15-88 THROUGH 08-31-89
AWARD # CHE-8721252
MSN L&S CHEMISTRY (144-AE99) 157,523.00
 - 3) ENHANCEMENTS TO AITIP PROGRAM FOR TEACHERS
AT MINORITY SCHOOLS
FOR THE PERIOD 03-15-88 THROUGH 08-31-90
AWARD # TPE-8751812
MSN ENGR OPERATIONS (144-AF20) 169,909.00

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|-----|--|------------|------------|
| 4) | UNITED STATES/ EUROPE GATEWAY DEVELOPMENT AND
PROTOCOL HARMONIZATION
FOR THE PERIOD 02-15-88 THROUGH 07-31-89
AWARD # NCR-8712327
MSN L&S COMPUTER SCI | (144-AF21) | 146,363.00 |
| 5) | MATHEMATICAL SCIENCES: STOCHASTIC MODELS FOR
THE GROWTH AND MOVEMENT OF POPULATIONS
FOR THE PERIOD 05-15-84 THROUGH 10-31-89
AT A TOTAL COST OF \$379,940.00
AWARD # DMS-8401360, MOD. 4
MSN L&S MATHEMATICS | (144-U424) | 96,070.00 |
| 6) | THERMODYNAMICS AND PHASE RELATIONSHIPS OF
BINARY AND HIGHER ORDER MATERIALS SYSTEMS
(MATERIALS RESEARCH)
FOR THE PERIOD 01-15-86 THROUGH 06-30-89
AT A TOTAL COST OF \$274,600.00
AWARD # DMR-8514421, MOD. 2
MSN ENGR MET & MIN ENGR | (144-X479) | 86,600.00 |
| 7) | MOLECULAR PHYLOGENETICS IN ONAGRACEAE
FOR THE PERIOD 02-01-86 THROUGH 07-31-89
AT A TOTAL COST OF \$125,000.00
AWARD # BSR-8516573, MOD. 2
MSN L&S BOTANY | (144-X539) | 45,470.00 |
| 8) | DYNAMICS OF LOCAL CHAIN MOTIONS IN CONCENTRATED
POLYMER SYSTEMS (MATERIALS RESEARCH)
FOR THE PERIOD 03-15-86 THROUGH 08-31-89
AT A TOTAL COST OF \$183,700.00
AWARD # DMR-8513271, MOD. 2
MSN L&S CHEMISTRY | (144-X660) | 56,200.00 |
| 9) | ALGORITHM-BASED TESTING IN VLSI SYSTEMS
FOR THE PERIOD 03-15-86 THROUGH 08-31-89
AT A TOTAL COST OF \$227,600.00
AWARD # MIP-8509194, MOD. 2
MSN ENGR ELEC & COM ENGR ELEC&COMP | (144-X693) | 80,000.00 |
| 10) | INTERMOLECULAR BONDING AND MICROPHASE
SEPARATION IN POLYURETHANE BLOCK POLYMERS
(MATERIALS RESEARCH)
FOR THE PERIOD 07-01-86 THROUGH 06-30-89
AT A TOTAL COST OF \$199,000.00
AWARD # DMR-8603839, MOD. 2
MSN ENGR CHEMICAL ENGR | (144-X774) | 80,000.00 |
| 11) | THE MEASUREMENT OF ATOMIC TRANSITION
PROBABILITIES OF METAL IONS OF ASTROPHYSICAL
INTEREST
FOR THE PERIOD 04-01-86 THROUGH 09-30-89
AT A TOTAL COST OF \$133,500.00
AWARD # AST-8520413, MOD. 2
MSN L&S PHYSICS | (144-X834) | 45,000.00 |

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- 12) MATHEMATICAL SCIENCES: GROUPS AND RINGS
FOR THE PERIOD 05-15-86 THROUGH 10-31-89
AT A TOTAL COST OF \$255,850.00
AWARD # DMS-8521704, MOD. 2
MSN L&S MATHEMATICS (144-X879) 92,850.00
- 13) DEVELOPMENT OF IMMUNITY
FOR THE PERIOD 10-15-86 THROUGH 03-31-89
AT A TOTAL COST OF \$146,000.00
AWARD # DCB-8602751, MOD. 3
MSN L&S ZOOLOGY (144-Y702) 7,000.00
- 14) THE ALFVEN WAVE SPECTRUM IN NONUNIFORM PLASMAS
FOR THE PERIOD 12-15-86 THROUGH 05-31-89
AT A TOTAL COST OF \$437,000.00
AWARD # PHY-8615075, MOD. 1
MSN L&S PHYSICS (144-Y885) 196,750.00
- 15) MATHEMATICAL SCIENCES: INTEGRAL REPRESENTATIONS
AND COMMUTATIVE RINGS
FOR THE PERIOD 05-15-87 THROUGH 10-31-89
AT A TOTAL COST OF \$49,600.00
AWARD # DMS-8620430, MOD. 1
MSN L&S MATHEMATICS (144-Z159) 24,200.00
- 16) DETERMINANTS OF SOCIAL DEVELOPMENT
FOR THE PERIOD 04-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$117,660.00
AWARD # BNS-8616853, MOD. 1
MSN L&S PRIMATE RES CTR (144-Z177) 58,876.00
- 17) INDUCED RESISTANCE TO A VIRAL PATHOGEN: A
MOLECULAR GENETIC APPROACH BASED ON CROSS
PROTECTION
FOR THE PERIOD 04-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$126,095.00
AWARD # DCB-8611420, MOD. 1
MSN AG&LSC PLANT PATHOLOGY (144-Z298) 63,878.00
- 18) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
(COMPUTER AND INFORMATION SCIENCE)
FOR THE PERIOD 06-15-87 THROUGH 11-30-89
AT A TOTAL COST OF \$62,500.00
AWARD # IRI-8657323, MOD. 1
MSN L&S COMPUTER SCI (144-Z345) 37,500.00
- 19) MATHEMATICAL SCIENCES: SET THEORETIC TOPOLOGY
FOR THE PERIOD 06-15-87 THROUGH 11-30-89
AT A TOTAL COST OF \$58,400.00
AWARD # DMS-8620084, MOD. 1
MSN L&S MATHEMATICS (144-Z688) 28,900.00
- 20) ORGANIC SOLUBLE MOLECULES WITH FUNCTIONALIZED
CAVITIES (CHEMISTRY)
FOR THE PERIOD 07-01-87 THROUGH 08-31-89
AT A TOTAL COST OF \$141,369.00
AWARD # CHE-8711259, MOD. 1
MSN L&S CHEMISTRY (144-Z706) 72,500.00

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46.	VETERANS ADMIN MADISON, WI SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 03-31-88 AWARD # 607/D4C398, MOD. 19 MSN HS-MED MEDICAL PHYSICS	(144-S852)	4,973.07
47.	VARIOUS GOVERNMENTAL AGENCIES MADRID, SPAIN CHARACTERIZATION OF THE GROWTH OF HETEROEPITAXIAL SYSTEMS; THE ROLE OF STRUCTURAL DEFECTS FOR THE PERIOD 06-01-85 THROUGH 05-31-88 AT A TOTAL COST OF \$49,937.00 AWARD # GV:85-800 AC, MOD. 5 MSN ENGR MET & MIN ENGR	(144-X355)	2,406.00
48.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI SYNCHROTRON RADIATION CENTER MSN GRAD SYNCHR RAD CTR SYNCH-RAD	(135-0096)	36,500.00
49.	DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE	(133-A103)	
	1,920.00 SHIPPO SEED CO., LTD. MITOYO-GUN, KAGAWA PREF. JAPAN 480.00 MULTIPLE DONORS		2,400.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	76,000.00
51.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	162.00
52.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	731.00
53.	FARIBAULT FOODS MINNEAPOLIS, MN RESEARCH ON THE CONTROL OF PEA ROOT ROT MSN AG&LSC PLANT PATHOLOGY	(133-A357)	5,820.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	28,736.91

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55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	38,736.00
56.	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)	925.00
57.	FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	
	2,200.00 DAIRYLAND RESEARCH INTERNATIONAL CLINTON, WI		
	150.00 MULTIPLE DONORS		
	400.00 MULTIPLE DONORS		
			2,750.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B573)	17,934.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIO-THORACIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B575)	18,500.00
60.	MULTIPLE DONORS DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	300.00
61.	MULTIPLE DONORS SANITARY ENGINEERING RESEARCH MSN ENGR CIVIL & ENV ENGR	(133-B990)	150.00
62.	INTERNATIONAL POTATO CENTER LIMA, PERU FUNDAMENTAL RESEARCH TO DEVELOP CONTROL MEASURES FOR BACTERIAL PATHOGENS OF THE POTATO MSN AG&LSC PLANT PATHOLOGY	(133-C080)	31,000.00
63.	WISCONSIN POTATO AND VEGETABLE GROWERS ASSOC. ANTIGO, WI POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC HANCOCK RES STA	(133-C235)	600.00

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64.	MULTIPLE DONORS NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC RURAL SOCIOLOGY	(133-C551)	300.00
65.	ORE-IDA FOODS PLOVER, WI STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	850.00
66.	MULTIPLE DONORS CLINICAL MICROBIOLOGY LABORATORY FUND MSN HS-MED MED MICROBIOLOGY	(133-C795)	100.00
67.	PITMAN-MOORE TERRE HAUTE, IN LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI	(133-C865)	2,500.00
68.	ONE OF A KIND CONTEST ST PAUL, MN LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS	(133-D016)	2,559.10
69.	HAZLETON LABORATORIES AMERICA, INC. MADISON, WI ALLERGY RESEARCH MSN HS-MED MEDICINE	ALLRGY&IMM (133-D038)	700.00
70.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI EVALUATE THE EFFECT OF FIELD-SCALE LAND APPLICATION OF LIQUID SLUDGE ON CROPS, SOILS AND GROUND WATER ON THE WALWORTH COUNTY FARM MSN AG&LSC SOIL SCIENCE	(133-D209)	194,500.00
71.	WINTHROP LABORATORIES NEW YORK, NY WINTHROP RESEARCH FELLOW IN NEURORADIOLOGY MSN HS-MED RADIOLOGY	(133-D368)	26,250.00
72.	MULTIPLE DONORS OTOLARYNGOLOGY RESEARCH MSN HS-MED SURGERY	OTOLARYN (133-D434)	100.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	3,223.80
74.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	600.00 RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA		
	600.00 RORER PHARMACEUTICAL CORP. FORT WASHINGTON, PA		

1,200.00

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75.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)	180.00
76.	FORT DODGE LABORATORIES FORT DODGE, IA IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE (133-D706)	1,500.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-D926)	52,000.00
78.	KELLOGG (W K) FOUNDATION BATTLE CREEK, MI COMPUTER-BASED INTERACTIVE HEALTH PROGRAM FOR ADOLESCENTS FOR THE PERIOD 06-01-81 THRU 06-30-88 AT A \$1,821,482 LEVEL MSN ENGR ENGR EXPER STA HLTH SYS'S (133-E555)	10,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF PHARMACY RESEARCH MSN HS-PHR PHARMACY (133-E831)	450.00
80.	MULTIPLE DONORS LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-E839)	300.32
81.	MULTIPLE DONORS ONION, CARROT AND GARDEN BEET BREEDING MSN AG&LSC HORTICULTURE (133-E907)	372.88
82.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS (133-E936)	1,390.80
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEOPHYSICAL RESEARCH MSN L&S GEOL & GEOPHYSICS (133-E976)	16,525.00
84.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S (133-F069)	12.50
85.	MULTIPLE DONORS GENERAL RESEARCH MSN HS-PHR PHARMACY (133-F090)	250.00
86.	GRASS VARIETY TESTING MSN AG&LSC AGRONOMY (133-F169)	
	1,350.00 MT EMILY SEEDS, INC. IMBLER, OR 500.00 VISTA WEBSTER CITY, IA	
		1,850.00

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87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ASSISTANCE MSN L&S ECONOMICS	(133-F325)	600.00
88.	MULTIPLE DONORS GEOPHYSICAL RESEARCH MSN L&S GEOL & GEOPHYSICS GEO&POL R	(133-F489)	112.00
89.	PROCTER & GAMBLE COMPANY CINCINNATI, OH DROSOPHILA MUTAGENESIS ASSAYS MSN L&S ZOOLOGY	(133-F628)	80,000.00
90.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	(133-F729)	1,200.00
91.	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)	6,015.00
92.	MULTIPLE DONORS SUPPORT FOR RESIDENTS IN ORTHOPEDIC SURGERY MSN HS-MED SURGERY ORTHO SURG	(133-G057)	437.50
93.	MULTIPLE DONORS PEDIATRIC NEPHROLOGY RESEARCH MSN HS-MED PEDIATRICS	(133-G545)	250.00
94.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	4,064.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT PHOTOGRAPHY AND PUBLICATION FUND IN THE DEPARTMENT OF OPHTHALMOLOGY MSN HS-MED OPHTHALMOLOGY	(133-G817)	8,411.32
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH FUND MSN HS-MED OPHTHALMOLOGY	(133-G818)	3,815.64
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT OPERATIONAL FUND MSN HS-MED OPHTHALMOLOGY	(133-G819)	712.78

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98.	THE DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI ANALYTICAL DIVISION UNDERGRADUATE RESEARCH PROGRAM MSN L&S CHEMISTRY	(133-G839)	2,000.00
99.	RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	2,100.00
100.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	160.00
101.	EASTMAN KODAK COMPANY ROCHESTER, NY CHEMISTRY DEPARTMENTAL SERVICES ACCOUNT MSN L&S CHEMISTRY	(133-H081)	500.00
102.	PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	
	900.00 UNITED COMMUNITY FUND, INC. COLUMBUS, WI		
	150.00 MULTIPLE DONORS		
			1,050.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC	(133-H502)	8,000.00
104.	POTATO ASSOCIATION OF AMERICA ORONO, ME DEFRAY EXPENSES IN CONJUNCTION WITH POSITION AS SECRETARY OF POTATO ASSOCIATION OF AMERICA MSN AG&LSC HORTICULTURE	(133-H549)	960.00
105.	BOEHRINGER INGELHEIM LTD. CHICAGO, IL PHASE I STUDY OF METHOTREXATE AND DIPYRIDAMOLE MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-H690)	19,070.00
106.	DON MAY & SONS FARMS, INC. FRESNO, CA RESEARCH ON VIRUSES IN POTATOES: POTATO SPINDLE TUBER VIROID, RINGROT MSN AG&LSC PLANT PATHOLOGY	(133-H698)	1,500.00
107.	WISCONSIN ELECTRIC POWER COMPANY MILWAUKEE, WI ELECTRICAL AND FUEL USE ON FARMS IN THE WEPKO SERVICE TERRITORY MSN AG&LSC AG ENGINEERING	(133-H704)	19,500.00

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108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUNDS FOR ENGINEERING MINORITY PROGRAM MSN ENGR OPERATIONS	(133-H821)	20,000.00
109.	MERRELL DOW PHARMACEUTICALS, INC. CINCINNATI, OH DOUBLE-BLIND COMPARATIVE STUDY OF MDL 17,043 AND CAPTOPRIL IN PATIENTS WITH MILD TO MODERATELY SEVERE CONGESTIVE HEART FAILURE MSN HS-MED MEDICINE	CARDIOLOGY (133-J204)	70,000.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONTROL OF REPRODUCTION IN DOGS AND CATS MSN VET M MEDICAL SCIENCES	(133-J229)	1,000.00
111.	PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-J303)	
	900.00 JULIAN E. DAVIES PARIS, FRANCE		
	500.00 W. PIEPERSBERG DARMSTADT, GERMANY		
			1,400.00
112.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY	(133-J330)	3,465.00
113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT PHOTOGRAPHY AND PUBLICATION FUND MSN HS-MED OPHTHALMOLOGY	(133-J420)	4,295.69
114.	BRISTOL-MYERS COMPANY SYRACUSE, NY EST 2382 - STUDY OF PLATINOL & RADIATION THERAPY IN HEAD & NECK CANCER AWARD # STUDY #100-056-001 MSN HS-MED HUMAN ONCOLOGY	EAST COOP (133-J439)	15,000.00
115.	UPJOHN COMPANY KALAMAZOO, MI UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-J481)	10,550.00
116.	CREEKWOOD FARMS INCORPORATED LAKE MILLS, WI PRODUCTION OF MYCOPLASMA GALLISEPTICUM VACCINE MSN VET M PATHOBIOLOG SCI	(133-J884)	1,172.62

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117.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	1,130.60
118.	BIOTECHNICA INTERNATIONAL, INC. CAMBRIDGE, MA ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	525.00
119.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI CENTER FOR DAIRY RESEARCH FOR THE PERIOD 02-18-86 THROUGH 02-17-96 AT AN ESTIMATED TOTAL COST OF \$1,257,789. MSN AG&LSC FOOD SCIENCE	(133-K138)	110,250.00
120.	FIREMAN'S FUND INSURANCE CO. EQUINE NEONATAL MEDICINE MSN VET M MEDICAL SCIENCES	(133-K249)	517.50
121.	WISCONSIN SURGICAL SOCIETY MADISON, WI WISCONSIN SURGICAL SOCIETY PROGRAM SUPPORT AND OUTREACH MSN HS-MED SURGERY	(133-K264)	69.21
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUMMER HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S ADM-STU ACAD AFF HONORS PRG	(133-K354)	10,000.00
123.	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)	6,250.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NEUROLOGICAL REHABILITATION RESEARCH MSN HS-MED REHABIL MEDICINE	(133-K604)	4,500.00
125.	ROXANNE LABORATORIES, INC. COLUMBUS, OH DECISION TREE - TEACHING CANCER PAIN MANAGEMENT MSN HS-MED NEUROLOGY	(133-K613)	34,900.00
126.	WISCONSIN RURAL DEVELOPMENT CENTER BLACK EARTH, WI RESEARCH ON SUSTAINABLE AGRICULTURE MSN AG&LSC RURAL SOCIOLOGY	(133-K625)	2,127.90

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127.	COMITE CONJUNTO HISPANO-NORTEAMERICANO PASA LA COOPERACION CULTURAL Y EDUCATIVA MADRID, SPAIN TACTILE VISION SUBSTITUTION FOR CONGENITALLY BLIND FOR THE PERIOD 06-01-86 THRU 05-31-88 AT A TOTAL LEVEL OF \$57,429.00 MSN HS-MED REHABIL MEDICINE	(133-K699)	7,673.00
128.	CANADIAN ELECTRICAL ASSOCIATION MONTREAL, QUEBEC, CANADA REVISIONS TO TRANSIENT ANALYSIS OF CONTROL SYSTEMS (TACS) FOR THE PERIOD 07-01-86 THRU 12-31-88 AWARD # 175 T 331D MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-K779)	80,000.00
129.	WISCONSIN TURFGRASS ASSOCIATION MADISON, WI ROLE OF IRON AND SULFUR IN MAINTENANCE OF TURFGRASS QUALITY MSN AG&LSC SOIL SCIENCE	(133-K807)	2,000.00
130.	KALI-DUPHAR LABORATORIES, INC. COLUMBUS, OH FLUVOXAMINE IN THE TREATMENT OF DEPRESSION MSN HS-PSY PSYCHIATRIC INST	(133-K861)	23,700.00
131.	MULTIPLE DONORS SHEEP PROJECTS MSN AG&LSC MEAT& ANIMAL SCI	(133-K865)	200.00
132.	SURVIVAL TECHNOLOGY, INC. BETHESDA, MD ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-K875)	640.00
133.	GAS RESEARCH INSTITUTE CHICAGO, IL ANALYSIS OF DRILL CORE FROM THE SILJAN RING IMPACT STRUCTURE AND RELATED PROCESSES IN SHEAR-ZONE TERRANES FOR THE PERIOD 10-01-86 THRU 09-30-89 AT A \$348,782 LEVEL AWARD # CONTRACT NO 5086-260-1425 MSN L&S GEOL & GEOPHYSICS	(133-K974)	78,782.00
134.	MULTIPLE DONORS WORK-STUDY SUPPORT IN JOINT PROJECT RESEARCH INVOLVING LIZARD BIOENERGETICS MSN L&S ZOOLOGY	(133-K975)	385.00
135.	MTS SYSTEMS CORPORATION MINNEAPOLIS, MN MTS FELLOWSHIP MSN ENGR ENGR MECHANICS	(133-L052)	4,500.00

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136.	MULTIPLE DONORS ORNAMENTAL RESEARCH MSN AG&LSC HORTICULTURE	(133-L143)	50.00
137.	VLASIC FOODS INC. W. BLOOMFIELD, MI PILLOWY DISORDER - CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE	(133-L280)	6,000.00
138.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SIX MONTH TRANSFER OF ATTACHED ITEMIZED 1987 DRDF COMMITTEE BUDGET MSN HS-MED OPHTHALMOLOGY	(133-L302)	30,000.00
139.	MADISON GAS AND ELECTRIC CO. MADISON, WI EMPLOYMENT CHANGE IN DANE COUNTY: 1978-86 MSN AG&LSC AG ECONOMICS	(133-L352)	3,000.00
140.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINANT SLUDGE ON WILDLIFE FOR THE PERIOD 02-09-87 THRU 06-30-89 AT A \$40,548 LEVEL AWARD # P.O. #NRG 91538,NRH 96556 MSN AG&LSC N R-WILDLIF ECOL	(133-L380)	22,000.00
141.	MULTIPLE DONORS U.W. ORTHOPEDIC RESIDENT RESEARCH FUND MSN HS-MED SURGERY ORTHO SURG	(133-L411)	100.00
142.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR ENGR EXPER STA MFG SY ENG	(133-L417)	2,000.00
143.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI ECONOMICS & YIELD OF GRAINS INFLUENCED BY SOYBEAN POSITION IN CROP ROTATION SYSTEMS AWARD # 1/UW/FY87, 1/UW/FY88 MSN AG&LSC AGRONOMY	(133-L479)	5,900.00
144.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI DEVELOPMENT OF "LEAST COST" TECHNIQUES FOR CONTROLLING PROBLEM WEEDS IN WISCONSIN SOYBEANS AWARD # 1/UW/FY87, 1/UW/FY88 MSN AG&LSC AGRONOMY	(133-L481)	5,000.00
145.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND-DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-L566)	100,000.00

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146.	MULTIPLE DONORS GENERAL WILDLIFE STUDIES MSN AG&LSC N R-WILDLIF ECOL	(133-L592)	150.00
147.	CLINICAL PROTOCOL ASSOCIATES, INC. FORT LEE, NJ EFFICACY AND TOLERABILITY OF BEMITRADINE IN HYPERTENSION AWARD # 86-02-031 MSN HS-MED MEDICINE	CARDIOLOGY (133-L627)	8,544.00
148.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ THEOPHYLLINE-SPARING ROLE OF ZADITEN IN THE PROPHYLAXIS OF PREDOMINANTLY MODERATE EXTRINSIC ASTHMA MSN HS-MED MEDICINE	ALLRGY&IMM (133-L652)	16,401.00
149.	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)	27,986.05
150.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC VOICE/GENERAL RESEARCH PROJECT MSN HS-MED SURGERY	OTOLARYN (133-L897)	1,500.00
151.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 07-01-87 THRU 06-30-88 MSN GRAD L&S	JOURN& M C (133-L995)	2,000.00
152.	NORTH ATLANTIC TREATY ORGANIZATION BRUSSELS, BELGIUM BORON HYDRIDE CLUSTER POLYMERS: PRECURSORS TO SOLID STATE MATERIALS AWARD # NATO #0015187 MSN L&S CHEMISTRY	(133-M053)	2,175.64
153.	PFIZER, INC. NEW YORK, NY OPEN, LONG TERM SERTRALINE THERAPY IN THE TREATMENT OF PATIENTS WITH OBSESSIVE-COMPULSIVE DISORDER AWARD # 86-N-0173 MSN HS-PSY PSYCHIATRIC INST	(133-M144)	34,700.00
154.	URBAN AND REGIONAL INFORMATION SYSTEMS ASSC. WASHINGTON, DC DEVELOPMENT OF PROCEDURES & MATERIALS FOR EDUCATION & TECHNICAL ASSISTANCE IN THE AREA OF MULTIPURPOSE LAND INFORMATION SYSTEMS MSN ENV ST LAND INFO STU LD INFO ST	(133-M175)	6,572.00

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155.	POWER & ENERGY INTERNATIONAL, INC. BELOIT, WI STUDY IN TRIBOLOGY AND VIRATION MSN ENGR MECHANICAL ENGR	(133-M177)	4,000.00
156.	OFICINA IICA EN COLOMBIA BOGOTA, COLOMBIA CONSULTORY AGREEMENT WITH THE COLOMBIAN OFFICE OF THE INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE (IICA) AND THE UNIVERSITY OF WISCONSIN MSN VET M ADM-RES& GRAD TR ADM-RES&GR	(133-M185)	6,772.00
157.	GENERAL MOTORS CORPORATION WARREN, MI CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR	(133-M322)	3,333.33
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION PROJECT: ADOLESCENTS, PARENTS, AND NEW COMMUNICATION TECHNOLOGIES MSN GRAD L&S JOURN& M C	(133-M363)	5,422.00
159.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN GRAD ENGINEERING INDUS ENGR	(133-M364)	1,500.00
160.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY HOMEOTIC AND SEGMENTATION GENE INTERACTIONS IN DROSOPHILA FOR THE PERIOD 01-08-88 THRU 12-31-89 (CANCELLED DUE TO PRINCIPAL INVESTIGATOR RECEIVING FUNDING FROM NIH) AWARD # NP-632 MSN HS-MED GENETICS	(133-M378)	175,000.00-
161.	APPLE COMPUTER CORPORATION CUPERTINO, CA APPLE COMPUTER 1988 CONSULTATION PROJECT MSN GRAD WAISMAN CENTER	(133-M380)	30,000.00
162.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI STUDY OF ENERGY SAVINGS ACHIEVED FROM HEAT EXCHANGES ON DAIRY FARMS AWARD # 41822 MSN AG&LSC AG ENGINEERING	(133-M514)	19,000.00
163.	DANE COUNTY UNIFIED SERVICES BOARD MADISON, WI COMMUNICATION SYSTEMS FOR NON-VOCAL DD CHILDREN AND ADULTS FOR THE PERIOD 01-01-88 THRU 12-31-88 AWARD # 90119 MSN GRAD WAISMAN CENTER	(133-M523)	47,446.00

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164.	HOFFMAN-LAROCHE, INC. NUTLEY, NJ A PHASE 1/11 PILOT STUDY OF RECOMBINANT HUMAN 1L-2 INDUCTION WITH FOUR WEEKLY CYCLES OF FOUR DAYS OF RIL-2 THERAPY GIVEN AS A 24-HOUR CONTINUOUS I.V. INFUSION FOLLOWED BY MAINTENANCE THERAPY MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-M535)	120,000.00
165.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM ENOXIMORE TREATMENT OF PATIENTS WITH MILD TO MODERATELY SEVERE HEART FAILURE FOLLOWING THEIR PARTICIPATION IN CONTROLLED SHORT TERM STUDIES MSN HS-MED MEDICINE CARDIOLOGY (133-M556)	6,000.00
166.	DUPONT CRITICAL CARE WAUKEGAN, IL CLINICAL TRIAL OF ORGAN PRESERVATION SOLUTION MSN HS-MED SURGERY GEN SURG (133-M572)	11,742.00
167.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WEAR RESISTANT COATINGS RESEARCH MSN ENGR MET & MIN ENGR (133-M611)	5,000.00
168.	CONTROLLED GROWTH TECHNOLOGIES, INC. SASKATOON, SASKATCHEWAN, CANADA CULTIVATION OF THE SHIITAKE MUSHROOM MSN L&S BOTANY (133-M621)	1,000.00
169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LATIN AMERICAN ACQUISITIONS TRIP MSN L&S SPANISH & PORT IBERO-AMER (133-M630)	4,237.00
170.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL TO RIO DE JANEIRO, BRAZIL MSN L&S SPANISH & PORT IBERO-AMER (133-M631)	1,400.00
171.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRAVEL AND MAINTENANCE TO ARGENTINA AND BRAZIL MSN L&S SPANISH & PORT IBERO-AMER (133-M632)	4,256.00
172.	MULTIPLE DONORS RADIOLOGY RESEARCH MSN VET M SURGICAL SCI (133-M663)	200.00
173.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE RESEARCH IN HYDROLOGY MSN ENGR CIVIL & ENV ENGR (133-M667)	400.00

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174.	SONOCO PRODUCTS COMPANY HARTSVILLE, SC DEVELOPMENT OF A VIABLE APPROACH FOR QC TESTING OF PRODUCTION-TYPE PAPER TUBES FOR THE PERIOD 02-22-88 THRU 02-21-89 MSN ENGR ENGR EXPR STA STRUCT&M T (133-M673)	48,600.00
175.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-FA-19 MSN HS-MED PREVENTIVE MED (133-M674)	7,000.00
176.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-FA-04 MSN HS-MED PHYSIOLOGY (133-M675)	7,000.00
177.	LIPHA CHEMICALS, INC. MILWAUKEE, WI BIOCONTROL OF DAMPING OFF BY BACILLUS CEREUS STRAIN UW85 MSN AG&LSC PLANT PATHOLOGY (133-M678)	5,000.00
178.	CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY (133-M707)	
	5,000.00 RHONE-POULENC AG COMAPNY RESEARCH TRIANGLE PARK, NC 3,525.00 LEACH FARMS INC. BERLIN, WI	
		8,525.00
179.	UPJOHN COMPANY KALAMAZOO, MI UPJOHN FELLOWSHIP AWARD MSN HS-PHR PHARMACY (133-M708)	18,000.00
180.	BIOTECHNOLOGY AUSTRALIA PTY LTD. ROSEVILLE, NSW, AUSTRALIA PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY (133-M710)	5,000.00
181.	ALEXANDER GROUP, INC. NEW YORK, NY THE ALEXANDER GROUP - FELLOWSHIP SUPPORT MSN BUS SCH OF BUSINESS (133-M711)	6,000.00
182.	INTER UNIVERSITY CONSORTIUM FOR EDUCATIONAL COMPUTING PITTSBURGH, PA ICEC/APPLE COMPUTER FELLOWSHIP MSN L&S ANTHROPOLOGY (133-M712)	2,500.00

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183.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 02-01-88 THRU 08-31-90 AWARD # PF-2989 MSN GRAD MOLECULAR BIOL	(133-M713)	49,500.00
184.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PYI MATCHING FUNDS MSN ENGR MET & MIN ENGR	(133-M715)	20,000.00
185.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ASTRONAUTICS RELATED ACTIVITIES IN ENGINEERING MECHANICS DEPARTMENT MSN ENGR ENGR MECHANICS	(133-M716)	2,000.00
186.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IMPROVING THE EFFICIENCY OF PNEUMATIC FORAGE CONVEYING SYSTEMS MSN AG&LSC AG ENGINEERING	(133-M718)	14,857.00
187.	KIBBUTZ LANGDON FOUNDATION INC. MIDDLETON, WI VISITING PROFESSOR OF JEWISH HISTORY MSN L&S HISTORY	(133-M719)	12,500.00
188.	CARNEGIE CORPORATION OF NEW YORK NEW YORK, NY ENFORCING CONTROLS ON NUCLEAR EXPORTS AWARD # D88041 MSN LAW LAW SCHOOL	(133-M721)	25,000.00
189.	TROUT UNLIMITED WISCONSIN STATE COUNCIL VIENNA, VA ANALYSIS OF STATE NATURAL RESOURCES POLICY MSN ENV ST ENVIR POLICY ST	(133-M722)	1,000.00
190.	WISC DEPT OF NATURAL RESOURCES MADISON, WI MERCURY BIOACCUMULATION RESEARCH - TROUT LAKE STATION FOR THE PERIOD 02-15-88 THRU 06-30-88 AWARD # NRH 96421 MSN L&S LIMNOLOGY CTR	(133-M723)	12,000.00
191.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI GRANT DEVELOPMENT OF ADDITIONAL WISCONSIN VIETNAM VETERAN HEALTH STUDIES FOR THE PERIOD 03-01-88 THRU 09-30-88 AWARD # FAH 59061 MSN ENV ST CT HUMAN SYSTEMS	(133-M724)	17,000.00

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192.	FORD FOUNDATION NEW YORK, NY THE GOVERNANCE OF CAPITALIST SOCIETIES FOR THE PERIOD 01-01-88 THRU 12-31-89 AWARD # 885-0346 MSN L&S HISTORY	(133-M725)	31,500.00
193.	GENERAL ENTOMOLOGICAL RESEARCH MSN AG&LSC ENTOMOLOGY 1,500.00 MOBAY CHEMICAL CORPORATION KANSAS CITY, MO 3,000.00 E. I. DU PONT DEMOURS & COMPANY WILMINGTON, DE	(133-M728)	4,500.00
194.	ZOOLOGICAL SOCIETY OF MILWAUKEE COUNTY MILWAUKEE, WI ANALYSIS OF RHINOCEROS SEMEN AND APPLICATIONS FOR SPECIES CONSERVATION MSN AG&LSC VETERINARY SCI	(133-M729)	6,000.00
195.	MULTIPLE DONORS POLYCYSTIC KIDNEY DISEASE RESEARCH MSN VET M SURGICAL SCI	(133-M730)	50.00
196.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN TREPONEMAL & LYME DISEASE MSN HS-MED MED MICROBIOLOGY	(133-M733)	3,500.00
197.	NATIONAL RIFLE ASSOCIATION WASHINGTON, DC POPULATION DYNAMICS OF WHITE-TAILED DEER IN NORTHERN WISCONSIN FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN AG&LSC N R-WILDLIF ECOL	(133-M734)	3,000.00
198.	WISCONSIN BEEF COUNCIL, INC. MADISON, WI DEVELOPMENT OF AN INFUSION PROCEDURE TO IMPROVE BEEF QUALITY MSN AG&LSC MEAT& ANIMAL SCI	(133-M735)	10,000.00
199.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY ANATOMY AND TIMING OF COMMISSURAL TRANSFER IN DISABLED AND NORMAL READERS FOR THE PERIOD 03-01-88 THRU 02-28-89 AWARD # 12-165 MSN L&S PSYCHOLOGY	(133-M736)	20,000.00
200.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY MATERNAL PERCEPTION OF LOW BIRTHWEIGHT INFANTS AND THE GENESIS OF COMMUNICATION SKILLS FOR THE PERIOD 03-01-88 THRU 02-28-89 AWARD # 12-11 MSN GRAD WAISMAN CENTER	(133-M737)	18,000.00

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201.	BRADLEY (LYNDE AND HARRY) FOUNDATION, INC. MILWAUKEE, WI INTERNATIONAL LENDING AND SOVEREIGN RISK FOR THE PERIOD 03-15-88 THRU 08-31-89 MSN L&S ECONOMICS	(133-M741)	35,561.00
202.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-FA-O9C MSN AG&LSC BIOCHEMISTRY	(133-M742)	7,000.00
203.	PROCTER & GAMBLE COMPANY CINCINNATI, OH CLINICAL ASSESSMENT OF VITAMIN K DEFICIENCY MSN AG&LSC BIOCHEMISTRY	(133-M743)	25,000.00
204.	WORLD HEALTH ORGANIZATION GENEVA, SWITZERLAND A GUINEA PIG MODEL AS A RESEARCH RESOURCE FOR EVALUATING THE PROTECTIVE EFFICACY OF NEW ANTITUBERCULOSIS VACCINES FOR THE PERIOD 02-01-88 THRU 01-31-89 AWARD # V25/181/21 (A) MSN HS-MED MED MICROBIOLOGY	(133-M745)	36,346.00
205.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI UTILIZATION OF SOY LECITHIN AS A FEED ADDITIVE FOR DAIRY PRODUCTION AWARD # 1/UW/FY88 MSN AG&LSC DAIRY SCIENCE	(133-M747)	5,350.00
206.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI EFFECT OF ROASTING AND GRINDING OF SOYBEANS ON UTILIZATION OF SOY OIL BY HIGH-PRODUCING COWS IN EARLY LACTATION AWARD # 1/UW/FY88 MSN AG&LSC DAIRY SCIENCE	(133-M748)	4,000.00
207.	DEFOLIART, GENE R MADISON, WI FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY	(133-M749)	1,000.00
208.	ARTHRITIS FOUNDATION ATLANTA, GEORGIA POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-90 MSN L&S CHEMISTRY	(133-M751)	80,000.00
209.	PALM OIL RESEARCH INSTITUTE OF MALAYSIA MALAYSIA ANTI-CARCINOGENIC AND NORMO-CHOLESTROLEMIC EFFECTS OF MINOR CONSTITUENTS OF PALM OIL AWARD # 8-001/11/55 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(133-M752)	103,080.00

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210.	CAMBRIDGE NEUROSCIENCE RESEARCH, INC. CAMBRIDGE, MA PHASE-TRANSFER CONFORMATIONAL AMPHIPHILES FOR THE PERIOD 04-01-88 THRU 09-30-89 MSN L&S CHEMISTRY	(133-M754)	33,000.00
211.	RETIREMENT RESEARCH FOUNDATION PARK RIDGE, IL ELDERLY PARENTS OF MIDDLE AGED DEPENDENT CHILDREN: THE IMPACT OF FORMAL AND INFORMAL SUPPORTS FOR THE PERIOD 09-01-88 THRU 08-31-91 AWARD # 87-130 MSN GRAD WAISMAN CENTER	(133-M755)	169,886.00
212.	EMERSON ELECTRIC COMPANY HAZELWOOD, MO ACOUSTIC NOISE GENERATION IN INVERTER FED AC MACHINES MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M756)	49,950.00
213.	AMERICAN SOCIETY FOR ENGINEERING EDUCATION WASHINGTON, DC FELLOWSHIP DEPARTMENT ALLOWANCE MSN ENGR ENGR EXPER STA MATERLS SC	(133-M758)	2,000.00
214.	WOODWARD GOVERNOR COMPANY ROCKFORD, IL PRESSURE TRANSDUCER RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M760)	27,800.00
215.	MULTIPLE DONORS DERMATOLOGY RESEARCH MSN HS-MED MEDICINE DERMATOLGY	(133-4911)	450.00
216.	FRITO-LAY, INC. DALLAS, TX RESEARCH ON POTATO GENETICS MSN AG&LSC HORTICULTURE	(133-5762)	9,600.00
217.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-7153)	10,895.00
218.	BASF CORPORATION PARSIPPANY, NJ SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	960.00
219.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	243.23

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

220.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE	(133-8123)	1,368.00
221.	WISCONSIN CROP IMPROVEMENT ASSOC. MADISON, WI GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	12,000.00
222.	MID AMERICA AG RESEARCH, INC. VERONA, WI HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	1,500.00

STUDENT AID

1.	DISNEY CHANNEL BURBANK, CA ALUMNI-COLLEGE BOWL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	1,500.00
2.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	7,286.67
3.	EARNINGS ON MISC. INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	(TRUST)	212.50
4.	MILWAUKEE FOUNDATION MILWAUKEE, WI BACON, FRANK ROGERS--SCHOLARSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(TRUST)	30,534.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(TRUST)	36,463.57
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WATERS, DR. RALPH M.--SCHOLARSHIP MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	100.00
7.	WISCONSIN AGRICULTURAL ENGINEER SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	
	143.50 AMERICAN PRINTING COMPANY, INC. MADISON, WI		
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		

643.50

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

- | | | | |
|-----|--|--------------|------------|
| 8. | RAWLINGS, CHERYL M.
AUSTIN, TX
MCGIBBON, W. H.--SCHOLARSHIP
MSN AG&LSC POULTRY SCIENCE | (TRUST) | 100.00 |
| 9. | MULTIPLE DONORS
CLASS OF 1953--MEDICAL SCHOOL SCHOLARSHIP
MSN HS-MED | (TRUST) | 650.00 |
| 10. | BRUCKMAN, JAMES E. M.D.
FOX POINT, WI
PETERSON, H. ISABELLE--SCHOLARSHIP FUND
MSN HS-MED | (TRUST) | 50.00 |
| 11. | CHARAPATA, STEVEN M.D. & LINDA
KANSAS CITY, MO
WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND
MSN HS-MED | (TRUST) | 250.00 |
| 12. | EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$6,664,081.00
AWARD # PO08802947, MOD. 3
MSN G SERV FELLOWS & SCHOLS | (148-A088) | 390,221.00 |
| 13. | WISCONSIN POULTRY IMPROVEMENT ASSOCIATION
MADISON, WI
WISCONSIN POULTRY IMPROVEMENT ASSOCIATION
SCHOLARSHIP
MSN AG&LSC ACAD STU AFF ADM | (133-B346) | 500.00 |
| 14. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ALICE A. THORNGATE SCHOLARSHIP
MSN HS-A H MED TECHNOLOGY | (133-C794) | 500.00 |
| 15. | WISCONSIN DAIRY TECHNOLOGY SOCIETY
MADISON, WI
PROFESSOR K. G. WECKEL MEMORIAL SCHOLARSHIP
MSN AG&LSC ACAD STU AFF ADM | (133-C979) | 600.00 |
| 16. | WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
SCHOLARSHIPS FOR NEEDY YOUNG WOMEN & MEN FROM
WISCONSIN FAMILY FARMS ENROLLING IN THE
UW-MADISON, CENTER FOR HEALTH SCIENCES, SCHOOL OF
ALLIED HEALTH PROFESSIONS
MSN HS-A H ADMINISTRATION | (133-C980) | 323.00 |
| 17. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FELLOWSHIP IN CHEMICAL ENGINEERING
MSN ENGR CHEMICAL ENGR | (133-F609) | 7,481.00 |

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCELVAIN OUTSTANDING ACHIEVEMENT AWARDS TO GRADUATE STUDENTS MSN L&S CHEMISTRY	(133-F784)	3,750.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TREWARTHA HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S ADM-STU ACAD AFF HONORS PRG	(133-H333)	3,500.00
20.	GENERAL MILLS, INC. MINNEAPOLIS, MN GENERAL MILLS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J151)	2,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	1,200.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC MERIT SCHOLARSHIP MSN L&S ECONOMICS	(133-L290)	800.00
23.	GREAT-WEST LIFE ASSURANCE COMPANY DENVER, CO GREAT-WEST LIFE ASSURANCE SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-L334)	1,500.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARGARET KOHLI SCHOLARSHIP MSN HS-A H PHYSICAL THERAPY	(133-L657)	500.00
25.	LIFE HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, DC LUTHERAN BROTHERHOOD SCHOLARSHIP MSN HS-MED HUMAN ONCOLOGY	(133-M709)	7,000.00
26.	WISCONSIN AGLIME ASSOCIATION MAYVILLE, WI SCHOLARSHIPS FOR STUDENTS IN AGRICULTURE AT MADISON, PLATTEVILLE AND RIVER FALLS MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-M739)	250.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS	(133-8377)	3,500.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS	(133-8953)	19,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

UNRESTRICTED

1.	SMITHS INDUSTRIES		
	GRAND RAPIDS, MI		
	UNRESTRICTED RESEARCH IN ELECTRO-OPTICS		
	MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M740)	14,898.00
2.	EASTMAN PHARMACEUTICALS		
	GREAT VALLEY, PA		
	PHARMACEUTICAL RESEARCH		
	MSN HS-PHR PHARMACY	(133-M744)	35,000.00
3.	HORNEMANN, ULFERT		
	MADISON, WI		
	PHARMACY RESEARCH		
	MSN HS-PHR PHARMACY	(133-M746)	1,416.25
	TOTAL MADISON		27,717,315.00
			=====

EXTENSION AND PUBLIC SERVICE	85,500.00
INSTRUCTION	572,959.00
LIBRARIES	32,459.40
MISCELLANEOUS	662,591.80
PHYSICAL PLANT	26,626.00
RESEARCH	25,765,449.31
STUDENT AID	520,415.24
UNRESTRICTED	51,314.25

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. PERKIN-ELMER
OAKBROOK, IL
LAMBDA 4B UV/VISIBLE SPECTROMETER
PO UBH M098490
MIL L&S CHEMISTRY
2. PERKIN-ELMER
OAKBROOK, IL
GIFT OF LAMBDA 4B UV/VISIBLE SPECTROMETER
DONATED TO THE DEPARTMENT OF CHEMISTRY
AWARD # NONE
MIL L&S CHEMISTRY
3. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF COMPUTER DONATED TO THE CENTER OF
ECONOMIC EDUCATION
MIL L&S ECONOMIC EDUC
4. ALLEN-BRADLEY, A ROCKWELL INTL. SUBSIDIARY
MILWAUKEE, WI
GIFT OF TORIT MODEL 124-H DUST COLLECTOR; BINKS
MODEL 1603 HIGH VOLTAGE POWER SUPPLIES; LOUIS
ALLIS CO. MODEL A21004PL SPEED REDUCER DONATED
TO THE CENTER FOR GREAT LAKES STUDIES
AWARD # NONE
MIL GRAD GT LKS ST, CTR F

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
UNIVERSITY OF WISCONSIN-MILWAUKEE, YOUNG SCHOLARS
PROJECT
FOR THE PERIOD 02-15-88 THROUGH 01-31-90
AWARD # RCD-8850248
MIL AC AFF GENERAL (144-AF44) 48,973.00
2. CONSORTIUM FOR INTERNATIONAL COOPERATION IN
HIGHER EDUCATION
WASHINGTON, DC
PRIME CONTRACTOR WITH STATE
INTERNATIONAL INTERDEPENDENCE: MILWAUKEE AND
THE THIRD WORLD
FOR THE PERIOD 08-22-88 THROUGH 01-05-89
MIL L&S COLL INSTR PROG (144-AF29) 1,000.00
3. WOODROW WILSON NATIONAL FELLOWSHIP
FOUNDATION
PRINCETON, NJ
AN INSTITUTE FOR TEACHERS OF HIGH SCHOOL PHYSICS
FOR THE PERIOD 01/14/88 THROUGH 12/31/88
MIL L&S PHYSICS (133-M761) 3,234.50

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

1. ARTS MIDWEST/NEA
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
TOURING PROGRAM (ELIZA MONTES PERFORMANCE AND
JOSEPH HOLMES DANCE THEATRE PERFORMANCE)
FOR THE PERIOD 07-16-87 THROUGH 03-06-88
AWARD # FY88-298&297
MIL F ARTS METRO ARTS PROG ADMIN (144-Z731) 2,587.00
2. VETERANS ADMINISTRATION
MILWAUKEE, WI
VETERANS ADMINISTRATION OVERHEAD
FOR THE PERIOD 07-01-78 THROUGH 12-31-99
AWARD # CHECK NO. 308551339895 &
MIL STU AF OFF OF REGISTRAR (144-M701) 3,175.70
3. UWM FOUNDATION
(ALAN C. KINDT)
MILWAUKEE, WI
AMERICAN GEOGRAPHICAL SOCIETY COLLECTION SHORT
TERM FELLOWSHIPS IN THE HISTORY OF CARTOGRAPHY
MIL LIBR LIBRARY (133-M717) 5,000.00
4. GENERAL ELECTRIC
FT. MYERS, FL
INDUSTRY/STUDENT TEAM DESIGN COURSE
(ERRONEOUSLY REPORTED ON 3/11/88 REGENTS
REPORT)
MIL ENG&AS MECHANICAL ENGR (133-8722) 2,070.75-

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
 - 1) INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF CENTRAL
LIBRARY, STAGE 2
FOR THE PERIOD 04-01-87 THROUGH 04-01-88
AWARD # 5-S-00642-0
MIL ADM AF ASST CHAN OFFICE (144-J489) 28,748.00
 - 2) INTEREST SUBSIDY GRANT FOR THE GREAT LAKES STUDY
CENTER
FOR THE PERIOD 04-01-87 THROUGH 04-01-88
AWARD # 5-S-00641-0
MIL ADM AF ASST CHAN OFFICE (144-M862) 9,243.00
 - 3) INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE CHEMISTRY
BUILDING
FOR THE PERIOD 06-12-74 THROUGH 03-02-88
AWARD # 5-S-00611-0
MIL ADM AF ASST CHAN OFFICE (144-Q827) 14,677.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

PHYSICAL PLANT

4) INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE HUMANITIES
BUILDING
FOR THE PERIOD 12-06-74 THROUGH 04-15-88
AWARD # 5-5-00612-O
MIL ADM AF ASST CHAN OFFICE (144-Q828) 29,912.00

RESEARCH

1. GREAT LAKES FISHERY COMMISSION
ANN ARBOR, MI
IDENTIFICATION OF LAKE TROUT STOCKS USING
NUCLEAR RIBOSOMAL DNA
FOR THE PERIOD 01-01-88 THROUGH 12-31-89
AWARD # N.A.
MIL L&S BIOLOGICAL SCI (144-T698) 56,788.00

2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
MINORITY HIGH SCHOOL RESEARCH APPRENTICE PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 2 S03 RRO3407-04
MIL AC AFF STU ACAD SUPPORT (144-AF07) 7,500.00

3. ENVIRONMENTAL PROTECTION AGENCY
CHICAGO, IL
ALGAL PRODUCTIVITY MEASUREMENTS AT GREAT LAKES
WATER INTAKES
FOR THE PERIOD 01-01-88 THROUGH 12-31-88
AWARD # R005880-02
MIL GRAD GT LKS ST, CTR F (144-AC85) 97,115.00

4. NATIONAL AERONAUTICS AND SPACE ADMIN
WASHINGTON, D. C.
REMOTE SENSING OF A BIOGEOCHEMICAL CYCLE: THE
MANGANESE CYCLE IN A FRESHWATER LAKE
FOR THE PERIOD 02-01-88 THROUGH 01-31-89
AWARD # NAGW-1047-S1
MIL GRAD GT LKS ST, CTR F (144-Z212) 48,446.00

5. THE SCIENCE MUSEUM OF MINNESOTA
ST. PAUL, MN
RESEARCH AND MANUSCRIPT PREPARATION
MIL L&S PHYSICS (133-A447) 2,000.00

6. THE SCIENCE MUSEUM OF MINNESOTA
ST. PAUL, MN
RESEARCH AND MANUSCRIPT PREPARATION
MIL L&S PHYSICS (133-A448) 2,000.00

7. RMT, INC.
MADISON, WI
EVALUATION STUDIES OF AN ARCHAEOLOGICAL SITE AT A
PROPOSED LANDFILL IN OAK CREEK, MILWAUKEE COUNTY
WISCONSIN
AWARD # P.O. 16206
MIL L&S ANTHROPOLOGY (133-E567) 6,528.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

8.	CONSULTATION & SAMPLE ANALYSIS MIL L&S PHYSICS	(133-E596)	
	1,000.00 MIDWEST THIN FILMS MILWAUKEE, WI		
	1,100.00 MIDWEST RESEARCH MICROSCOPY THIN FILMS MILWAUKEE, WI		
			2,100.00
9.	UWM FOUNDATION (SHAW RESEARCH FUND) MILWAUKEE, WI SHAW RESEARCH FUND MIL L&S BIOLOGICAL SCI	(133-F467)	8,800.00
10.	MILWAUKEE COUNTY HOUSE OF CORRECTION FRANKLIN, WI FISH FARM PROJECT FOR THE PERIOD 03/01/88 THROUGH 12/31/88 MIL GRAD GT LKS ST, CTR F	(133-G392)	24,375.00
11.	UWM FOUNDATION, ACCT. NO. 318.0 (HARVEY D. WILMETH) MILWAUKEE, WI DISCRETIONARY USE FOR RESEARCH AND SPECIAL PROJECTS MIL L&S ECONOMIC EDUC	(133-G400)	5,000.00
12.	GREDE FOUNDRIES, INC MILWAUKEE, WI DISCRETIONARY USE OF DR. VENUGOPALAN TO STUDY DUCTILE IRON MATERIAL PROPERTIES MIL ENG&AS MATERIALS	(133-H689)	3,500.00
13.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI A STUDY OF COMBUSTION AIR FLOW MEASUREMENT AND HEAT TRANSFER ASPECTS OF A UNIQUE BOILER DESIGN FOR THE PERIOD 01/01/87 THROUGH 06/30/87 MIL ENG&AS MECHANICAL ENGR	(133-J640)	22,317.00
14.	UWM FOUNDATION MILWAUKEE, WI CASH GIFT TO COVER COST OF REPAIR /CALIBRATION OF A PYRO MICRO-OPTICAL PYROMETER AWARD # PRF 18262-AC1,4 MIL L&S CHEMISTRY	(133-K744)	850.00
15.	FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS CIVIL ENGINEER'G	(133-K994)	2,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

16. UWM FOUNDATION (#871)
(SHAW RESEARCH FUND)
MILWAUKEE, WI
SHAW SCHOLAR AWARD
MIL L&S CHEMISTRY (133-L946) 2,826.76
17. BIOLOGICAL SCIENCES DEPARTMENT CHAIR DISCRETIONARY
ACCOUNT
MIL L&S BIOLOGICAL SCI (133-M292)
- 300.00 MARY LYNNE PERILLE COLLINS
MILWAUKEE, WI
400.00 DONNA J. SHERIDAN
JOHNSTOWN, PA
- 700.00
18. MILWAUKEE COUNTY DEPARTMENT OF PARKS,
RECREATION AND CULTURE
MILWAUKEE, WI
LAKEFRONT TERRACE FACILITIES PROGRAM
MIL ARC&UP ARCH&U P RES CTR (133-M677) 15,000.00

STUDENT AID

1. VARIOUS
MILWAUKEE, WI
GIFTS TO UWM TRACK & CROSS COUNTRY
MIL STU AF INTRCOL ATHL-MEN CROS CNTRY (133-D743) 236.00
2. AMERICAN HEART ASSOCIATION
MILWAUKEE, WI
GLOCOCTOCOID REGULATION
OF FIBRONECTIN BIOSYNTHESIS
FOR THE PERIOD 07/01/88 THROUGH 06/30/89
AWARD # 88-FA37
MIL L&S BIOLOGICAL SCI BIOL SCI'S (133-M714) 7,000.00

TOTAL MILWAUKEE 459,561.21

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INSTRUCTION	53,207.50
MISCELLANEOUS	8,691.95
PHYSICAL PLANT	82,580.00
RESEARCH	307,845.76
STUDENT AID	7,236.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
ROCKVILLE, MD
ESTABLISHMENT OF AN OFF-CAMPUS BACCALAUREATE
NURSING PROGRAM
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AWARD # 1 D10 NU25238-01
EAU NURSG DEAN OF NURSING (144-7055) 109,783.00

RESEARCH

1. DOD, AIR FORCE
ELGIN AFB, FL
AFSC UNIVERSITY RESIDENT RESEARCH PROGRAM
FOR THE PERIOD 01-15-88 THROUGH 01-14-89
EAU ART&SC PHYS & ASTRONOMY (144-8023) 48,661.00

2. BARRON COUNTY
BARRON COUNTY, WI
ARCHAEOLOGICAL SURVEY/COUNTY TRUNK HIGHWAY "D"
FOR THE PERIOD 02/10/88 THRU 06/30/88
AWARD # BC-2-10-88
EAU ART&SC SOCIAL & ANTHROP (133-8074) 603.00

TOTAL EAU CLAIRE 159,047.00
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INSTRUCTION 109,783.00
RESEARCH 49,264.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

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|--|------------|----------|
| 1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
COFRIN MEMORIAL ARBORETUM
GBY FCL PL ADMINISTRATION | (133-B653) | 2,230.58 |
| 2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ATHLETICS MEN - GENERAL
GBY ATHL ATHLETICS - MEN | (133-E188) | 1,801.19 |

PHYSICAL PLANT

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|---|------------|-----------|
| 1. EDUCATION, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |
| 1) THE COLLEGE OF CREATIVE COMMUNICATIONS PHASE I
(5-5-00610-0) AND PHASE II (5-5-00638-0)
INTEREST SUBSIDY GRANT
FOR THE PERIOD 02-01-74 THROUGH 04-01-88
AWARD # 5-5-00610-0 & 5-5-00638-0
GBY UNIT-W DEBT SV AC BLDGS | (144-J543) | 55,398.00 |
| 2) INTEREST SUBSIDY GRANT FOR GREEN BAY COLLEGE OF
COMMUNITY SCIENCES
FOR THE PERIOD 04-28-74 THROUGH 04-01-88
AWARD # 5-5-00637-0
GBY UNIT-W DEBT SV AC BLDGS | (144-K555) | 29,685.00 |

RESEARCH

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|---|------------|-----------|
| 1. WISCONSIN PUBLIC SERVICE CORPORATION
GREEN BAY, WI
RADON AND BUILDING SITES
GBY ENV SC SCI & ENVIR CHG | (133-M178) | 10,000.00 |
| 2. GREATER GREEN BAY BOWLING PROPRIETORS ASSOCIATION
GREEN BAY, WI
COMMUNITY RECREATIONAL SURVEY
GBY COM SC URB & PUB AFFAIR | (133-M706) | 750.00 |

STUDENT AID

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|--|------------|---------|
| 1. 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 \$1,560,692.00
AWARD # PO08702950, MOD. 8
GBY ST AID FEL & SCHOL-AOG | (148-D087) | 187.00- |
|--|------------|---------|

TOTAL GREEN BAY

99,677.77

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MISCELLANEOUS	4,031.77
PHYSICAL PLANT	85,083.00
RESEARCH	10,750.00
STUDENT AID	187.00-

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
PUBLIC ARCHAEOLOGY PROGRAM
FOR THE PERIOD 12-01-87 THROUGH 04-30-88
AWARD # FY87-56(L)
LAC L&S SOCIOL & ANTHROP (144-8818) 1,466.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
LECTURE PROGRAM ON WISCONSIN ARCHAEOLOGY
FOR THE PERIOD 02-01-88 THROUGH 05-31-88
AWARD # FY87-61(H)
LAC L&S SOCIOL & ANTHROP (144-8855) 1,245.00
3. SMALL BUSINESS ADMIN
WASHINGTON, DC
SMALL BUSINESS INSTITUTE CONTRACT FOR FY88
FOR THE PERIOD 10-01-87 THROUGH 09-03-88
AWARD # SBA 2596
LAC BUS AD DEANS OFFICE DEANS OFF (144-0115) 18,800.00
4. UW LACROSSE FOUNDATION
LACROSSE, WI
GRANT TO SUPPORT SCIENCE AND HUMANITIES
IN-SERVICE PROGRAMS DURING SUMMERS
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-23
LAC EX DIV EXTENDED SVCS EXT SVCS (133-0612) 2,000.00
5. MULTIPLE DONORS
LACROSSE, WI
SUPPORT FOR LACROSSE EXERCISE PROGRAM
LAC H,PE&R LAC EXERCISE PRG (133-2701) 500.00
6. UW LACROSSE FOUNDATION
LACROSSE, WI
CONFERENCE ON THE RIO DE LA PLATA
AREA OF SOUTH AMERICA
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-8
LAC L&S FOREIGN LANGUAGE (133-4020) 800.00
7. UW LACROSSE FOUNDATION
LACROSSE, WI
SUPPORT FOR CAMPUS RADIO STATION
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-26
LAC L&S MASS COMMUNICATNS (133-6320) 2,000.00
8. UW LACROSSE FOUNDATION
LACROSSE, WI
CONFERENCE ON THE WRITINGS OF HEIDIGGER
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-11
LAC L&S PHILOSOPHY (133-7203) 561.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

- | | | | |
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| 9. | MULTIPLE DONORS
HUNTING AND FISHING PROGRAMS
FOR THE PERIOD 01/01/88 THRU 12/31/88
LAC L&S PSYCHOLOGY | (133-7826) | 1,109.00 |
| 10. | WI DEPT OF NATURAL RESOURCES
MADISON, WI
DEER HUNTER SURVEY
FOR THE PERIOD 12/01/87 THRU 12/31/88
AWARD # NRH 96158
LAC L&S PSYCHOLOGY | (133-7874) | 1,375.00 |

GIFT-IN-KIND

- | | |
|----|---|
| 1. | JOHN GARDNER
ONALASKA, WI
IBM PERSONAL COMPUTER AND SOFTWARE
LAC BUS AD ACCOUNTANCY |
| 2. | WILLIAM DONNELLY
LACROSSE, WI
COMPUTER HARDWARE AND SOFTWARE
LAC BUS AD ECONOMICS |
| 3. | BURROUGHS CORPORATION
DETROIT, MI
COMPUTER HARDWARE AND SOFTWARE
LAC ACAD S ACAD COMPUTING |
| 4. | LEONARD SCHWARTZ, M.D.
PITTSBURGH, PA
16 SETS OF "HEAVY HANDS"
LAC H,PE&R RECR & PARKS MGT |
| 5. | GILLETTE INDUSTRIES
LACROSSE, WI
20 DOWN-FILLED PARKAS
LAC H,PE&R RECR & PARKS MGT |
| 6. | JOHN CROSS
WINONA, MN
SAILBOAT
LAC STU AF |
| 7. | ERIC SCOTT
LACROSSE, WI
SAILBOAT MAST
LAC STU AF |
| 8. | BALLY FITNESS
IRVINE, CA
5 BALLY EXERCISE BICYCLES
LAC H,PE&R LAC EXERCISE PRG |

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

1. UW LACROSSE FOUNDATION
LACROSSE, WI
INSTALLATION OF ELECTRON MICROSCOPE
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-4
LAC L&S BIOL & MICROBIOL (133-1650) 3,100.00
2. MULTIPLE DONORS
LACROSSE, WI
GRANT FOR PURCHASE OF COMPUTING EQUIPMENT
LAC H & HS NUCL MED T&MED T (133-6503) 2,000.00

LIBRARIES

1. UW LACROSSE FOUNDATION
LACROSSE, WI
PURCHASE OF SOFTWARE AND COMPUTING EQUIPMENT
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-12
LAC ACAD S AUDIOVISUAL SVCS (133-6210) 3,500.00

MISCELLANEOUS

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH AGRIC
USDA MEAL REIMBURSEMENT FOR OCT-DEC, 1987
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
LAC AC DEV CHILD CARE FAC (144-0501) 3,299.00
2. MUCIA/INDIANA UNIVERSITY
BLOOMINGTON, IN
TEACHING ASSIGNMENT IN MALAYSIA
FOR THE PERIOD 10/01/87 THRU 12/31/87
AWARD # 1606-2072
LAC L&S BIOL & MICROBIOL (133-1620) 7,815.00
3. UW LACROSSE FOUNDATION
LACROSSE, WI
SUPPORT FOR STUDENT PARTICIPATION IN COMPUTER
SCIENCE CONTEST
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-14
LAC L&S COMPUTER SCIENCE (133-2520) 800.00
4. MUCIA/INDIANA UNIVERSITY
BLOOMINGTON, IN
TEACHING ASSIGNMENT IN MALAYSIA
FOR THE PERIOD 01/01/88 THRU 07/31/88
AWARD # 1606-2072
LAC L&S HISTORY (133-4925) 38,217.00
5. UW LACROSSE FOUNDATION
LACROSSE, WI
SUPPORT FOR ATHLETIC RECRUITING
FOR THE PERIOD 01/01/88 THRU 12/31/88
AWARD # 1988-6
LAC H,PE&R INTRAMURL SPORTS (133-7010) 3,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

6. UW LACROSSE FOUNDATION LACROSSE, WI GRANT FOR VIDEOTAPE LIBRARY FOR THE PERIOD 01/01/88 THRU 12/31/88 AWARD # 1988-18 LAC AC DEV PLACE&CAREER ADV	(133-9014)	1,000.00
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RESEARCH

1. UW LACROSSE FOUNDATION LACROSSE, WI RESEARCH ON EMPLOYMENT CHARACTERISTICS FOR THE PERIOD 01/01/88 THRU 12/31/88 AWARD # 1988-24 LAC BUS AD ECONOMICS	(133-4517)	400.00
2. MULTIPLE DONORS LACROSSE, WI SUPPORT FOR STEAMBOAT PHOTO COLLECTION FOR THE PERIOD 01/01/88 THRU 12/31/88 LAC ACAD S LIBRARY	(133-5906)	809.00
3. MANITOWOC COUNTY WHITETAILS UNLIMITED MANITOWOC, WI RESEARCH ON DEER HUNTERS FOR THE PERIOD 01/01/88 THRU 12/31/88 LAC L&S PSYCHOLOGY	(133-7837)	500.00
4. WI DEPT OF NATURAL RESOURCES MADISON, WI RESEARCH ON HUNTING ACCIDENTS FOR THE PERIOD 01/01/88 THRU 09/30/88 AWARD # NRH 96470 LAC L&S PSYCHOLOGY	(133-7875)	10,915.00
5. CITY OF MINERAL POINT MINERAL POINT, WI ARCHAEOLOGY SURVEY AT MINERAL POINT FOR THE PERIOD 12/01/87 THRU 06/30/88 LAC L&S SOCIOL & ANTHROP	(133-8819)	1,750.00

TOTAL LACROSSE	106,961.00
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EXTENSION AND PUBLIC SERVICE	29,856.00
INSTRUCTION	5,100.00
LIBRARIES	3,500.00
MISCELLANEOUS	54,131.00
RESEARCH	14,374.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WINNEBAGO COUNTY
OSHKOSH, WI
POSITION PURCHASED FROM THE CENTER FOR CAREER
DEVELOPMENT AND EMPLOYABILITY TRAINING OF
UW-OSHKOSH BY THE WINNEBAGO COUNTY DEPT OF
SOCIAL SERVICES
FOR THE PERIOD 01/01/88 THRU 12/31/88
OSH EDUC INSTRUCTION (133-3371) 29,736.00

INSTRUCTION

1. DHHS PHS NIH
ROCKVILLE, MD
SUPPLEMNT TO BSN DEGREE COMPLETION PROGRAM
RN OUTREACH/RURAL WISCONSIN
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # 5 D10 NU25210-02, MOD. 1
OSH NURS NURS-UNDERGRAD P (144-4465) 16,762.00

PHYSICAL PLANT

1. EDUCATION, DEPT OF
WASHINGTON, DC
ANNUAL INTEREST DUE 06/01/88 RELATIVE TO
CONSTRUCTION OF KOLF SPORTS CENTER
FOR THE PERIOD 03-01-87 THROUGH 03-01-88
AWARD # 5-5-00450-0
OSH UNIT-W FED FUNDING-KOLF (144-4477) 24,038.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
SECOND INCREASE TO PELL GRANT AUTHORIZATION FOR
ACADEMIC YEAR 1987-88
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AWARD # P008802956, MOD. 2
OSH STU A ED OPPOR GRANTS (148-4811) 300,497.00

TOTAL OSHKOSH

371,033.00

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EXTENSION AND PUBLIC SERVICE	29,736.00
INSTRUCTION	16,762.00
PHYSICAL PLANT	24,038.00
STUDENT AID	300,497.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
CALABRIAN COMMUNITIES IN THE AMERICAS
FOR THE PERIOD 02-12-88 THROUGH 01-31-89
AWARD # FY88-7(H)
PKS AC SUP ADMINISTRATION ADMIN (144-AF05) 6,581.00
2. MULTIPLE DONORS
PARKSIDE PRINT WORKSHOP
PKS SC&SOC FINE ARTS ART (133-K826) 1,010.00
3. MULTIPLE DONORS
CENTER FOR SURVEY AND MARKETING RESEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-M131) 1,000.00

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) PARKSIDE LIBRARY-LEARNING CTR -INTEREST SUBSIDY
GRANT
FOR THE PERIOD 08-18-72 THROUGH 04-01-88
AWARD # 5-5-00535-0
PKS UNIT-W DEBT SV AC BLDGS (144-H517) 35,152.00
 - 2) INTEREST SUBSIDY GRANT FOR CLASSROOM PROJECT
FOR THE PERIOD 08-21-73 THROUGH 04-01-88
AWARD # 5-5-00644-0
PKS UNIT-W DEBT SV AC BLDGS (144-K925) 26,344.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
REGIONAL STAFF DEVELOPMENT CENTER
EESA CONSORTIUM
FOR THE PERIOD 12-22-87 THROUGH 08-31-88
AWARD # AGR DTD 02/08/88
PKS G E A CHANCELLORS OFF ADMIN (144-AF28) 7,654.00
2. MULTIPLE DONORS
DEFRAY COST OF PRODUCTION OF EDUCATIONAL FILM
ABOUT PROBLEMS OF MENTALLY RETARDED OFFENDERS
OF THE LAW
PKS ACAD C ACADEMIC CENTERS C ED-LIB S (133-H921) 31.08
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) 4,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

RESEARCH

4. AMERICAN CHEMICAL SOCIETY
PETROLEUM RESEARCH FUND
WASHINGTON, DC
ELECTRONIC ABSORPTION SPECTROSCOPY OF
SELENOFORMALDEHYDE AND SELENOACETALDEHYDE
FOR THE PERIOD 06-01-88 THRU 08-31-90
AWARD # PRF 19723-B4
PKS SC&SOC SCIENCE CHEMISTRY (133-M753) 20,000.00

STUDENT AID

1. UW-PARKSIDE BENEVOLENT FOUNDATION
KENOSHA, WI
LUTRELL, JULIANNA
POLCZYNSKI, JAMES J.--SCHOLARSHIP (PKS)
PKS MOD IN BUS & ADMIN SCI ADMIN (TRUST) 50.00

2. MULTIPLE DONORS
MUSIC SCHOLARSHIPS
PKS BUS SV FELLOWS & SCHOLS (133-C489) 76.00

3. MULTIPLE DONORS
SCHOLARSHIP FOR OUTSTANDING SCIENCE STUDENT
PKS SC&SOC SCIENCE ADMIN (133-F149) 200.00

4. MULTIPLE DONORS
ART SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS (133-G128) 13.00

5. MULTIPLE DONORS
ALUMNI ANNUAL FUND
PKS BUS SV FELLOWS & SCHOLS (133-G893) 800.00

6. MULTIPLE DONORS
PARKSIDE PRINT WORKSHOP SCHOLARSHIP
PKS SC&SOC FINE ARTS ART (133-J970) 150.00

TOTAL PARKSIDE 103,061.08
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MISCELLANEOUS 8,591.00
PHYSICAL PLANT 61,496.00
RESEARCH 31,685.08
STUDENT AID 1,289.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN LEA'S
MADISON, WI
PROVIDE LEA'S WITH EVALUATION DATA ON THEIR
VOCATIONAL EDUCATION PROGRAMS
FOR THE PERIOD 07/01/87 THRU 06/30/88
STO I&TECH CTR FOR VTAE CTR VTAE (133-0371) 18,400.00
 2. SUPPORT FOR SATURDAY ARTS PROGRAM
FOR THE PERIOD 07/01/87 THRU 06/30/88
STO LIB ST ART PROGRAM DIR (133-0468)
 - 50.00 HATTIE MAXWELL'S
MENOMONIE, WI
 - 100.00 THOMPSON ENTERPRISES INC
MENOMONIE, WI
 - 80.00 SMITHERY II JEWELERS
MENOMONIE, WI
 - 100.00 RIVER OAKS CORPORATION
DOWNSVILLE, WI
- 330.00

GIFT-IN-KIND

1. MRM-ELGIN CORPORATION
MENOMONIE, WI
TEFLON PLASTIC PLATE STOCK, 6 PIECES
STO I&TECH MATLS & PROCS'S
2. FORTA CORPORATION
GROVE CITY, PENNSYLVANNIA
CEP COLLATED FIBRILLATED POLYPROPYLENE FIBROUS
REINFORCEMENT TO BE USED IN CONCRETE TESTING
STO I&TECH MATLS & PROCS'S
3. UNION SPECIAL CORPORATION
HUNTLEY, IL
FOUR SLIDE AND TAPE SETS; FOUR BOOKS ON VARIOUS
STITCHING SAMPLES OF VARIOUS STITCHES
STO H ECON APPAREL, TEX&DES
4. DR. RENEE LYNCH
MENOMONIE, WI
"RED GOWN AND HAT"
STO H ECON APPAREL, TEX&DES
5. 3M/STATIC CONTROL SYSTEMS
ST. PAUL, MN
"RENEWAL OF ONE YEAR LEASE STATIC ELIMINATION
EQUIPMENT."
STO I&TECH GRAPHIC COMMUNIC
6. MODERN CONTROLS INC.
MINNEAPOLIS, MN
"COULOUX DETECTOR CELL: REPLACEMENT UNIT FOR THE
OXYGEN TRANSMISSION TEST INSTRUMENT LOCATED IN
THE PACKAGING LABORATORY."
STO I&TECH MATLS & PROCS'S

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

7. MILLIKEN AND COMPANY
SPARTANBURG, SC
" VARIOUS FABRICS, 284 YARDS TOTAL."
STO H ECON APPAREL, TEX&DES
8. AMERICAN APPAREL MANUFACTURER'S ASSOCIATION
ARLINGTON, VA
"SEMINAR FEES WERE WAIVED FOR 11 STUDENTS TO
ATTEND THE TAC BREAKFAST SEMINAR AND THE AAMA
SEMINARS ON SEPTEMBER 16 AND 17, 1987."
STO H ECON APPAREL, TEX&DES
9. SHERRI NELSON
MENOMONIE, WI
" BUCHRAM AND MISCELLANEOUS DRAPERY FABRIC DONATED
FOR APPAREL MANUFACTURING PROJECT."
STO H ECON APPAREL, TEX&DES
10. X-RITE
GRANDVILLE, MI
"X-RITE MODEL 348 REFLECTION DENSITOMETER."
STO I&TECH GRAPHIC COMMUNIC
11. U.S. DEPARTMENT OF ENERGY
ALBUQUERQUE, NM
" USED ENERGY EQUIPMENT: ONE VIDEO BETAMAX SONY
RECORDER, LINE ITEM NUMBER 018, MODEL NO. SLO-320,
REPORT NUMBER 898355-7252."
STO LIB RE INSTR TECH SVC
12. U.S. DEPARTMENT OF ENERGY
ALBUQUERQUE, NM
" ONE, VIDEO CASSETTE, BETA, SONY SLO-323 RECORDER
SERIAL NUMBER 13566, LINE ITEM NO. 021, REPORT
NUMBER 898355-7281."
STO LIB RE INSTR TECH SVC

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
MINORITY COORDINATING COUNSELOR WORKSHOP
FOR THE PERIOD 04/01/87 THRU 08/01/87
AWARD # 7137-1-A-87, MOD. 1
STO G E A STU AFF & COUNSL ETHNIC PRG (133-0752) 142.15

RESEARCH

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
INFLUENCE OF IMAGE ON TOURISM DEVELOPMENT
FOR THE PERIOD 10/01/87 THRU 05/31/88
AWARD # 2188-1-A-88
STO H ECON HABITATNL RESRCS (133-0454) 5,551.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
SUPPLEMENTAL FUNDS TO INITIATE, IMPROVE OR
EXPAND A PROGRAM OF COOPERATIVE EDUCATION
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
AWARD # Q00-87-24-01028
STO G E A STU AFF & COUNSL PLACEMENT (144-0411) 18,703.00

TOTAL STOUT 43,126.15
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EXTENSION AND PUBLIC SERVICE	18,730.00
MISCELLANEOUS	142.15
RESEARCH	5,551.00
STUDENT AID	18,703.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

1. BATTELLE MEMORIAL RESEARCH LABORATORY
COLUMBUS, OH
PRIME CONTRACTOR WITH EPA
SUPPORT FOR DEVELOPMENT OF WATER QUALITY CRITERIA
AND STANDARDS TASK ORDER NO. 6
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
AWARD # F-4114 (8834)-411
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0376) 17,200.00
 2. FORD FOUNDATION
NEW YORK, NY
WORKSHOP ON ADMINISTRATIVE JUSTICE IN AFRICA
FOR THE PERIOD 06/01/86 THUR 11/13/87
AWARD # 865-0489
SUP HUM&SS SOCIAL WORK (133-0375) 50,000.00
 3. METROPOLITAN MOSQUITO CONTROL DISTRICT
ST PAUL, MN
NON-TARGET ECOLOGICAL FIELD STUDIES WITH
AQUATIC ORGANISMS
FOR THE PERIOD 05/01/87 THRU 03/03/88
SUP U RES CTR-L SUP ENV ST REIMB EXT (133-0377) 1,087.90
- TOTAL SUPERIOR 68,287.90
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- RESEARCH 68,287.90

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

STUDENT AID

1. CONNOR, MR. & MRS. JAMES	
WHITEWATER, WI	
CONNOR, CHANCELLOR AND MRS. JAMES R. SCHOLARSHIP	
FUND (WTW)	
WTW G E A CHANCELLORS OFF CHANCS OFF (TRUST)	100.00
TOTAL WHITEWATER	100.00
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STUDENT AID	100.00
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GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. FAYE FLESIA & BLAKE MCNULTY
WAUKESHA, WI
MRS KAYE MILLER
OCONOMOWOC, WI
THE BLACK LISTED NEWS: SECRET HISTORIES FROM
CHICAGO TO 1984: SCHOOLHOUSE
CNS WAUK LIBRARY ADMIN
2. JOHN MUENDEL
WALTER SADLER
KATE THATER
WAUKESHA, WI
INFOWORLD (19 ISSUES): THE IMPUTER (1 ISSUE):
THE BEET QUEEN
CNS WAUK LIBRARY ADMIN
3. FRIENDS & ALUMNI FOUNDATION
WAUKESHA, WI
NIGHT OF THE SUN, 16MM. FILM, EVIDENCE OF THE ICE
AGE, 16MM. FILM, RIVERS: THE WORK OF RUNNING WATER
16MM. FILM.
CNS WAUK GEOGRAPHY
4. MR. RON DEVRIES
MILWAUKEE, WI
MICROFICHE READER
CNS WAUK LIBRARY ADMIN
5. MARY ELLEN YOUNG
MRS. KATE THATER
WAUKESHA, WI
IN A BRILLANT LIGHT: VAN GOGH IN ARLES (VIDEOTAPE)
AMERICANS ON THE ROAD, ANATOMY OF THE HORSE,
CONCERNING THE SPIRITUAL IN ART, VOYAGE INTO
SUBSTANCE. COME SUNRISE.
CNS WAUK LIBRARY ADMIN
6. MARY ELLEN YOUNG
WAUKESHA, WI
BRITISH LANDSCAPE WATERCOLOURS 1600-1860, BRITISH
SPORTING PAINTING SIR EDWIN LANSE, SPORT AND THE
COUNTRYSIDE IN ENGLISH PAINTINGS, WATERCOLOURS,
AND PRINTS.
CNS WAUK LIBRARY ADMIN
7. MARY ELLEN YOUNG
WAUKESHA, WI
AMERICAN GARDENS IN THE 18TH CENTURY, THE
ESSENTIAL GILBERT WHITE OF SELBORNE, SONGS OF
EXPERIENCE.
CNS WAUK LIBRARY ADMIN
8. ANONYMOUS DONOR
BOOK ENTITLED: THREE PLAYS: OUR TOWN; THE SKIN OF
OUR TEETH; THE MATCHMAKER THEATRE.
CNS WAUK LIBRARY ADMIN

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

9. MR. JOHN C. BOUSMAN
WAUKESHA, WI
2433 LBS. BOLTS, NUTS, AND WASHERS; 4 SECTIONS OF
STEEL SHELVES AND CONTAINERS: 3880 LBS. STEEL
ANGLE IRON, SQUARE TUBING AND BEAMS; 1 GREASE
DISPENSER, MOTORIZED STEEL CUT OFF MACHINE;
HYDRAULIC PALLET MOVER.
CNS WAUK PHYSICAL PLANT
10. PHYLLIS SEIBERT
KATE THATER
MARY ELLEN YOUNG
WAUKESHA, WI
WAR AND REMEMBRANCE; THE MISTS OF MILWOOD
CNS WAUK LIBRARY ADMIN
11. MS. BIGANESS LIVINGSTONE
MENASHA, WI
BOOKS: THE YEAR OF THE HOPI, ICON PAINTING,
MOTHERWELL, RECONCILIATION ELEGY
CNS FOX VA LIBRARY ADMIN
12. DR. DAN PUTMAN
MENASHA, WI
THE 1978, '79, '81, '82, ANNUAL WORLD'S BEST SF,
THE STRANGER, THE NEBULA AWARD STORIES NINE, STAR-
SHIPS, BERSERKER: BLUE DEATH, FLYING SAUCERS,
FALLING WOMAN, ACROSS THE SEA.
CNS FOX VA LIBRARY ADMIN
13. MR. GENE GIBAS
APPLETON, WI
BOOKS: FREEDOM, WORDPERFECT LESSONS-A CLASSROOM
WORKBOOK.
CNS FOX VA LIBRARY ADMIN
14. GUARDIAN LIFE INSURANCE CO.
APPLETON, WI
THE GUARDIAN LIFE INSURANCE COMPANY, 1860-1920.
CNS FOX VA LIBRARY ADMIN
15. GILBERT PAPER
MENASHA, WI
PAPER WITH PRESENCE, A GILBERT CENTURY
CNS FOX VA LIBRARY ADMIN
16. DR. LARRY WHITE
MENASHA, WI
CONGRESS AND ITS MEMBERS
CNS FOX VA LIBRARY ADMIN
17. DEAN ROBERT YOUNG
APPLETON, WI
MARIO BELLINI: DESIGNER, IMPRESSIONIST & POST-
IMPRESSIONISTS MASTERPIECES; THE COURTAULD
COLLECTION, LET US NOW PRAISE FAMOUS WOMEN.
CNS FOX VA LIBRARY ADMIN

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

1. MULTIPLE DONORS
UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS
CNS MARSH STUDENT AFFAIRS LECT & F A (133-L040) 625.00
2. READER'S DIGEST FOUNDATION, INC.
PLEASANTVILLE, NY
LAIRD FINE ARTS FUND
CNS MARSH COMMUNICATN ARTS (133-L337) 2,000.00
3. MULTIPLE DONORS
DRAMA DONOR FUND
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410) 100.00
4. WAITKUS (PHILLIP AND AUDREY)
SHEBOYGAN, WI
THEATRE SUPPLIES
CNS SHEBOY STUDENT AFFAIRS DRAMA PROD (133-M680) 150.00
5. MANITOWOC COUNTY DEPARTMENT OF SOCIAL SERVICES
MANITOWOC, WI
CHILD CARE START-UP FUNDS
CNS MANIT STUDENT AFFAIRS DAY CARE (133-M720) 5,000.00

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 \$2,613,637.00
AWARD # PO08802949, MOD. 2
CNS (148-R088) 430,639.00

TOTAL CENTER SYSTEM 438,514.00
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MISCELLANEOUS 7,875.00
STUDENT AID 430,639.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. WI EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NSF
INTERACTIONS SERIES
FOR THE PERIOD 01-01-88 THROUGH 09-30-89
AWARD # AGR DTD 03-14-88
EXT TELCOM WHA TELEVISION (144-AF22) 300,000.00

2. PROGRAM UNDERWRITING FOR FY 88
EXT TELCOM WHA TELEVISION (133-L435)

750.00	WISCONSIN ARTISAN GALLERY	
	BELLEVILLE, WI	
1,000.00	KEN KOPP'S FINE FOODS	
	MADISON, WI	
2,000.00	LESLIE PAPER FOUNDATION	
	MINNEAPOLIS, MN	
3,000.00	CLARKLIFT OF WISCONSIN	
	MADISON, WI	
3,500.00	HEMISPHERIC TRAVEL, INC.	
	MADISON, WI	
1,000.00	WARD-BRODT MUSIC	
	MADISON, WI	
600.00	ORIENTAL SPECIALTIES	
	MADISON, WI	
3,400.00	OSHKOSH B'GOSH	
	MADISON, WI	
		15,250.00

3. WISCONSIN PUBLIC RADIO ASSOCIATION
MADISON, WI
WPAA STAFF SUPPORT FY 88
EXT TELCOM WHA RADIO (133-L855) 116.34

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE (EXT)
EXT GEA SV W HUMANITIES COM (TRUST)

250.00	UW-LA CROSSE FOUNDATION	
	LA CROSSE, WI	
637.00	UW-LA CROSSE FOUNDATION, INC.	
	LA CROSSE, WI	
3,665.00	MULTIPLE DONORS	
	MADISON, WI	
	WISCONSIN HUMANITIES COMMITTEE	
		4,552.00

2. EPSILON SIGMA PHI
MADISON, WI
ALPHA SIGMA CHAPTER
ALPHA SIGMA-ESP GRANT FUND (EXT)
EXT G E A CHANCELLOR (TRUST) 25.00

TOTAL EXTENSION 319,943.34

EXTENSION AND PUBLIC SERVICE	315,366.34
MISCELLANEOUS	4,577.00

GIFTS, GRANTS AND CONTRACTS
APRIL 8, 1988

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

GIFT-IN-KIND

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SECURITY SYSTEM FOR THE BRITTINGHAM HOUSE
SA PRES

MISCELLANEOUS

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

APRIL 8, 1988
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 02-20-88 THROUGH 03-18-88

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY.	PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	354	-0-	-0-	-0-	-0-	-0-	354
CENTER SYSTEM	-0-	-0-	-0-	7,875	-0-	-0-	430,639	-0-	-0-	438,514
EAU CLAIRE	-0-	109,783	-0-	-0-	-0-	49,264	-0-	-0-	-0-	159,047
EXTENSION	315,366	-0-	-0-	4,577	-0-	-0-	-0-	-0-	-0-	319,943
GREEN BAY	-0-	-0-	-0-	4,032	85,083	10,750	(187)	-0-	-0-	99,678
LA CROSSE	29,856	5,100	3,500	54,131	-0-	14,374	-0-	-0-	-0-	106,961
MADISON	85,500	572,959	32,459	662,592	26,626	25,765,449	520,415	51,314	-0-	27,717,315
MILWAUKEE	-0-	53,208	-0-	8,692	82,580	307,846	7,236	-0-	-0-	459,561
OSHKOSH	29,736	16,762	-0-	-0-	24,038	-0-	300,497	-0-	-0-	371,033
PARKSIDE	-0-	-0-	-0-	8,591	61,496	31,685	1,289	-0-	-0-	103,061
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	18,730	-0-	-0-	142	-0-	5,551	18,703	-0-	-0-	43,126
SUPERIOR	-0-	-0-	-0-	-0-	-0-	68,288	-0-	-0-	-0-	68,288
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	100	-0-	-0-	100
 TOTAL APR 1988	 479,188	 757,812	 35,959	 750,986	 279,823	 26,253,207	 1,278,692	 51,314	 29,886,982	
PREVIOUSLY REPORTED	7,885,982	13,380,844	573,772	12,539,260	1,281,882	146,056,201	51,467,914	140,728	233,326,583	
GRAND TOTAL	8,365,170	14,138,656	609,731	13,290,246	1,561,705	172,309,408	52,746,607	192,042	263,213,565	
 TOTAL APR 1987	 275,675	 3,058,809	 2,488	 1,234,449	 27,444	 23,630,153	 2,859,006	 400	 31,088,424	
PREVIOUSLY REPORTED	9,303,423	12,211,133	722,928	8,562,560	1,749,912	137,482,910	48,976,232	163,648	219,172,746	
GRAND TOTAL	9,579,098	15,269,942	725,416	9,797,009	1,777,356	161,113,063	51,835,238	164,048	250,261,170	
 FEDERAL TOTAL APR 1988	 326,511	 749,477	 -0-	 127,588	 279,823	 23,200,251	 1,139,873	 -0-	 25,823,523	
PREVIOUSLY REPORTED	3,531,133	11,648,207	-0-	2,701,296	1,089,881	100,602,699	47,843,584	-0-	167,416,800	
FEDERAL GRAND TOTAL	3,857,644	12,397,684	-0-	2,828,884	1,369,704	123,802,950	48,983,457	-0-	193,240,323	
 FEDERAL TOTAL APR 1987	 26,306	 2,543,173	 -0-	 394,347	 27,444	 16,993,948	 2,549,701	 -0-	 22,534,918	
PREVIOUSLY REPORTED	4,301,742	9,078,964	108,950	2,132,206	1,107,948	101,121,879	45,757,231	-0-	163,608,920	
FEDERAL GRAND TOTAL	4,328,048	11,622,137	108,950	2,526,553	1,135,392	118,115,827	48,306,932	-0-	186,143,838	

4/8/88

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

A. UW-MADISON

1. 1985-87 Primate Research Center Annex
Remodeling (8604-06)

Change Order No. G-2

\$ 37,429.00

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Hazardous Waste - Permit to DNR for

- A. A Certification executed by the UW-Madison Vice Chancellor for Administration has been submitted to the Department of Natural Resources as part of the application for the permanent hazardous waste license for operation of the university's Herrick Drive Storage Building. ~~Prior to DNR assumption of authority for~~ regulating hazardous waste facilities in the state, a final operating license had been granted by the Environmental Protection Agency. Since that time, the Herrick Drive facility has been operating under an interim license from the DNR pending review and approval of the feasibility and plan of operation reports. DNR approved those reports on January 28, 1988 and will issue the operating license upon receipt of the subject application. The license is valid for ten years, subject to payment of a biennial licensing fee. It was reported to the Board in September 1987 that the application for the interim license had been submitted.

X ref DNR (some)

Monpus. Item A

UW-Stevens Point - Bldg. Land - Relocation to Nelson Hall of space leased at St. Stanislaus Parish, Monpus. Item B

- B. The State Leasing Officer has been advised that UW-Stevens Point will not be exercising the renewal option on the space being leased at 824 Fremont Street, Stevens Point (St. Stanislaus Parish). A total of 4,625 square feet of space is being leased through June 30, 1988 at an annual cost of \$15,000 to house the university's foreign student program. All occupants will be relocated to Nelson Hall.

- C. On signature of the UW-Madison Vice Chancellor for Administration the following leases of university-owned space have been executed:

Family Practice Clinic - Lease of space for

1. Michael H. McDonald, M.D., S.C., Lessee
Northeast Family Practice Center, Monpus. Item C.1.
3209 Dryden Drive, Madison

1,433 square feet of clinic space and common areas
Lease term: February 1, 1988 through January 31, 1991
Annual rental, years 1, 2, 3: \$15,763
Renewal options: Two successive one-year options

Apparitional Farms - Lease of space for

2. Bryan Bowen, Lessee
Route 1, Box 115
Hancock, WI 54943

Hancock Agricultural Research Station Residence (Bldg. #345)
Lease term: February 1, 1988 through June 30, 1988
Rental rate: \$166 per month (excluding utilities), determined in accordance with the rate methodology established by the Joint Committee on Finance.

3. Howard Kirchner, Lessee
S8820A Highway 78
Prairie du Sac, WI 53578

→ and

USDA Dairy Forage Center Residence #2

→ Nonpers. Items C, 2, & 3.

Lease term: February 1, 1988 through June 30, 1988

Rental rate: \$185 per month (excluding utilities), determined in accordance with the rate methodology established by the Joint Committee on Finance.

Hospital - Lease of space at 2709 Marshall Court for

X ref Bldg & Land - (same)

- D. On signature of the Vice President for Physical Planning and Development, the UW-Madison's UW Hospital and Clinic's Ultrasound and Radiology Technology program, lease at 2709 Marshall Court has been amended.

X ref Marshall Court, 2709 - Lease of space for Ultrasound & Radiology Technology program, Nonpers. Item D

400 square feet of space has been added (total: 1,434)

New monthly rent: \$1,362.84 (increase: \$355)

Amendment also includes provision for lessee to pay lessor an amount not to exceed \$6,640 for construction and remodeling of the space for an "x-ray room" and related equipment.

UW-Superior -

sale of steam agreement to Indianhead VTAE District, Nonpers. Item E

- E. On signature of the Vice President for Physical Planning and Development, the agreement between UW-Superior and the Wisconsin Indianhead VTAE District for sale of steam to the District has been renewed for a three year period from date of signature (February 2, 1988)

UW-Milwaukee - Bldg & Land - Court behind Mitchell Hall

- F. On the recommendation of the UW-Milwaukee Chancellor and the University's Physical Environment Committee, the court behind Mitchell Hall has been named in honor of Edward Steichen, "one of the most important figures in the history of photography." Residing in Milwaukee from age 10 to 20, he then left for New York and Europe. By age 30, his reputation as a photographer was firmly established on both continents. Mr. Steichen helped organize the Milwaukee Art Students League and was elected its first President. The League became the Wisconsin School of Art and joined the Milwaukee State Normal School in 1909. The department was originally housed in the North Wing of the Normal School, in what is now known as Mitchell Hall. It is presently known at the Art Department of the University of Wisconsin-Milwaukee and part of the department still occupies this space in the North Wing of Mitchell Hall. The Fine Arts Court which is bounded by Mitchell Hall on the east, the Fine Arts Recital Hall on the north, and the Fine Arts Building on the west was considered by the Physical Environment Committee to be a most appropriate space to honor this international figure.

Naming of Bldg. - (same, but add "at UW-Milwaukee")

Athletics - Agreement for Green Bay Packers football game at Camp Randall 8/27/88, Nonpers. Item G

- G. On signature of the UW-Madison Vice Chancellor for Administration, an agreement has been executed between the Board and the Green Bay Packers providing for an exhibition football game between the Packers and the New York Jets to be held August 27, 1988 in Camp Randall Stadium. Under terms of the agreement, the Division of Intercollegiate Athletics will guarantee each team the larger of the sum of \$225,000 or one-third of the game's paid gate receipts less state sales tax where applicable and expenses of necessary game officials.

X ref Camp Randall Stadium

-(same)

H. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
David Bordwell, Donald Crafton, Vance Kepley and Kristin Thompson (the Editors)	Wisconsin Studies in Film
Gordon Denboer	Volume IV, Documentary History of the First Federal Elections, 1788-1790
Alan Dundes	"Little Red Riding Hood: A Folklore Casebook"
Robert D. Holsworth	"Let Your Life Speak: Politics, Religion, and Antinuclear Activism"
David Kertzer and Dennis Hogan	The Transformation of Nineteenth- Century Italy: Social Dimensions of Demographic Change
Michael J. Kiskis	"Mark Twain's Autobiography: <u>A Classroom Edition</u> "
Lois M. Stalvey	THE EDUCATION of A W.A.S.P. (Reprint, originally published by Morrow, 1970)
Lisa Zeidner	POCKET SUNDIAL

IV. REPORT OF ACTIONS TAKEN BY THE DEPARTMENT OF ADMINISTRATION/DIVISION
OF STATE FACILITIES MANAGEMENT ON SMALL PROJECTS AFFECTING THE
UNIVERSITY OF WISCONSIN SYSTEM

MARCH 1988

UNIVERSITY	PROJECT	ACTION
1. UW-EXTENSION:	Requested authority to plan, bid, and construct a 1987-89 Small Handicapped Access Improvements project, for UW-Extension, in Madison, for an estimated total project cost of \$15,000 of previously released Building Trust Funds (13 December 1984).	APPROVED.
2. UW-GREEN BAY:	Requested authority to plan, bid, and construct a 1987-89 Tennis Courts Resurfacing project, for an estimated total project cost of \$54,000 of 1987-89 General Fund Supported Borrowing - Maintenance Program funds.	APPROVED.
3. UW-LA CROSSE:	Requested authority to plan, bid, and construct a 1987-89 Cowley Science Hall Cooling Tower System Replacement project, for an estimated total project cost of \$15,600 of 1987-89 General Fund Supported Borrowing - Maintenance Program funds.	APPROVED.
4. UW-MADISON:	Requested authority to plan, bid, and construct a 1987-89 Langdon Street Steam Tunnel Cleanup project, for an estimated total project cost of \$37,000 of 1987-89 General Fund Supported Borrowing - Health, Safety and Environment Program funds.	APPROVED. (22 February 1988)