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

Madison, Wisconsin

April 6, 1990

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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 6, 1990
9:00 a.m.

- President Schilling presiding -

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

ABSENT: Regents Dreyfus, Gundersen, and Vattendahl

Approval of the Minutes

Upon motion by Regent Weinstein, seconded by Regent Vos, the minutes of
the March 9, 1990, meeting of the Board of Regents were approved as
distributed.

REPORT OF THE PRESIDENT OF THE BOARD

X
Athletics → Presentation of NCAA Championship Hockey Trophies, pp 1-2

Chancellor Shalala introduced a special presentation in honor of the
NCAA Championship won the preceding weekend by the UW-Madison hockey team.

Athletic Director Pat Richter congratulated Hockey Coach Jeff Sauer,
his coaches, and the team as great representatives of the University both in
athletics and off the field.

(Xref) UW Stevens Point - (same)

Coach Sauer recognized Assistant Coach Mike Kemp for recruiting many of the athletes on the championship team. Coach Kemp noted that the players came from various parts of the country and Canada, as well as from Wisconsin.

The display of trophies won by the UW-Madison hockey team consisted of the Broadmoor Cup, which is the playoff championship trophy; the Pettit Cup, which was awarded for winning the tournament at the Bradley Center in Milwaukee; the NCAA Championship trophy; and the MacNaughton Cup, which is the traveling championship trophy.

Chancellor Shalala stated that Mr. Sauer is a first-quality coach who recruited an outstanding group of student athletes. The whole State of Wisconsin, she commented, should be proud of each one of them and of their extraordinary coach.

UW-Stevens Point, which had won the NCAA Division III National Hockey Championship, was recognized by Coach Sauer.

Regent President Schilling called on Chancellor Sanders, who commented that the Division III Championship meant a great deal to UW-Stevens Point and to all of central Wisconsin. The University was very proud of what the athletes and coaches had accomplished. Extending congratulations to UW-Madison on its great victory, Chancellor Sanders remarked that this may be the first time in the history of the NCAA that both division championships resided in the same state in the same year.

Hospital - Council of Trustees

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

Regent Flores, Chair of the Council of Trustees, reported on the previous day's meeting, noting that the Council first welcomed back Regent Weinstein, a member of the Council who recently underwent successful heart surgery at the UW hospital. Regent Weinstein shared his impressions of the hospital as a complex, well-managed institution and praised the high degree of professionalism and concern displayed by all staff involved in his care.

Reporting on patient activity, Superintendent Derzon advised the Council that March was a favorable month for inpatient volume, but that outpatient volume remained constant, which was a less encouraging trend. It is expected that the hospital will end the year in a better-than-anticipated financial position, primarily due to favorable occupancy and also to the fact that projected cuts in Medicare reimbursement had been less than expected.

Weinstein, Lawrence - Report to Council of Trustees on hospital care personally received, pp 2-3

The Council decided to establish a three-member committee to evaluate the performance of the hospital superintendent and to conduct a self-evaluation of the Council.

Associate Superintendent Eileen Smith presented a report on the hospital's risk management program, which is responsible for liability issues as well as claims management and prevention. In accordance with new joint commission standards, risk management reports will be presented to the Council twice annually.

The Council approved the hospital's application for licensure as a home health agency, which is required in order for the hospital to provide skilled nursing care to patients in the home setting following discharge.

Vice Chancellor Noren reported to the Council on the UW System draft policy on "Funding Sources for University Facilities," which was being reviewed at this meeting by the Regents. Council members shared Dr. Noren's concern that funding splits prescribed in the proposed policy would present a serious problem for building projects within the health sciences. It was suggested that the policy allow use of all appropriate funds for the Center's construction, including GPR sources, since essentially all parts of the facility, including patient care areas, support teaching, research, and patient care functions. The Council agreed that segregated fee funding is not appropriate for the Clinical Science Center.

The Council also reviewed a quality assurance report and a preliminary draft of the hospital's long-range plan, which Council members agreed should be studied in greater depth at a special meeting convened for that purpose. Vice Chancellor Noren stated that the long-range plan will become a component of the overall report of the Policy, Management and Planning Committee appointed by Chancellor Shalala last April.

ECB - Report by Regent Clusen on television & radio programming plans, pp 3-4

Report on the Wisconsin Educational Communications Board

Regent Clusen, Chair of the Educational Communications Board, reported on the Board's March 15 and 16 meetings.

Clusen, Regent Ruth - (same)

In the area of public radio, a number of UW System stations are cooperating with the ECB to provide statewide public radio services under the title of Wisconsin Public Radio. WHA in Madison, which is operated by UW-Extension, provides programming for three different kinds of network services--music, talk, and a mixed service. At present, UW System stations at Green Bay, Stevens Point, Eau Claire, Milwaukee and River Falls participate. The ECB was particularly pleased that later this year KUWS in Superior will join this group.

Beginning this fall, the radio services will be realigned and the mixed service system will be dropped. The reasoning behind this move is that, with UW System stations added to those already licensed to the ECB, it will be possible to provide both the music and talk programming in each of the areas of the state reached by public radio service.

In the area of television, additional cooperative activities between the UW System and the ECB provide statewide public television service under the concept of Wisconsin Public Television. Program production and scheduling, promotion and fundraising are now accomplished jointly, resulting in considerable economy of resources and personnel with no loss of service to viewers.

The Legislative Audit Bureau had informed the ECB and UW System that it plans to conduct a program audit of the working relationship between the ECB

and UW System, to assist the Legislature in understanding the long-term implications of various organizational changes that have occurred over the past several years.

Reporting on the development of Instructional Television Fixed Service facilities, Regent Clusen advised that when the second phase is completed, there will be more than 20 of these installations around the state. They are used by K-12 schools, VTAE institutions, and UW System institutions to provide instruction and training.

The UW System was applying for matching federal grants to improve broadcasting facilities and to replace aging capital equipment. One application was for funding to install new equipment at WGBW in Green Bay to double its coverage area. Another was for WHA-TV studio equipment to replace items which were at least ten years past their normal life expectancy. The ECB had submitted a request for funds to construct ITFS facilities in northwest Wisconsin to serve K-12 school districts, UW Center-Rice Lake and local business and industry.

VTAE ->

Report of the President of the State VTAE Board *on legislation to eliminate interdistrict tuition, setting of lowest tuition rate & problems of financial aid,*
Highlighting items from his written report, Regent DeLong, President of the State Board of Vocational, Technical and Adult Education, reported that legislation had been passed to eliminate interdistrict tuition. After the VTAE System's establishment, he noted, this important step finally had been taken toward having a statewide system rather than a district system. *p. 4*

Reporting on the VTAE Board's annual tuition-setting determination, Regent DeLong noted the statutory requirement that tuition cover a percentage of the cost-per-credit. As costs rose, tuition also had risen rapidly. While tuition at the UW Centers had stayed constant for the last two years, VTAE tuition had increased dramatically. Tuition for the next year was set at the lowest rate increase in more than ten years.

While financial aid programs are available to VTAE students, many are unable to qualify because they have jobs and are attending school part-time. The high cost of tuition, plus providing for their families, makes it increasingly difficult for students to attend VTAE institutions. The VTAE Board hoped to address that problem in the next year.

AGB ->

Report on the Association of Governing Board's Annual Meeting *by Regent Vos, p. 4*

A written report was provided by Regent Vos, who had represented the Board of Regents at this conference in March.

Vos Regent Report - Report on March AGB meeting, p. 4

Legislative Update *& congratulations to System & Board, pp 4-5*

Regent President Schilling noted that a written report had been provided by Vice President Bornstein.

Regent Weinstein congratulated President Shaw, Vice President Bornstein and staff for successfully promoting legislation to grant the Board of Regents additional flexibility in setting executive salaries. The hope was that the Governor would not veto the provision.

Regent President Schilling expressed appreciation to the Regents who had visited with the Governor and legislators to urge support for the proposal—Regents Davis, Gelatt and Nicholas had made a special effort by meeting with the Governor and speaking at length on the issue. All who had an opportunity stressed that it is an important Regent initiative.

X
Regent - Committees

Report of the Special Regent Committee on the UW-Eau Claire Student Governance Appeal, R 5451, pp 5-7

Regent Flores, Chair of the Special Regent Committee, presented the Committee's report.

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

Ms. Anne Welch, President of the UW-Eau Claire student body, sought to appeal the decision of President Shaw sustaining Chancellor Schnack's decision to remove cigarette vending machines from UW-Eau Claire's residence halls and student center. The appeal, which was brought under Regent Policy Document 86-4, Guidelines for Student Governance, contended that the decision was made in violation of s. 36.09(5), Wis. Stats.

X
Regent Committee - Special Regent Committee on UW-Eau Claire Student Governance Appeal

At the March 1990 meeting of the Board of Regents, President Schilling referred the appeal to a Special Regent Committee consisting of Regents Flores (Chair), Clusen and Gelatt, with Regent President Schilling and Regent Vice President Lyon as ex-officio members.

X
(ref)

Granting of request for appeal, R 5451, pp 5-7
Under the Guidelines, review of this appeal is discretionary with the Board; therefore, the Committee was asked first to make a recommendation to the Board as to whether the merits of the dispute should be considered.

At the March meeting of the Board, President Schilling also proposed an amendment to the Regent Bylaws, which would create a standing committee of the Board to review student discipline and governance appeals. In the case of discretionary appeals, the amendment established criteria for deciding when a review should be granted.

Although the amendment had not yet been adopted by the Board, the Committee felt that the criteria proposed for discretionary reviews provided a useful framework for consideration of the UW-Eau Claire petition. Thus, the Special Regent Committee considered two factors in determining whether to recommend to the Board that this matter be reviewed on its merits: (1) whether there is a serious concern that the Chancellor or the President has abused his discretion or exceeded his authority; or (2) whether the decision of the Chancellor or the President could have systemwide implications.

Ms. Welch, President Shaw, and Chancellor Schnack each were given an opportunity to submit written materials concerning whether either or both of these criteria were satisfied in the context of this case.

The Committee met by telephone conference on April 2 with the parties or their representatives in attendance. Ms. Welch and President Shaw both urged that the Board consider the merits of this case on the grounds that the decision of the President sustaining the action of the Chancellor could have systemwide implications. Ms. Welch also argued that there was a serious concern that the Chancellor or the President had abused his discretion or exceeded his authority.

Having reviewed the written materials of the parties and considered oral statements offered during the telephone conference on April 2, it was the unanimous recommendation of the Special Regent Committee that the Board exercise its discretion to hear the merits of this case, on the basis that the decision could have systemwide implications.

Because only one of the two criteria needs to be satisfied to justify a review, the Committee did not reach the question of whether there was a concern that the Chancellor or the President abused his discretion or exceeded his authority.

The crux of this case involved an interpretation of s. 39.06(5) of the statutes, which provides that "students shall have the primary responsibility for the formulation and review of policies concerning student life, services, and interests."

In essence, the students argued that the Chancellor's action of removing cigarette vending machines, sustained by President Shaw, deprived them of their primary responsibility as they defined it under s.36.09(5). It was their contention that "primary responsibility" gave the students authority, in effect, either to legislate or veto institutional policies. President Shaw disagreed with that interpretation. He held that "primary responsibility" means that students be given the opportunity for meaningful participation in a decision-making process, not that they be allowed to dictate the outcome.

The parties argued, and the Committee agreed, that the President's interpretation of the students' primary responsibility could have systemwide implications, in that the statute is applicable to all institutions in the System. How primary responsibility is interpreted here would provide useful guidance in other cases involving the role of students under s. 36.09(5) and could help assure consistent application of the statute throughout the System. For those reasons, the Committee recommended that the Board grant review of the matter on its merits.

If the Board agreed, the students had asked for an expedited review, because the current student government administration was soon to leave office; and if the matter were deferred, the timing might interfere with student preparation for final exams.

To accommodate the students' request, the Committee was prepared to provide a hearing immediately following this Board meeting.

Adoption by the Board of Regents of the following resolution was moved by Regent Flores and seconded by Regent Weinstein:

Resolution 5451: That the Board of Regents adopt the recommendation of the Special Regent Committee on the UW-Eau Claire Student Governance Appeal to grant the request of Anne Welch, as President of the UW-Eau Claire Student Body, for review of the decision by President Shaw, which sustained Chancellor Schnack's decision to remove cigarette vending machines from UW-Eau Claire's residence halls and student center.

In response to a question by Regent Davis, Regent President Schilling explained that failure to pass the resolution would mean denial of the appeal.

Regent Weinstein stated that he seconded the motion because he considered it important to give appellants full due process without unduly encumbering the Board and also because he agreed that the case had systemwide implications.

Put to the vote, the resolution was adopted unanimously.

Regent - Bylaws - Amendment to Bylaws creating Regent Committee on Student Discipline + Student Governance appeals, R 5452, pp 7-10, EX. A

Amendment to Board of Regents Bylaws

Regent President Schilling presented proposed amendments to the Board Bylaws, which would create a standing Regent Committee on Student Discipline and Student Governance Appeals. The amendments were presented initially at the March meeting and were returned to the agenda for further consideration and action at this meeting.

(ref) Regent - Committees - (same)

The proposed amendments would specify the duties of the new Committee in mandatory and discretionary reviews of student discipline and student governance appeals. In cases of discretionary review, criteria would be established for determining whether requests for review should be granted.

These were the criteria used by the Special Regent Committee in making its recommendation that a review be granted in the case of the UW-Eau Claire student governance appeal.

The new Committee would consider appeals submitted pursuant to the Regent-adopted Student Governance Guidelines and would make recommendations to the Board as to the disposition of such appeals.

The Committee also would have responsibility for student discipline appeals submitted under Chapters UWS 14 and 17 of the Wisconsin Administrative Code--student academic, and nonacademic disciplinary procedures.

For the past year, the Personnel Matters Review Committee, chaired by Regent Nikolay, also had functioned as the Committee on Student Discipline. The revised Committee structure would consolidate appeals on both student discipline and governance cases within one Committee. The Personnel Matters Review Committee would continue to have responsibility for faculty and staff appeals.

The draft amendments included wording to make clear the distinction between the duties of the two Committees, as had been suggested by Regent Weinstein.

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

Resolution 5452: That the Bylaws of the Board of Regents be amended as set forth in the attached document.

(The amended Bylaws are attached as EXHIBIT A.)

Regent Weinstein commended Regent President Schilling on the clarity and precision of the revised draft.

Noting that another section of the Bylaws calls for a reading of the minutes, Regent Davis suggested amending that section to provide for a review of the minutes.

Regent President Schilling agreed that this and other corrections should be brought for action at a future meeting.

Speaking on behalf of United Council, Robb McGinnis stated that students supported creation of the new Committee. However, United Council was concerned that the criteria for determining whether a review should be granted were too limiting, and there might be a tendency to attempt artificially to match cases to one or the other of the criteria. In addition, there was concern that students would be reluctant to accuse a Chancellor of abusing discretion or exceeding authority. Instead, Mr. McGinnis suggested that the Committee use its expertise to determine whether a complaint is frivolous or whether the students deserve to be heard, on a case-by-case basis.

Anne Welch, President of the UW-Eau Claire student body, stated her belief that the criteria would not cover the entire spectrum of possible appeals. For example, they did not state that an appeal could be made for violation of an institutional governance structure. Such a violation, she noted, might be done by some official other than the Chancellor. She also was concerned about legal requirements as to what may be included in the record, particularly since students are prohibited from hiring lawyers with student fees. Finally, she agreed with Mr. McGinnis that there would be a tendency to "mix and match" criteria to appeals, whether or not they were specific to the case.

Regent Weinstein commented that the criteria specifying systemwide implications provides the widest possible entre to the appeal process.

Mr. McGinnis felt there would be some institution-specific decisions which would not meet the criteria but which the students would want reviewed because of their belief that the wrong decision was made.

- Vice President Lyon presiding -

Regent Schilling commented that the criteria are intended to screen out not only frivolous appeals but also to screen out simple disagreements. If

the student governance process has worked with students having a significant and primary role in policy formation and review, he would not consider it the function of the Board to arbitrate a disagreement as to the conclusion. Rather, it is the function of the Board to review cases where student input was not sufficient under the student governance guidelines, where authority was exceeded or where the case involves systemwide implications. He felt the criteria would afford ready access for issues that should be decided at the Board level.

- President Schilling presiding -

Regent Davis asked if the language of the amendment meant that these are the only criteria which shall be considered in order to determine whether or not to grant a review.

Regent Flores explained that the Special Regent Committee used those two criteria because they were suggested in the proposed Bylaw change and because they provided a useful framework for the problem. He did not believe it would be in the students' interest to have no stated criteria, because the Committee then could use any criteria it wished on an ad hoc basis. Commenting that good policy requires consistent standards, he added his agreement that the Board should not hear every dispute between students and administration. Reviews should be granted only for cases having serious implications.

Regent Schilling noted that the proposed criteria are two of the four criteria that had been used for some time by the Personnel Matters Committee.

Regent Gelatt asked if the Personnel Matters Review Committee had used the listed criteria exclusively in making its determinations.

Regent Nikolay, Chair of the Committee, replied in the affirmative, explaining that a review would be granted if any one of the criteria were met.

While he understood the students' wish to have the opportunity to appeal any decision with which they disagreed, Regent Weinstein commented that this argument would require the Regents to step into the Chancellor's role. On the other hand, he considered it logical for the Board to take jurisdiction if there were serious concern that the Chancellor had exceeded the authority of the office, or if the matter has systemwide implications. Those two criteria, he felt, should be the only criteria to be employed. He asked those who disagreed with these proposed criteria to give an example of the kind of appeal they thought should be heard but would not meet either one of the criteria.

In response, Regent Vos offered the example of a campus with two student government systems--one for the residence halls and one for the campus as a whole. If the two governments disagreed and the Chancellor decided an issue in accordance with the position taken by one group, Regent Vos asked if, in the absence of systemwide implications, the other group would have the right to appeal to the Board.

In such a case, Regent President Schilling thought the institution first would have to determine the responsibilities of the student groups. The students could appeal that determination if they felt it abused discretion or exceeded authority. While these words might sound harsh, he added, they simply meant that the Chancellor might have interpreted his or her responsibilities incorrectly.

Regent Clusen thought the students had a valid point in expressing concern about the criterion that the Chancellor might have abused discretion or exceeded authority. Another campus official, she noted, might actually have been the one who took the actions being appealed.

If that were the case, Regent Schilling replied, the students should appeal to the Chancellor. Once the Chancellor made a decision, the students then would have access to the Board under these criteria.

In the case of the UW-Eau Claire appeal, Ms. Welch noted that it was the Assistant Chancellor for Student Affairs, not the Chancellor, who made the decision to remove the cigarette vending machines. The Chancellor simply denied the students' appeal. In her view, the criteria contained serious loopholes and should be revised if they could not be deleted altogether.

Regent Flores pointed out that "abuse of discretion," is a term of art in the law and does not constitute a personal attack on the Chancellor. While some other official might have made the decision, the ultimate administrative responsibility lies with the Chancellor, and the wording, therefore, is appropriate. It does not mean a decision cannot be appealed if it is made by someone other than the Chancellor.

Gloria Toivola, President of The Association of UW Professionals, expressed concern about further institutionalization of the criteria on page 13, which are the same criteria as those applied to faculty and staff appeals. She had distributed to Board members an alternative set of criteria which TAUWP felt would address those concerns. For example, TAUWP's proposal would provide for granting a review on the basis of violation of the federal or state constitution, of a statute, of the rules of the Board or the policies of the President, carried out pursuant to Board's directives.

In response to a question by Regent Weinstein, Regent Schilling indicated that those criteria were included by implication in the terms "exceeded authority" or "abused discretion." While he thought the TAUWP proposals were well drafted, he did not believe they differed greatly in substance from the criteria set forth in the Bylaw amendment.

Put to the vote, Resolution 5452 was adopted unanimously.

Nikolay, Regent Grank →
→ Resolution of Appreciation to Regent Nikolay

R 5453, pp 10-12

Presenting Resolution 5453, Regent Grover observed that the Nikolays are one of Wisconsin's truly progressive and outstanding families. Noting that they came from circumstances that were not affluent, Regent Grover

stated that "they achieved much, and the family is reflected in the attitude of Frank Nikolay about sharing, caring, fairness, opportunity and the great progressive tradition that comes out of the Wisconsin experience."

The following resolution was moved by Regent Grover, and adopted unanimously with a standing ovation for Regent Nikolay:

Resolution 5453: Whereas, on May 1, 1990, Frank L. Nikolay will complete a seven-year term of distinguished service as a member of the Board of Regents of the University of Wisconsin System; and

Whereas, Regent Nikolay has brought to Regent deliberations valuable knowledge and insights gained during a career of accomplishment in the practice of law and years of leadership in the State Legislature; and

Whereas, as Chair and Vice Chair of the Physical Planning and Development Committee for six years, Regent Nikolay made a particularly significant contribution through his expertise in capital budget issues and his extensive knowledge of campus facilities and lands; and

Whereas, Regent Nikolay also served as Chair of the Personnel Matters Review Committee, as Chair and member of Special Regent Committees on selection UW System Chancellors, as a member of the Executive Committee for three years, and as a member of the Higher Educational Aids Board for four years; and

Whereas, he consistently and firmly advocated the importance of affordable tuition and fees in providing full access to educational opportunity; and

Whereas, he approached issues before the Board with an admirable independence of spirit, not hesitating to cast the sole dissenting vote on matters with which he disagreed;

Therefore, be it resolved that the Board of Regents hereby recognizes and commends Regent Nikolay for all he has done to benefit the University of Wisconsin System and the people of Wisconsin; and

Be it further resolved that, with deep gratitude for his faithful service and commitment to higher education, the Board of Regents grants to Frank L. Nikolay, upon his retirement from the Board, the status and title of Regent Emeritus.

Stating that he had appreciated the opportunity to serve on the Board, Regent Nikolay said that he had never met a finer group of people than those he had been associated with as Regents.

Regent President Schilling presented a plaque to Regent Nikolay in appreciation for his distinguished service as a Regent from 1983-1990.

Hanson, Regent Camilla

Resolution of Appreciation for Regent Hanson, R5454, pp 12-13

Regent Clusen presented the following resolution and moved its adoption by the Board of Regents. The motion was adopted unanimously, with a standing ovation for Regent Hanson.

Resolution 5454: Whereas, on May 1, 1990, Camilla R. Hanson will retire from the Board of Regents of the University of Wisconsin system upon completion of her seven-year term; and

Whereas, Regent Hanson served with distinction on the Education Committee for four years, the Business and Finance Committee for three years, the Executive Committee for two years, and for the past year on the Personnel Matters Review Committee; and

Whereas, she chaired and served as a member of Special Regent Committees for selection of UW System Chancellors and other officers, as Co-Chair of the Ben R. and Ruth M. Lawton Scholarship Fund-raising Committee, and as Vice Chair of the Council of Trustees of the UW Hospital and Clinics; and

Whereas, through diligent exercise of this broad range of responsibilities, Regent Hanson has contributed significantly to decisions benefiting the UW System in a wide array of areas; and

Whereas, Regent deliberations have been enriched by her thoughtful perceptions based on her commitment to shared governance and the process of institutional decision-making;

Therefore, be it resolved that the Board of Regents hereby commends Camilla R. Hanson for the substantial contributions she has made to the University of Wisconsin System and the people of Wisconsin; and

Be it further resolved that, with deep appreciation for the countless hours of meritorious service she has rendered, the hand-made holiday ornaments she has given us each year, the thousands of miles she has traveled for meetings, and the great generosity the Hanson family has bestowed upon the university, the Board of Regents grants to Camilla R. Hanson, upon her retirement from the Board, the status and title of Regent Emeritus.

Regent Hanson recalled being told that serving on the Board of Regents is one of the most exciting things one can ever do. Stating that she found this to be true, she cited the treasured friendships made with Board members, System administrators, chancellors, vice chancellors, faculty and academic staff; the insight gained into how universities should be run; and the opportunity to visit all of the UW System campuses.

Referring to changes made during her tenure on the Board, she recalled being dismayed seven years ago to learn that credit toward graduation was given for remedial courses, and she was pleased to see that trend reversed. In addition, academic staff issues had been thoroughly examined, although she had mixed feelings as to whether academic staff had been justly served by the result.

Looking toward the future, she stated that she has high hopes that the UW System will remain among foremost university systems in the country. Noting that achievement of *Design for Diversity* remains a great challenge, she wished the Board and the System well in continuing efforts to meet those important goals. She urged the Board to decrease as much as possible the burden of paperwork on the chancellors, other administrators and faculty.

In closing, she expressed appreciation to the Board staff for all the work done in preparation for meetings, for the Regents individually, and for making Van Hise Hall seem like a second home.

Regent President Schilling presented a plaque to Regent Hanson in appreciation for her distinguished service as a Regent from 1983-1990.

As a special tribute, Regent President Schilling recognized the great enrichment Louis Hanson and Mary Nikolay had brought to the lives of Board members and others. "We enjoy Mary immensely and hope to see her often; and all of us greatly appreciate and cherish the memory of Louie."

Regent - Staff

Welcome to Regent Executive Assistant Fredi-Ellen Bove, p. 13

(x ref) Bove, Fredi-Ellen - (same)

Regent President Schilling welcomed Fredi-Ellen Bove, who was attending her first Board meeting as Executive Assistant to the Board of Regents.

Regent Committee - Special Regent Committee for UW-Milwaukee Chancellor - Report of Committee, pp 13-14

Report of the Special Regent Committee for UW-Milwaukee Chancellor

Regent Davis, Chair of the Special Regent Committee, reported that at its meeting the previous day the Committee had reviewed the process by which a new chancellor will be selected for UW-Milwaukee. The Committee also reviewed the position description and made a number of changes to bring it into conformance with many of the priorities that had been articulated by the Regents, such as the importance of undergraduate education as well as commitments to *Design for Diversity*. Given the urban character of this university, the Committee felt strongly that advance community input should be solicited.

(x ref) UW-Milwaukee - Staff - Report of Special Regent Committee for UW-Milwaukee Chancellor, pp 13-14

Stating that the Committee also wished to ensure that each member of the Board of Regents has an opportunity to contribute to this process in terms of what characteristics should be sought in the new chancellor, Regent Davis asked the Regents to provide comments and concerns to President Shaw so that they can be reflected in the charge to the search committee.

- - -

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

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

Resolution 5455: 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.

Authorizations to Recruit -

→ Authorization to Recruit Vice President for Academic Affairs, UW System, R 5456, p. 14

Resolution 5456 was adopted unanimously by the Board of Regents, upon motion by Regent Davis, seconded by Regent Hanson.

(X ref) System Vice Presidents - (same)

Resolution 5456: That, upon recommendation of the President of the University of Wisconsin System, the President be authorized to recruit for a Vice President for Academic Affairs, University of Wisconsin System.

Regents Presentations -

→ Presentation on WiscNet/CentersNet, pp 14-18

Introducing the presentation on WiscNet/CentersNet, President Shaw briefly reviewed UW System's involvement in telecommunications and management information strategies, beginning with a report to the Regents in 1988. Indicating that a state-level study of Wisconsin's long-range data processing and telecommunication needs was currently underway, he pointed out that the state's study had drawn much of its information and guidance from the UW System studies and reports.

President Shaw described WiscNet, a high-speed data communication network, and CentersNet, a computer-based instruction and conferencing network, as two new UW System initiatives that are "separate but related and independent but compatible"--key relationships in current technology. He then introduced Professor Tad Pinkerton, Director of UW-Madison's Office of Information Technology.

Dr. Pinkerton explained that WiscNet, due to be operational in October 1990, is capable of sending electronic mail messages, transferring large

administrative and academic data files as well as permitting remote connections to computers within the state and nationwide. WiscNet will replace current ad hoc connections with faster lines and provide connections to institutions that currently do not have networking capabilities.

Explaining the network structure, Dr. Pinkerton described WiscNet as part of a vast multi-layered organization with the National Science Foundation Network (NSFNet), a large national network, serving as the "backbone" of the system. NSFNet is connected to a number of regional networks including CICNet, a network which includes the Big Ten schools as well as the University of Chicago.

Each campus has various layers of the national network. For example, UW-Madison has a campuswide network with each building having network capabilities to meet departmental needs. Finally, individual research projects have networks that are a layer below the building network.

Regent Weinstein asked if WiscNet will use satellites. Dr. Pinkerton replied in the negative, adding that data lines would be provided by telephone companies.

The WiscNet project was launched in August 1989 by a grant proposal submitted to the National Science Foundation by a group of 24 institutions which included UW System Administration, the thirteen UW System four-year campuses, UW-Extension, UW Centers and eight private Wisconsin higher education institutions. Dr. Pinkerton informed the Regents that WiscNet expects to receive 98 percent of the budget request submitted in the proposal to NSF.

The VTAE System, Department of Public Instruction, Cooperative Educational Service Agencies, and high schools, as well as industry, have expressed great interest in becoming eventual WiscNet members.

Dr. Pinkerton displayed the following WiscNet budget:

<u>Year</u>	<u>Members</u>	<u>NSF Grant</u>	<u>Total</u>
Start-up	\$120,500	\$237,000	\$357,500
1990-91	218,500	120,000	338,500
1991-92	289,500	120,000	409,500
1992-93	307,500	100,000	407,500
1993-94	407,500		407,500
TOTAL	1,343,500	577,000	1,920,500

In response to a question by Regent Nikolay, Dr. Pinkerton pointed out that the annual fee for the 1993-94 school year followed the expiration of the NSF grant.

Dr. Pinkerton estimated that UW-Superior's 1993-94 fee will be approximately \$10,000. He added that UW-Milwaukee's WiscNet fee will be approximately \$28,000 in 1993-94, but that UW-Milwaukee currently leases a dedicated line to provide direct access to the Supercomputer Center at the University of Illinois. The cost of that line alone is \$28,000. WiscNet will provide that same line, through the national network, at a speed 30 times greater than the existing line.

Each institution will provide a campus infrastructure--a local campus network giving faculty and students access to WiscNet.

Regent Flores asked if WiscNet would compete with private companies that provide high-speed data and voice transmission.

Dr. Pinkerton replied that, at the management level, very few companies offer the services needed to run a network like WiscNet but that communications companies--both telephone companies and unregulated carriers--could provide the communication services and the band width that WiscNet will need. Such companies will be invited to bid on the project.

Regent Weinstein inquired as to the relationship of WiscNet to the satellite uplink/downlink that UW-Extension had been planning.

Dr. Pinkerton stated that television-level service requires considerably more band width and hence, higher cost than just data transmission. Potential satellite use was part of the telecommunications plan included by the UW System in the last biennial budget request, but since no funds were budgeted for the video-level service, WiscNet members had studied alternative data-only transmission possibilities.

When asked by Regent Weinstein if UW-Extension was involved in WiscNet, Dr. Pinkerton replied that UW-Extension was involved but that WiscNet would not be able to satisfy UW-Extension's video needs.

The benefits expected from participation in WiscNet include improved communication, research collaboration and System administrative coordination; easier access to library services; facilitated faculty recruitment; reduced need for travel to meetings; and increased public/private cooperation.

President Shaw assured Regent Weinstein that any System activity in telecommunications will be compatible with the MIS plan.

In the next segment of the presentation, UW Centers Chancellor Portch introduced Professor Richard Cleek who has played a key role in the development of CentersNet.

Dr. Cleek stated that CentersNet would strongly affect teaching, research and governance at UW Centers.

Describing computer programs used in his classes, Dr. Cleek first illustrated a classroom simulation of urban government processes and a computer program used in teaching his Wisconsin geography course. Recognizing that students often have difficulty interpreting maps, he uses the computer programs to allow students to quickly create maps emphasizing any named Wisconsin features they wish, adding a concrete dimension to materials covered in lecture. While there are many exciting but expensive educational programs available, CentersNet would allow him to buy a program and share it with 12 other UW Centers campuses.

Dr. Cleek remarked that through CentersNet he will be able to access UW-Madison research libraries from his desk, as well as the libraries at UW-Milwaukee, UW-Stevens Point, and other UW Center campuses. CentersNet

will allow him to perform complex search requests, call immediately for a copy of the needed material, and the articles can be faxed. The same process without the use of CentersNet would take him three weeks. UW Center students also will have access to those libraries.

Because the 13 UW Centers are all part of one institution, meetings play a major administrative role, requiring travel and lodging expense as well as scheduling problems. Dr. Cleek explained that CentersNet will allow him and his colleagues to put a document on the network and solicit input from colleagues across the state. Document changes can be made and reviewed quickly, reducing the need for face-to-face meetings and teleconferences.

In response to a question by Regent Flores on whether transmission/fax costs would replace travel and meeting costs, Chancellor Portch explained that costs would be offset by more efficient use of time.

Next, Chancellor Portch recalled that in *Planning the Future*, the Regents had charged him with the evaluation of alternative educational technologies and formulation of a plan for use of alternative technologies. Lacking the resource base for CentersNet, UW Centers submitted a proposal to AT&T for an equipment donation. While waiting to hear the outcome of their request, the CentersNet design of data communication among and within campuses was planned. Also, rewiring on each UW Center campus was required; every office, laboratory, classroom, student center was equipped with new data and voice outlets.

Meanwhile, AT&T granted UW Centers a donation of equipment and networking capabilities approaching \$3 million--the largest single donation in their program last year. UW Centers existing computers were modified for compatibility with CentersNet so all UW Centers computers would be functional on the local and statewide network.

Describing the impact of CentersNet on teaching low-enrollment classes on distant campuses, Chancellor Portch stated that UW Centers had entered into a partnership with UW-Extension and UW-Madison to purchase jointly an audio/graphics system: a computer-based system with high resolution screens; audio capabilities that provide two-way communication between an instructor and students at remote locations; a two-way writing tablet that allows the instructor or the student to draw graphs; and a scanner, similar to a fax machine, that allows transmission of solved problems.

As a valuable research tool, Chancellor Portch stated, CentersNet already was serving as a powerful faculty recruitment tool. "A faculty member joining us at Marinette just asked, 'How will I be able to continue my research that far away from a research library?' We were able to point to WiscNet and CentersNet."

Regent DeLong asked the reasoning for a state study of telecommunications technology and compatibility if various institutions were independently pursuing their own projects.

Dr. Pinkerton replied that the UW System Information Technology Coordinating Council was working very closely with the state's technology

study. He felt that WiscNet and CentersNet could be developed on an aggressive schedule, in parallel with the development of the state's study, because the study's scope is very long range and covers data processing as well as communications.

Regent DeLong stated that many state agencies were prohibited from pursuing their communications plans until the study was completed to assure that any new programs would not be incompatible with future state communications and data processing plans. Dr. Pinkerton said that great care was being taken to ensure that WiscNet and CentersNet would fit successfully into the state's future technological developments. He described these two networks as modest, in comparison with the scope of the state study.

In response to Regent DeLong's question on technological compatibility, President Shaw said that the designs could fit almost any initiative that the state undertakes.

In response to Regent Nikolay's question about the cost of adding the VTAE schools to the network, Dr. Pinkerton replied that the additional cost to connect another location is a \$10,000-\$15,000 one-time cost and approximately \$10,000 annually.

Regent Nicholas commented that the networking projects were substantially motivated by the opportunities reflected in AT&T's donation of nearly \$3 million for a project that is highly likely to be compatible with any state system later on. Chancellor Portch agreed that was the reasoning involved. Dr. Pinkerton concurred that the \$500,000 from NSF for WiscNet had been a similar trigger for action.

President Shaw concluded by pointing out that the two networks demonstrated three important points: (1) cooperation among System Administration, UW System campuses, private schools and state government; (2) leveraging of private funding; and (3) growth by substitution--campuses setting priorities and reallocating their resources to reach their goals.

Chancellor

Introduction of UW-Superior Vice Chancellor Betty Youngblood, p. 18

(x ref) UW-Superior-Staff - (same)

President Shaw welcomed Dr. Betty Youngblood, the new Vice Chancellor at UW-Superior. Dr. Youngblood came to Wisconsin from MacMurray College in Jacksonville, Florida, prior to which time she served in the Georgia University System.

(x ref) Youngblood, Betty - Introduction as Vice Chan., UW-Superior, p. 18

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Regent Nicholas, Chair, presented the Committee's report.

Regent Committees - Audit Subcommittee - Discussion on role of Committee ¹⁹
p. 19

Audit Subcommittee

The Audit Subcommittee of the Business and Finance Committee met the preceding day to discuss the scope of the subcommittee's role. The subcommittee decided to meet on a quarterly basis and asked to be provided with one-page summaries for all audits, in addition to audit opinion and management letters.

A charter was to be drafted outlining suggested activities for the subcommittee.

In May, the subcommittee planned to review the proposed internal audit schedule for 1990-91 and also would be recommending additional audits.

The subcommittee's purpose is to provide more meaningful Regent involvement in the audit function and to improve the effectiveness of the program.

Consent Agenda Items

Reporting unanimous approval by the Business and Finance Committee of Resolutions 5457 and 5458, Regent Nicholas presented them as consent agenda items for action as a single unit.

There being no request to withdraw either item from the consent agenda, the following resolutions were unanimously adopted by the Board of Regents upon motion by Regent Nicholas, seconded by Regent Gelatt:

Requests -
Nora Agnes Hanna Bequest, R 5457, p. 19

(X ref) Hanna, Nora Agnes -
Acceptance of
request, R 5457,
p. 19

Resolution 5457: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of UW-Madison, the bequest of the late Nora Agnes Hanna of Durham, North Carolina be accepted by the Board of Regents of the University of Wisconsin in accordance with the terms and conditions of the Will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of UW-Madison.

(Nora Agnes Hanna's Will incorporated by reference certain provisions contained in the Will of her late husband Frank Allen Hanna, including the following:

"The remainder of my estate I give to the Library of the University of Wisconsin, Madison, Wisconsin."

Frank Allen Hanna received a master's degree in 1934 and a Ph.D. degree in 1941 from UW-Madison. The remainder of the Estate will amount to approximately \$350,000.)

Educator Bonds - Authorization for, R 5458, p. 20

Wisconsin Higher Education Bonds Program

Resolution 5458: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents of the University of Wisconsin System approves participation in the Higher Education Bonds program under Chapter 18, Subchapter IV, Wisconsin Statutes, by its eligible educational institutions and hereby authorizes and directs its institutions to enter into the final agreements with the State of Wisconsin Building Commission and do all other acts necessary to permit their students to participate in the program.

Approval of Gifts, Grants and Government Contracts

Resolution 5459, which was approved unanimously by the Business and Finance Committee, was moved by Regent Nicholas, seconded by Regent Gelatt and adopted by the Board of Regents, with Regent Davis abstaining.

Resolution 5459: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at 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.

X
Audits -

Quarterly Internal Audit Update, p. 20

Regent Nicholas reported that the Business and Finance Committee was advised by Internal Audit Director Brunkow that systemwide audits of data processing programmer utilization and library acquisition/automation are in their final stages, with draft reports expected soon. Capital inventory audits were completed. A committee is to review the financial policy paper on inventories, and systemwide recommendations will be made.

The Legislative Audit Bureau has completed the field work for the federal financial aid audits at a number of institutions. The LAB also has begun an audit of the Educational Communications Board, Wisconsin Public Broadcasting Foundation, and UW-Extension WHA radio and TV.

X
Strategic Planning -

MIS Strategic Plan Implementation, pp 20-21

Presenting this second management information systems strategic planning report, Vice President Poellnitz advised the Committee that progress had been made despite problems with funding, staffing, pace of technological change and demand for information.

Factors affecting the strategic plan this year include the following: The Department of Administration and the Ernst and Young consultants are leading a statewide review of computing and telecommunications; WiscNet will link all UW System institutions and eight independent institutions; and CentersNet will link the centers together with an equipment grant from AT&T.

Examples of sharing and cooperation, achievements made toward the seven strategies, and recent activities of the institutions were outlined in the report. The Committee expressed approval of the progress being made in the MIS area.

WYN Observatory

R 5460, pp 21-23
 → UW-Madison Participation in WYN Observatory

Summarizing Committee consideration of this matter, Regent Nicholas reported that Graduate School Dean Wiley and Astronomy Professor Code provided background information on the proposed consortium to construct a state-of-the-art telescope. UW-Madison would participate in the observatory with Indiana University, Yale, and the National Optical Astronomical Observatory (NOAO). The observatory would be located in Arizona and would allow for remote observing.

(Xref) Telescopes - UW-Madison participation in WYN Observatory, R 5460, pp 21-23
 NOAO will provide the site for the observatory and provide the primary mirror as well as the ongoing maintenance. The three universities would provide funds for further development and operation of the observatory. UW-Madison would receive about 26 percent of the available viewing time, which would cost about \$4.3 million, to be funded by private contributions. If adequate funds were not raised, the monies would be provided by the Wisconsin Alumni Research Foundation's annual contribution to UW-Madison.

Annual operating costs for the observatory would be around \$69,000, \$25,000 of which is for nonpersonnel items. The Astronomy Department had committed to provide \$69,000 from its operating base.

The Committee expressed concern over the potential lack of private funds sufficient to cover UW-Madison's \$4.3 million commitment. Dean Wiley assured the Committee that funding could be acquired by allocating a portion of the annual gift from WARF—currently about \$14 million. Because the project is a high-priority item, he and the Chancellor are committed to allocating first dollars from these funds to cover any fund-raising shortfall.

The Committee was very impressed with the project, but was concerned about the funding, particularly since no private funds have been raised to date. However, with the backup commitment of WARF funding, the Committee felt assured that the financial obligation will be covered. With an amendment to that effect, the Committee unanimously approved Resolution 5460.

Adoption by the Board of Regents of the following resolution was moved by Regent Nicholas and seconded by Regent Weinstein:

Resolution 5460: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the University of Wisconsin-Madison be authorized to take such steps as are necessary and appropriate, including becoming a member of a consortium or other nonprofit organization, to allow its Department of Astronomy to fully participate in the development and operation of an observatory, currently known as the WIYN Observatory; further, that the Chancellor or her designee is authorized to enter into such agreements on behalf of the Board of Regents of the University of Wisconsin System as are necessary and appropriate to allow the participation. In the absence of sufficient funding, the Chancellor will allocate Wisconsin Alumni Research Foundation (WARF) funds for the construction of the telescope.

Regent Hanson asked if there is a definite commitment from WARF to provide the needed monies.

Replying in the affirmative, Regent Nicholas called on Dean Wiley to describe the arrangement which was being made. Because of the way in which the WARF annual gift is calculated. Dean Wiley explained, the gift could not drop below \$13 million over the period of construction of the observatory. Therefore, UW-Madison felt comfortable in providing monies from the gift as a backup funding--independent of any further action on the part of the WARF trustees.

Nevertheless, the intention was to ask the trustees in May to provide a line of credit in case the private fund-raising does not proceed rapidly enough, so that the projected payment schedule can be met over the next four years. The university was hopeful and confident that the line of credit would be granted and it would not be necessary to use funds directly from the annual gift. If subsequent fund raising still did not proceed fast enough, some funds from the annual gift would be used to repay the loan.

Pointing out that the cost itself could be reduced, Dean Wiley explained that, at the time the telescope is completed, viewing time will be determined by how much each party contributed. If UW-Madison contributed less than the estimate, the result would simply be less than 26 percent viewing time. UW-Madison would be comfortable, if necessary, in dropping back to about 17 percent viewing time, which is the current commitment of the other universities.

If the payment schedule becomes too burdensome, the university also had the alternative of dropping out with six months notice, thereby freezing in a percentage of viewing time, calculated on the basis of what had been contributed until that time. There are also possibilities for gifts-in-kind, under which part of the telescope would be constructed at UW-Madison and contributed to the consortium on a pre-agreed price.

If it were necessary to take funding from the WARF gift, Regent Weinstein asked if there is a plan as to which of the current WARF beneficiaries would suffer reductions.

Replying that the monies would come largely from the portion of the funds used for equipment, Dean Wiley noted that part of the WARF gift is used to meet the need for frontline research equipment. If necessary, a large portion of the equipment money could be allocated to the Astronomy Department.

In response to a further question by Regent Weinstein, Dean Wiley affirmed that no funding problem would be brought to the Board for solution.

Regent Nicholas asked if the level of funding from WARF had been rising steadily over the years, and Dean Wiley replied that it had.

Regent Nicholas added that the payment schedule is six-years in length, providing considerable time to raise private money. He considered the risk a reasonable one, given the strong commitment of the chancellor to keeping a first-rate Astronomy program.

Chancellor Shalala added that raising private funds for the observatory is one of the highest priorities of the College of Letters and Sciences in the capital campaign that is to be launched in the fall.

Put to the vote, the resolution was adopted unanimously.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

X Regent Nikolay, Vice Chair, presented the Committee's report.

Nikolay, Frank - Express of
Appreciation to Vice President Brown and Staff, p. 23

Regent Nikolay thanked Vice President Brown and his staff for the excellent cooperation that they had given the Committee during his years of membership.

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Consent Agenda Items

Regent Nikolay presented Resolutions 5461-5464, which had been unanimously approved by the Physical Planning and Development Committee, as consent agenda items for action by the Board as a single unit. There being no requests to remove any item from the consent agenda, the four resolutions were unanimously adopted by the Board of Regents, upon motion by Regent Nikolay, seconded by Regent Doughty Luckhardt.

UW-Milwaukee Authority to Construct Primary Electrical Distribution System Repairs, R 5461, p. 24

Resolution 5461: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to construct the Primary Electrical Distribution System Repairs - Phase 2 project at an estimated total project cost of \$1,400,000 of General Fund Supported Borrowing - Maintenance Funds.

UW-Madison Approval of Performance Evaluation/Design Report: Authority to plan, bid and construct Hiram Smith Annex Laboratory Project, R 5462, p. 24

Resolution 5462: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Total Facility Performance Evaluation/Design Report be approved and authority granted to construct the Hiram Smith Annex Laboratory Total Facility Performance project, at an estimated total project cost of \$1,488,859, funded as follows:

General Fund Supported Borrowing:	
Maintenance	\$1,257,803
Health, Safety and Environment	120,159
Energy Conservation	35,341
Remove Architectural Barriers	75,556
Total:	\$1,488,859

UW-Milwaukee Authority for Golda Meir Library Roof Replacement, R 5463, p. 24

Resolution 5463: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to construct a Golda Meir Library Roof Replacement project at an estimated project cost of \$265,000 of General Fund Supported Borrowing - Maintenance Funds.

UW System: Minor Projects

Resolution 5464: That, upon the recommendation of the UW-Eau Claire, LaCrosse, Madison, Milwaukee, Parkside, Stevens Point and Superior 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:

General Fund Supported Borrowing -	
Health, Safety and Environment Funds	\$ 398,600
Maintenance Funds	112,000
Minor Project Funds	559,700
Program Revenues	421,600
	<u>\$1,491,900</u>

X UW-Eau Claire - Bldgs + Land - Approval of

~~Phillips Hall Chemical Stockroom Improvements, \$219,600, General Fund Supported Borrowing~~

~~Health, Safety and Environment Funds~~

~~Phillips Hall Window/Panel System Replacement, and \$112,000, General Fund Supported Borrowing -~~

~~Maintenance Funds~~

~~Lower Campus Flood Control, \$179,000, General Fund Supported Borrowing - Health, Safety and Environment Funds~~ → R 5464, pp 24-25

X UW-LaCrosse - Bldgs + Land - Approval of

~~Cartwright Center Student Union Patio, \$74,000~~ → R 5464, pp 24-25
~~Program Revenues~~

X Bldgs + Land - Approval of

UW-Madison

~~112 North Lake Street (Clinical Science Center Warehouse) Roof Replacement and Masonry Repair, \$110,000, Program Revenues~~ R 5464, pp 24-25

(Xref) Clinical Science Center - (same)

(Xref) Roof problems - (same)

X UW-Milwaukee - Bldgs + Land - Approval of

~~Klotsche Center for Physical Education Women's Locker Room Expansion, \$85,000, General Fund Supported Borrowing - Minor Project Funds~~ R 5464, pp 24-25

X UW-Parkside - Bldgs + Land - Approval of

~~Wyllie Library Student Services Remodeling, \$182,800, General Fund Supported Borrowing - Minor Project Funds~~ R 5464, pp 24-25

X UW-Stevens Point - Bldgs + Land - Approval of

~~Science Building Addition Psychophysiology and Biofeedback Laboratory Remodeling, \$98,000, General Fund Supported Borrowing - Minor Project Funds~~ R 5464, pp 24-25

X UW-Superior - Bldgs + Land - Approval of

~~Erlanson/Barstow Enclosed Elevated Walkway, and \$193,900, General Fund Supported Borrowing - Minor Project Funds~~

~~Wessman Arena Locker Room Addition, \$237,600, Program Revenues~~ R 5464, pp 24-25

Regents - Policy

UW System Discussion of Policy on Funding Facilities Capital Costs, pp 25-27

(Xref) Budget, Capital - (same)

Regent Nikolay summarized Committee discussion of a proposed resolution which intended to reflect the Board's consensus relating to the appropriate funding of university facilities capital costs.

(Xref) Fees - (same)

At the February Regent meeting, President Schilling had asked that there be a formal review of existing policies on the several sources of funding for the various projects, the issue of the appropriate use of different funds having been raised several times over the past two years in relation to gift funds and more recently in relation to student contributions.

(Xref) Funds (?) - (same)

Appointed to study this issue was a 12-member committee, comprised of System Administration staff, campus administrators, student representatives and Department of Administration staff. The committee reviewed existing policies as well as traditional funding sources for the various types of facilities that the System typically constructs, including academic facilities, support space, multi-purpose space, and auxiliary operations.

In many cases, the funding source is clearly identified in existing Regent policies. However, there are many cases where the funding of facilities is not clearly specified in the context of existing policies, and funding sources have been identified on an ad hoc basis. Where no clear policy currently existed, the committee's charge was to develop a recommendation for Regent consideration. The outcome of the committee's deliberations was reflected in the draft resolution.

The planned approach was to have this item discussed by the Regents at this meeting, incorporate any revisions, and include the policy for final consideration at the May meeting. An opportunity was provided the chancellors to discuss this proposed resolution at their March Administrative Staff meeting, and several university representatives also were present at the Physical Planning and Development Committee meeting. There was general support for the proposal in that it essentially restated, but with more clarity, the existing policies of the Board.

Vice President Brown suggested adding "Land Acquisition" to the list. The UW System has been successful in its efforts to secure Building Commission approval of GPR funding to purchase land, on the basis that the state holds title to the property even though the land may be used to support a program revenue enterprise.

Chancellor Thibodeau expressed concern that the Building Commission could use this policy to require gift or grant contributions in support of academic facilities which are appropriately funded with full GPR support.

Vice Chancellor Noren shared with the Physical Planning and Development Committee the recommendations resulting from discussion by the Council of Trustees relating to this subject. While the proposed policy showed that GPR funds would not be allowed as a funding source for the Clinical Science Center, the vice chancellor and the Council were concerned that this represented an undesirable restriction on funding for a mixed-use facility such as the hospital. Even though the Regents would understand the basis for a project request involving multiple funding sources, there was concern that the Building Commission would use the policy as the basis for requiring total program revenue funding.

The Council and Vice Chancellor Noren also thought it appropriate to list program revenues as an allowable funding source in conjunction with gifts and grants. The Committee agreed to recommend these changes to the Board.

Vice President Lyon expressed his preference for a policy which would require the use of GPR funds for academic buildings, with any external monies being used for programmatic enhancements. He also thought that a stronger policy is needed to discourage external agencies from modifying the funding decisions made by the Regents in the development of its capital budget recommendations.

Ms. Anne Welch, President of the UW-Eau Claire student body, said that the students she represented endorsed the proposed policy. However, it was suggested that some other title be used instead of "typical" to describe the funding source that would normally be used for the listed projects. Staff suggested that the word "prescribed" be substituted.

The consensus, after discussion, was that the proposed policy, as reflected in the resolution and with the suggested modifications, would be helpful in approaching the 1991-93 capital budget deliberations.

The Committee recommended that the Board endorse the policy and that it be placed on the May agenda for action.

Hospital - Council of Trustees - Council recommendations to be included in policy on funding of capital costs, pp 25-27

In discussion at the Board meeting, Regent Weinstein asked that the Council of Trustees' recommendations be reflected in the minutes and that the proposed resolution be amended accordingly.

Regent Flores agreed that the original proposal was too restrictive and would prevent receipt of more GPR funds for the hospital, which he, Regent Weinstein and others had been advocating for the last several years.

Regent President Schilling asked unanimous consent for the draft resolution to be revised as requested by Regent Weinstein. There being no objection, it was directed that the draft be revised accordingly.

Blk & Land

UW System: Approval of Report on Land Information Integration Plan, R5465

Continuing the report of the Physical Planning and Development Committee, Regent Nikolay stated that approval was requested for President Shaw to forward to the newly created Land Information Board the System's plan for integrating University of Wisconsin System land information into the Wisconsin Land Information Program. This program was created by the 1989 Budget Bill. After discussion, the resolution was adopted on a vote of 3 Ayes and 1 No.

pp 27-28

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

Resolution 5465: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the report entitled "A Plan for Integrating University of Wisconsin System Land Information Into the Wisconsin Land Information Program" for transmittal to the Land Information Board, and authorizes the President or Vice President to transmit additional data as may be required by the Land Information Board under Section 16.967, Wisconsin Statutes.

Explaining his vote against the resolution, Regent Nikolay stated his concern that the Legislature had created another government agency which would grow over the years. Because it was mandated by the Legislature, the university will have to cooperate in the study of every acre of land in the

state that belongs to any governmental unit--state, township, village, city or county. He did not understand why the Legislature thought it necessary to do that, and he voted against the resolution in order to express his disagreement.

Put to the vote, Resolution 5465 was adopted, with Regents Doughty Luckhardt, Grover, Hanson, Nikolay, Vos and Weinstein voting "No."

Budget

1990 Report on City and County Operating Budget Support for the UW Centers, p. 28

(Xref) UW Centers - (same)
The 1990 Report on City and County Operating Budget Support for the UW Centers was presented to the Committee. Chancellor Portch commented that most new construction was nearing completion and that most municipalities would find their financial obligation turning toward remodeling, renovation and maintenance of existing facilities.

In view of the excellent facilities provided in support of the UW System educational mission by the cities and counties where the UW Centers are located, Regent Davis noted that it is appropriate to express appreciation on a regular basis for their high level of support.

Regent President Schilling agreed that it is important to express the Board's gratitude. He asked Chancellor Portch to work with Regent Davis in suggesting the appropriate occasion for doing so.

Nikolay, Regent Frank

Physical Planning and Development Committee Resolution of Appreciation for Regent Nikolay, pp 28-29

Regent Doughty Luckhardt read the following resolution which had been adopted unanimously by the Physical Planning and Development Committee:

Whereas, Frank L. Nikolay has served with distinction as a member of the Physical Planning and Development Committee since July 1, 1983; and

Whereas, throughout this time, Frank has provided diligent and conscientious attention to the multi-faceted subjects presented to the Committee, offering a totally committed effort to their resolution, while remaining unwavering in his desire to provide cost-effective solutions to problems in order to minimize financial burdens on students in the University of Wisconsin System and on the taxpayers of the State of Wisconsin; and

Whereas, during this time, Frank provided distinguished leadership to the Committee in its deliberations by serving as Chair from July 1, 1986 through June 30, 1989, and as Vice Chair since July 1, 1989; and

Whereas, Frank's term of service on the Board of Regents is concluding and he is attending his last meeting of the Physical Planning and Development Committee;

Now Therefore Be It Resolved that the members of the Physical Planning and Development Committee express their deepest gratitude and thanks to Frank for his loyalty, dedication, and service and extend to him their sincere best wishes.

Audits - Report on audits by

Legislative Audit Bureau regarding buildings' infrastructure, p. 29

Regent Nikolay reported that the Committee was advised by Vice President Brown that the Legislative Audit Bureau held an entrance conference with System Administration representatives to discuss the audit they will be undertaking on the state's building construction supervision process and the adequacy of building maintenance programs at all state agencies.

Bldg. Fund - (same)

Due to the sizeable investment in infrastructure that the UW System campuses represent as a percent of the total state investment, it was expected that the audit team will spend a significant amount of time focusing on issues that concern the UW System.

The Committee considered this audit very timely in view of activities relating to recent issuance of the paper on roles and responsibilities in the capital budget, current development of the issues paper relating to the infrastructure, and continuing efforts to achieve additional delegation of authority from the Division of State Facilities Management.

During the entrance conference, the Audit Bureau staff said they had discussed such an audit at various times over the last several years and that, among other factors, the recent series of articles in *The Capital Times* relating to UW-Madison remotivated them to initiate the study. The audit staff indicated that it was a staff decision to do this audit, not a legislative directive.

The draft audit report is expected to be available in September, and Regents will be provided periodic updates regarding its progress. Associate Vice President Larry Eisenberg will be the System Administration liaison to the audit team.

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REPORT OF THE EDUCATION COMMITTEE

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

Consent Agenda Items

Reporting unanimous Committee approval of Resolution 5466, Regent Grover presented it for action by the Board of Regents as a consent agenda item.

There being no request to remove the resolution from the consent agenda, it was adopted unanimously by the Board, upon motion by Regent Grover, seconded by Regent Hanson.

Authorization to Recruit ->

~~Authorization to Recruit~~ *Dean, UW Center-Marathon County, R 5466, p. 30*

(Xref) UW Centers - Staff - (same)

Resolution 5466: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean of the University of Wisconsin Center-Marathon County.

(Xref) UW Centers - Marathon County - (same)

Issues Paper - Paper on

~~Issues Paper~~ *Strategic Planning, p. 30*

The Education Committee, with all Regents invited to participate, heard a presentation on strategic planning.

(Xref) Strategic Planning - Issues Paper on, p. 30

Regent Weinstein requested that the minutes make clear that the Regents were not questioning the role of System planning. Instead, they were asking for advice on how to balance the role of System planning versus institutional planning, in order to meet the needs of the citizens of the state.

Secondly, the Committee asked Vice President Trani to prepare for it a list of topics which, in his opinion, would be the proper subjects for future strategic planning studies.

North Central Assn

Report of the Vice President of Academic Affairs

(Xref) UW Eau Claire - North Central Assn. reaccr. for UW Eau Claire, p. 30

Vice President Trani advised the Committee that UW-Eau Claire had received full reaccr. from the North Central Association. A report will be made at the May meeting.

Japan *Report on Trip to Japan, p. 30*

Dr. Trani reported on a recent trip to Japan of a task force led by Regent President Schilling, which explored the viability of establishing a UW System branch campus in Japan, similar to those recently established by four other American universities.

Academic Programs

Five-year Review; B.S., Public Administration and Policy Analysis, UW-Stevens Point, R 5467, p. 31

Reporting unanimous Committee approval of Resolution 5467, Regent Grover moved its adoption by the Board of Regents. The motion was seconded by Regent Vos and carried unanimously.

(Xref) UW-Stevens Point - (same, but drops "UW-Stevens Point")

Resolution 5467: That, upon recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the B.S. in Public Administration and Policy Analysis be continued, with the understanding that it will be included within that institution's normal academic evaluation process.

UW-Stevens Point - Bd. of Visitors

Authorization to Increase Membership of the UW-Stevens Point Board of Visitors from 15 to 18 members, R 5468, p. 31

The Education Committee approved Resolution 5468 with Regent Flores voting "No."

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

Resolution 5468: That, upon recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the request of the Chancellor for permission to increase the membership of the Board of Visitors, University of Wisconsin-Stevens Point, from fifteen to eighteen, pursuant to Regent Policy Document #78-6 (amended), be approved.

Explaining his vote against the resolution, Regent Flores expressed his view that 15 members should be a sufficient number for a Board of Visitors. He thought it should be possible to include minority representation without expanding the size of the Board.

Put to the vote, the resolution was adopted, with Regent Flores and Regent Gelatt voting "No."

Academics

Informational Report on Academic Staff Professional Development Grants for 1990-91, p. 31

The Education Committee received an informational report on Academic Staff Professional Development Grants for 1990-91.

(Xref) Academic Staff - (same)

Vilas Wm. F. Trust Estate

Approval of Requests to Trustees of the William F. Vilas Trust Estate

R 5469, pp 32-34

Regent Grover reported unanimous approval by the Education Committee of Resolution 5469. Upon motion by Regent Grover, seconded by Regent Hanson, the resolution was adopted unanimously by the Board of Regents.

Resolution 5469: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison, 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, 1990 to June 30, 1991, 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 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

Ihad 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

Carl F. Kaestle - Vilas Research Professor of Educational Policy Studies and History, School of Education and College of Letters and Science, UW-Madison

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

Emiko Ohnuki-Teirney - Vilas Research Professor of Anthropology, College of Letters and Science, 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 Professor to be appointed - 1

- | | | | |
|-------|--|--------------|--------------|
| 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 seven (7) Vilas Professors (Fellman, Hurst, Lardy, Mueller, Sanchez-Barbudo, Sewell, Willard) at \$2,500.00 each | \$ | 17,500.00 |

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:		
A Celebration of Chamber Music	\$	22,000.00
b. UW-Milwaukee:		
1990 Festival of Chamber Music	\$	12,000.00
8. Seventeen (17) Vilas Associates in Arts and Humanities	\$	271,864.00
9. Twenty (20) Vilas Associates in the Social Sciences	\$	348,534.00
10. One-time special funding for:		
Professor Leonard Berkowitz	\$	2,000.00
Professor George E. P. Box		2,750.00
Professor Walter Rudin		5,000.00
	\$	9,750.00
TOTAL VILAS REQUEST		<u>\$1,177,968.00</u>

Hanson, Camilla

Education Committee Resolution of Appreciation for Regent Hanson

pp 34-35

Regent Grover reported that the Education Committee passed by acclamation the following resolution of appreciation for Regent Hanson.

Whereas, Camilla R. Hanson has served as a member of the Education Committee of the Board of Regents from June 1986 to present; and,

Whereas, she has contributed her calm, thoughtful and humane approach to the deliberations of the Committee; and,

Whereas, she has helped the Committee to focus on broad policy issues, keeping in perspective the effects of its decisions on faculty, academic staff and students; and

Whereas, she always has stressed the importance of each institution as an individual and special entity within the University of Wisconsin System; and

Whereas, she has placed foremost attention to enhancing the quality of the educational program while maintaining its availability to large numbers of citizens throughout the State of Wisconsin; and

Whereas, on May 1, 1990, she will retire from the Board of Regents of the University of Wisconsin System upon completion of her seven-year term;

Therefore, be it resolved that the Education Committee conveys its sincere respect and appreciation to Camilla R. Hanson for her valuable service to the Committee, and extends to her its very best wishes.

Named Professorships

Regent Grover presented Resolutions 5470-5476, which were approved in closed session of the Education Committee.

Upon motion by Regent Grover, seconded by Regent Flores, the following seven resolutions were adopted unanimously by the Board of Regents, and the recipients of the named professorships were congratulated:

Professorships

Resolution 5470:

~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of David J. Bordwell, Professor of Communication Arts, UW-University of Wisconsin-Madison, be changed to the Jacques Ledoux Professor of Film Studies, College of Letters and Science, University of Wisconsin-Madison, effective immediately. UW-Madison, R 5470, p. 35~~

(ref) Bordwell, David
(same)

Resolution 5471:

~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Linda Gordon, Professor of History and Women's Studies, College of Letters and Science, University of Wisconsin-Madison, be changed to the Florence Kelley Professor of History and Women's Studies, College of Letters and Science, University of Wisconsin-Madison, effective immediately. R 5471, p. 35~~

Professorships
(ref) Gordon, Linda
(same)

Resolution 5472:

~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of David C. Larbalestier, Professor of Materials Science and Engineering, College of Engineering, University of Wisconsin-Madison, be changed to the L. V. Shubnikov Professor of Materials Science and Engineering, College of Engineering, University of Wisconsin-Madison, effective immediately. R 5472, p. 35~~

Professorships
(ref) Larbalestier, David C.
(same)

Professorships
 Resolution 5473: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of William H. McClain, Professor of Bacteriology and Molecular Biology, College of Agricultural and Life Sciences, University of Wisconsin-Madison, be changed to the Harlyn O. Halvorson Professor of Bacteriology and Molecular Biology, College of Agricultural and Life Sciences, University of Wisconsin-Madison, effective immediately.~~ *UW-Madison*
R 5473, p. 36

Professorships
 Resolution 5474: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of M. Thomas Record, Jr., Professor of Chemistry and Biochemistry, College of Letters and Science and College of Agricultural and Life Sciences, University of Wisconsin-Madison, be changed to the John D. Ferry Professor of Chemistry and Biochemistry, College of Letters and Science and College of Agricultural and Life Sciences, University of Wisconsin-Madison, effective immediately.~~ *UW-Madison*
R 5474, p. 36

Professorships
 Resolution 5475: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Eric Olin Wright, Professor of Sociology, College of Letters and Science, University of Wisconsin-Madison, be changed to the C. Wright Mills Professor of Sociology, College of Letters and Science, University of Wisconsin-Madison, effective immediately.~~ *UW-Madison*
R 5475, p. 36

Professorships
 Resolution 5476: ~~That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Sau Lan Wu, Professor of Physics, College of Letters and Science, University of Wisconsin-Madison, be changed to the Enrico Fermi Professor of Physics, College of Letters and Science, University of Wisconsin-Madison, effective immediately.~~ *UW-Madison*
R 5476, p. 36

At 11:55 a.m., the following resolution, moved by Regent Lyon, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Flores, Gelatt, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vos and Weinstein voting "Aye" (13), and no regents voting "No."

Resolution 5477: That the Board of Regents recess into closed session to consider personnel matters, including salary adjustments at UW-Milwaukee and UW System Administration, as permitted by s. 19.85(1)(c), *Wis. Stats.*; and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

CLOSED SESSION ACTIONS

The Board arose from closed session at 12:30 p.m. and made the following announcements:

Appointment of Acting Chancellor, UW-Milwaukee; John Schroeder, R 5478, p. 37

Resolution 5478: That, upon the recommendation of the President of the University of Wisconsin System, John Schroeder be appointed Acting Chancellor of UW-Milwaukee, effective June 1, 1990, at an annual salary rate of \$100,000.

Appointment of Acting Vice President for Academic Affairs, UW System; Albert J. Beaver, as of 7/1/90, R 5479, p. 37

Resolution 5479: That, upon the recommendation of the President of the University of Wisconsin System, Albert J. Beaver be appointed Acting Vice President for Academic Affairs, effective July 1, 1990, at an annual salary rate of \$86,148.

Resolution 5480 was adopted in closed session of the Board of Regents on February 2, 1990, but was not announced, pending campus receipt of acceptance from the nominees:

Honorary Degrees, UW-Milwaukee

Resolution 5480: That, upon the 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 1990 at UW-Milwaukee, subject to acceptance by the nominees:

George F. Kennan, Doctor of Humane Letters and Frank J. Pelisek, Doctor of Commercial Science; and

and that the following person be awarded an honorary degree to be conferred at commencement in December 1990 at UW-Milwaukee, subject to acceptance by the nominee:

Frank P. Zeidler, Doctor of Humane Letters, R. 5480, p. 37

The meeting was adjourned at 12:30 p.m.

Judith A. Temby
Judith A. Temby
Secretary

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS
LYME DISEASE RESEARCH
MSN HS-HYG BACTERIOLOGY METHODS DV (133-Q532) 100.00

GIFT-IN-KIND

1. PROF. LIDA KIRCHBERGER
ALBUQUERQUE, NM
GESAMMELTE WERKE (12 VOLS.) BY THOMAS MANN
MSN LIBR GEN OPERATIONS LIB ACQSTN
2. CATERPILLAR INC.
PEORIA, IL
MODEL T45B TOWMOTOR FORK TRUCK
MSN ENGR MECHANICAL ENGR
3. DON J. CORRIGAL
APPLETON, WI
PLASMA TORCH SYSTEM
MSN ENGR MECHANICAL ENGR
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UTILITY VEHICLES
MSN ATH GENERAL OPERATNS ADMIN
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
2 TRACTORS
MSN ATH GENERAL OPERATNS ADMIN
6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CHAIN SAW
MSN ATH GENERAL OPERATNS ADMIN
7. MR. JOHN B. RAMSAY
LOS ALAMOS, NM
34 TITLES ON THE ARABIAN PENINSULA
MSN LIBR GEN OPERATIONS LIB ACQSTN
8. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PRINTS: 4 BRAD BENNETT, 1 DACEY
MSN ATH GENERAL OPERATNS ADMIN

INSTRUCTION

1. UNIVERSITY AFFILIATED CINCINNATI CENTER FOR
DEVELOPMENTAL DISORDERS
CINCINNATI, OH
PRIME CONTRACTOR WITH DED
STRESS, HEALTH AND SOCIAL SUPPORTS AMONG FAMILIES
AND CAREGIVERS OF OLDER ADULTS WITH DEVELOPMENTAL
DISABILITIES
(REDUCED TO REFLECT PORTION OF GRANT TO BE
REPORTED BY MILWAUKEE CAMPUS)
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AT A TOTAL COST OF \$69,955.00
AWARD # AGR DTD 06/29/89
MSN GRAD WAISMAN CENTER (144-BB15) 4,479.00-

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

2.	SOCIAL SCIENCE RESEARCH COUNCIL NEW YORK, NY PRIME CONTRACTOR WITH STATE PILOT PROGRAM TO INITIATE NEW TEACHING POSITIONS IN RUSSIAN AND SOVIET STUDIES FOR THE PERIOD 08-31-89 THROUGH 08-30-90 AWARD # CHECK #000080 MSN L&S INTRDPT CR PROGS SOV&E EUR (144-BM53)	36,000.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTEGRATED LIBERAL STUDIES PROGRAM FUND MSN L&S INTEG LIB STU (133-L455)	1,000.00
4.	MULTIPLE DONORS MOLECULAR BIOLOGY OF PHOTOSYNTHETIC PROCARYOTES SYMPOSIUM MSN AG&LSC BIOCHEMISTRY (133-L516)	139.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EQUIPMENT FOR TANDEM PRESS MSN EDUC ART VISUAL ART (133-M286)	12,500.00
6.	NATIONAL TECHNOLOGICAL UNIVERSITY FT. COLLINS, CO NATIONAL TECHNOLOGICAL UNIVERSITY ELECTRICAL ENGINEERING MS DEGREE GRANTING PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q534)	5,000.00
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI W. DONALD OLIVER PRIZE ESSAY MSN L&S PHILOSOPHY (133-Q539)	750.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRITTINGHAM FOUNDATION GRANT FOR SUPPORT OF THE AFRICAN PERFORMING ARTISTS MSN L&S AFRIC LANG & LIT (133-Q548)	5,525.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE CONFERENCE ON SYMBOLISM, LANGUAGE AND POLITICS MSN L&S POLITICAL SCI (133-Q564)	4,000.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT AWARD FUND MSN L&S FRENCH & ITALIAN (133-Q573)	7,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

- | | | |
|----|---|--------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PURCHASE OF LIBRARY MATERIALS AND SUPPLIES
MSN LIBR (133-F543) | 695.00 |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PURCHASE OF MATERIALS FOR LIBRARY COLLECTIONS
MSN LIBR GEN OPERATIONS LIB ACQSTN (133-M983) | 54.00 |

MISCELLANEOUS

- | | | |
|----|--|------------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUPPORT FOR GENERAL OPERATIONS - ATHLETICS
(193-K302)
MSN ATH GENERAL OPERATNS ADMIN | 34,446.65 |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUPPORT FOR GENERAL OPERATIONS - ATHLETICS
(193-K302)
MSN ATH GENERAL OPERATNS ADMIN | 8,238.76 |
| 3. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MC CLAIN FACILITY DEBT SERVICE (193-0001)
MSN ATH GENERAL OPERATNS ADMIN | 187,374.52 |
| 4. | CONTINENTAL BANK
SCHULTE, HELEN D. TRUST
CHICAGO, IL
SCHULTE, HELEN DENNE--LOAN FUND
MSN HS-NUR (TRUST) | 11,895.72 |
| 5. | PROCTER & GAMBLE FUND
CINCINNATI, OH
DISCRETIONARY FUND-ELECTRICAL AND COMPUTER
ENGINEERING
MSN ENGR ELEC & COM ENGR ELEC&COMP (TRUST) | 2,500.00 |
| 6. | PROCTER & GAMBLE FUND
CINCINNATI, OH
CHEMICAL ENGINEERING DISCRETIONARY FUND
MSN ENGR CHEMICAL ENGR (TRUST) | 15,000.00 |
| 7. | PROCTER & GAMBLE FUND
CINCINNATI, OH
MECHANICAL ENGINEERING--DISCRETIONARY FUND
MSN ENGR MECHANICAL ENGR (TRUST) | 7,500.00 |
| 8. | PROCTER & GAMBLE FUND
CINCINNATI, OH
SCHOOL OF JOURNALISM--DISCRETIONARY FUND
MSN L&S JOURN & MASS COM (TRUST) | 2,500.00 |

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

9.	AT&T FOUNDATION HOLMDEL, NJ COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI	(TRUST)	355.00
10.	MULTIPLE DONORS MEDICAL MICROBIOLOGY--CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED MED MICROBIOLOGY	(TRUST)	30.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAWTON, BEN R. & RUTH M.--SCHOLARSHIP MSN HS-MED ACAD AFFAIRS EDUC&ACAD	(TRUST)	4,718.29
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CURTI, MERLE-ENDOWED CHAIR IN HISTORY MSN L&S HISTORY	(TRUST)	100.00
13.	VALLEY NATIONAL BANK OF ARIZONA LEACH, FREDERICK L. ESTATE PRESCOTT, AZ LEACH, FREDERICK--ELVEHJEM MUSEUM WATER COLOR ACQUISITIONS MSN L&S ELVJM MUSEUM ART	(TRUST)	2,136.10
14.	COHEN, CHRISTOPHER B. EXECUTOR COHEN, WILBUR J. ESTATE CHICAGO, IL COHEN, WILBUR J.--ARCHIVE PAPERS AT STATE HISTORICAL SOCIETY MSN G SERV ARCHIVES	(TRUST)	10,284.28
	PRINCIPAL AND INCOME WILL BE AVAILABLE TO DEVELOP AN INSTRUCTIONAL PROGRAM IN THE MEMORIAL LIBRARY WHICH WILL BENEFIT ALL ATHLETES IN THE ATHLETIC PROGRAM AND ENHANCE THEIR EDUCATIONAL EXPERIENCE. MSN LIBR ADMINISTRATION	(TRUST)	
16.	BARSCALL, H.H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(TRUST)	
	25.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	25.00 SHERFINSKI, JOHN M. WEST HARTFORD, CT		
	45.00 KAEHNY, MARK R. MILWAUKEE, WI		\$20.00
			25.00
			95.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

17.	RICHARDS, H.T.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(TRUST)	
	25.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	100.00 HARDIE, GERALD KALAMAZOO, MI		
	25.00 STECK, DANIEL COLLEGEVILLE, MN		
	125.00 HANSON, ALFRED O. URBANA, IL		\$ 25.00
			100.00
			275.00
18.	NATL HISTORICAL PUBL & RECORDS COMMISSION WASHINGTON, DC THE DOCUMENTARY HISTORY OF THE FIRST FEDERAL ELECTIONS, 1788-1790, VOLUME 3 FOR THE PERIOD 02-01-90 THROUGH 01-31-91 AWARD # 90-057 MSN GRAD U W PRESS	(144-X573)	8,070.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY MEDICINE AND PRACTICE MSN HS-MED FAM MED & PRACT	(133-A523)	63,572.00
20.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	76,440.10
21.	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)	1,887.66
22.	HOSPITAL SATELLITE NETWORK LOS ANGELES, CA DEVELOPMENT OF DIVISION OF PLASTIC SURGERY MSN HS-MED SURGERY DENT&P SRG	(133-B085)	500.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACOHISTORICAL WORK MSN HS-PHR PHARMACY	(133-C130)	1,400.00
24.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY	(133-C334)	51,231.57

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25.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-C796)	67,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN ODEL P SV-ARTS	(133-D560)	4,182.18
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS	(133-E941)	5,000.00
28.	WISCONSIN FORAGE COUNCIL, INC. MADISON, WI AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY	(133-E980)	4,800.00
29.	PROCTER & GAMBLE FUND CINCINNATI, OH MARKETING DEVELOPMENT MSN BUS SCH OF BUSINESS	(133-F512)	10,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MC BURNEY RESOURCE CENTER MSN G E A DEAN OF STUDENTS MCBURNEY	(133-F872)	332.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	4,648.00
32.	MULTIPLE DONORS DISCRETIONARY FUND FOR USE OS PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY	(133-G608)	35.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRANSFERS RELATED TO SCIENCE WRITER IN RESIDENCE PROGRAM MSN G SERV OFFC-PUBLIC INFO PB&MEDIA R	(133-G613)	16,335.00
34.	PROCTER & GAMBLE FUND CINCINNATI, OH DEAN'S DISCRETIONARY ACCOUNT - FINANCE MSN BUS SCH OF BUSINESS	(133-J187)	2,500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CORLISS LAMONT PEACE STUDIES MSN G E A INTL STU & PROGS	(133-J479)	15,000.00

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36.	INTERNATIONAL SOLAR ENERGY SOCIETY EDITORIAL OPERATION OF JOURNAL OF SOLAR ENERGY MSN ENGR ENGR EXPER STA SOLAR ENRG (133-J634)	23,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)	1,000.00
38.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	1,000.00
39.	MEDICAL PHYSICS FOUNDATION, INC. MADISON, WI MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS (133-J847)	4,286.32
40.	NESTLE INFANT FORMULA AUDIT COMMISSION WASHINGTON, DC CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS (133-J859)	1,000.00
41.	AMERICAN ECONOMIC ASSOCIATION PRINCETON, NJ COSTS OF EDITING "AMERICAN ECONOMIC REVIEW" MSN L&S INST-RES ON POV (133-K129)	4,557.70
42.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201)	330.00
43.	MULTIPLE DONORS DISCRETIONARY ACCOUNT FOR LANDSCAPE DESIGN MSN AG&LSC NR-LANDSCAP ARCH (133-K394)	50.00
44.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	577.30
45.	MULTIPLE DONORS WISCONSIN STUDENT PLANNING ASSOCIATION - LIBRARY FUND MSN L&S URBAN & REG PLAN (133-K866)	20.00
46.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995)	70.00
47.	POULTRY SCIENCE ASSOCIATION 1989 HOST COMMITTEE MADISON, WI DEPARTMENTAL DISCRETIONARY FUND MSN AG&LSC POULTRY SCIENCE (133-L097)	1,830.00

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48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	2,810.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR LIMNOLOGY DISCRETIONARY FUND MSN L&S LIMNOLOGY CTR	(133-L491)	1,000.00
50.	MERCK SHARP AND DOHME WEST POINT, PA UROLOGY CONFERENCE FUND MSN HS-MED SURGERY UROLOGY	(133-L616)	1,425.00
51.	HERSHEY FOODS CORPORATION HERSHEY, PA HERSHEY FILM MSN AG&LSC FOOD SCIENCE	(133-L838)	13,000.00
52.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	1,614.33
53.	PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	
	7,175.00 UNIVERSITY RADIOLOGY & NUCLEAR MEDICINE ASSOCIATES MADISON, WI		
	7,300.00 UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI		
			14,475.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	1,500.00
55.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	5,585.46
56.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-M860)	680.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NETHERLANDIC STUDIES SYMPOSIUM MSN L&S GERMAN	(133-M895)	600.00

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58.	AMERICAN SOCIETY FOR AESTHETICS EDMONTON, ALBERTA, CANADA EDITORIAL EQUIPMENT AND EXPENSES FOR PRODUCTION OF "JOURNAL OF AESTHETICS AND ART CRITICISM" MSN L&S PHILOSOPHY (133-N037)	400.00
59.	HISTORY OF SCIENCE SOCIETY EAST MORICHES, NY SUPPORT OF ISIS EDITORIAL OFFICE MSN HS-MED HIST OF MEDICINE HIST OF MD (133-N320)	480.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN (133-N411)	385.00
61.	COMPANY OF BIOLOGISTS LIMITED CAMBRIDGE, UNITED KINGDOM JOURNAL OF CELL SCIENCE, AMERICAN EDITOR MSN GRAD MOLECULAR BIOL (133-N517)	6,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S THEATRE & DRAMA (133-N623)	921.96
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED (133-N666)	600,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED (133-N667)	10,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-N668)	10,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED (133-N669)	20,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL RESEARCH MODULE MSN HS-MED (133-N672)	150,000.00
68.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS (133-N911)	1,450.00

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69.	GERMAN MARSHALL FUND OF THE UNITED STATES WASHINGTON, DC DAAD/MONATSHEFTE DIRECTORY OF GERMAN DEPARTMENTS, FACULTIES, AND PROGRAMS IN THE UNITED STATES MSN L&S GERMAN (133-P192)	1,000.00
70.	REIMBURSE EXPENSES FOR EDITORIAL OFFICE MSN HS-MED PHYSIOLOGY (133-P308)	
	500.00 VCH PUBLISHERS, INC. DEERFIELD BEACH, FL	
	500.00 JAI PRESS, INC. GREENWICH, CT	
		1,000.00
71.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI PERIPHERAL VASCULAR CLINIC EXPENSE ACCOUNT MSN HS-MED SURGERY GEN SURG (133-P642)	40,000.00
72.	MULTIPLE DONORS DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION MSN L&S HISTORY (133-P813)	100.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S ELVJM MUSEUM ART (133-P918)	700.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LENOR ZEEH COMPUTER LABORATORY FUND MSN HS-PHR PHARMACY (133-Q089)	90,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. AND MRS. THOMAS A. LEONARD PROFESSORSHIP MSN HS-MED OBSTET & GYNECOL (133-Q324)	750.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY USE IN THE ROTC PROGRAM MSN OFCR E GENERAL (133-Q482)	25.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIRONMENTAL STUDIES PROGRAM SUPPORT MSN ENV ST (133-Q491)	
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBERT M. GROSS PHARMACEUTICAL EDUCATION FUND MSN HS-PHR PHARMACY (133-Q493)	2,000.00

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79.	HONEYWELL INCORPORATED MINNEAPOLIS, MN DISCRETIONARY FUND FOR SILICON MICROSTRUCTURE SENSOR RESEARCH MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q520)	25,000.00
80.	ASSOCIATION OF COLLEGIATE SCHOOLS OF PLANNING CAMBRIDGE, MA EDITING OF VOLUME 7 OF ACSP GRADUATE GUIDE MSN L&S URBAN & REG PLAN (133-Q528)	8,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRITTINGHAM PROJECT - SUPPORT FUNDS FOR ARTSEARCH SELF-STUDY MODULES MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-Q540)	10,000.00
82.	EXXON CORPORATION ANNANDALE, NJ DISCRETIONARY RESEARCH GIFT MSN L&S CHEMISTRY (133-Q566)	5,000.00
83.	UNIVERSITY OF WISCONSIN STUDENT ORGANIZATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	1,600.00
84.	MULTIPLE DONORS SUPPORT MEDICAL SCHOOL PROGRAMS MSN HS-MED (133-2345)	180.00
85.	CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-3236)	
	1,000.00 DOW CORNING CORPORATION MIDLAND, MI	
	30,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		31,000.00
86.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	500.00 SIEMANS-BENDIX AUTOMOTIVE ELECTRONICS, LP NEWPORT NEWS, VA	
	75.00 MULTIPLE DONORS	
	17,270.50 WASHINGTON UNIVERSITY ST. LOUIS, MO	
		17,845.50
87.	MULTIPLE DONORS SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-6225)	180.00

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88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH (133-7849)	3,500.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN GRAD ARBORETUM (133-7854)	50.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NUTRITIONAL SCIENCES GENERAL PURPOSE FUND MSN AG&LSC NUTRITIONAL SCI (133-9610)	642.00

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 04-01-90 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 03-01-90 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 03-01-90 AWARD # 5-5-00677-0 MSN UNIT-W DEBT SV AC BLDGS (144-J408)	4,779.00

RESEARCH

1.	ELI LILLY AND COMPANY INDIANAPOLIS, IN MATERIAL TRANSFER AGREEMENT MSN HS-PHR PHARMACY	
2.	GENENTECH SOUTH SAN FRANCISCO, CA MATERIAL TRANSFER AGREEMENT MSN L&S ZOOLOGY	
3.	ERC BIOSERVICES CORPORATION ROCKVILLE, MD MATERIAL TRANSFER AGREEMENT MSN HS-MED ONCOLOGY	

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4.	CETUS CORPORATION EMERYVILLE, CA MATERIAL TRANSFER AGREEMENT MSN HS-MED ONCOLOGY		
5.	MADISON (CITY OF) DEPARTMENT OF PUBLIC HEALTH MADISON, WI AGREEMENT TO SUPPORT BLUE BUS CLINIC MSN HS-UHS HEALTH SVC-BBC		
6.	FUNDACION AGROPECUARIA DEL AUSTR0 CHUENCA, ECUADOR COLLABORATIVE AGREEMENT BETWEEN THE UNIVERSITY OF WISCONSIN-MADISON AND THE FUNDACION AGROPECUARIA DEL AUSTR0 MSN AG&LSC INTL AG PRGS-ADM		
7.	COLLINS, HORACE--LEUKEMIA RESEARCH MSN HS-MED MEDICINE HEMATOLOGY (TRUST)		
	45.00 MULTIPLE DONORS		
	500.00 UPJOHN COMPANY		
	KALAMAZOO, MI		
	1,000.00 HEITMAN, ROBERT		
	GRAND MARSH, WI		
			1,545.00
8.	ALF CHRISTIANSON SEED COMPANY MT VERNON, WA HORTICULTURE DEPARTMENT--BEET BREEDING MSN AG&LSC HORTICULTURE (TRUST)		2,255.88
9.	UNIVERSITY OF ILLINOIS DEPARTMENT OF PLANT PATHOLOGY--DISEASE MGMT. OF BACTERIAL BROWN SPOT MSN AG&LSC PLANT PATHOLOGY (TRUST)		100.00
10.	ENCYCLOPAEDIA BRITANNICA, INC. CHICAGO, IL SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF (TRUST)		132.18
11.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY (TRUST)		
	625.00 MULTIPLE DONORS	\$ 25.00	
	CATTANACH, R. DALE & ALICE	100.00	
	MADISON, WI		
	BLAKE, HARRY & CLARA	500.00	
	MAURICETOWN, NJ		
	153.00 ELBA TOWNSHIP		
	COLUMBUS, WI		
	800.00 AMERICAN CANCER SOCIETY		
	ATLANTA, GA		
			1,578.00

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12.	MULTIPLE DONORS WOOLSEY, C.N.--LECTURES MSN HS-MED NEUROPHYSIOLOGY	(TRUST)	400.00
13.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED CANCER CTR	(TRUST)	90.35-
14.	MEILAHN, FLORENCE ESTATE WATERTOWN, WI MEILAHN, FLORENCE--CANCER RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	(TRUST)	68,785.17
15.	AGRICULTURE, DEPT OF MINNEAPOLIS, MN IN SUPPORT OF THE FOLLOWING:		
1)	SUPPORT OF AGRICULTURAL RESEARCH OF MUTUAL INTEREST FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AT A TOTAL COST OF \$1,081,151.00 AWARD # 58-5114-2003, MOD. 4 MSN AG&LSC ADMIN-DEAN & DIR	(144-AQ08)	4,615.00
2)	SUPPORT OF AGRICULTURAL RESEARCH OF MUTUAL INTEREST FOR THE PERIOD 02-26-90 THROUGH 09-30-90 AT A TOTAL COST OF \$366,996.00 AWARD # 58-5114-7-2003, MOD. 3 MSN AG&LSC U S DAIRY FORAGE	(144-BG07)	6,996.00
16.	MICHIGAN STATE UNIVERSITY EAST LANSING, MI PRIME CONTRACTOR WITH AGRIC WALLEYE-AQUACULTURE CENTER FOR THE PERIOD 05-01-89 THROUGH 04-30-91 AT A TOTAL COST OF \$38,556.00 AWARD # 71-2252E, MOD. 1 MSN AG&LSC FOOD SCIENCE	(144-BD04)	20,196.00
17.	AGRIC, FOREST SERVICE MADISON, WI IN SUPPORT OF THE FOLLOWING:		
1)	AUTOMOTIVE TRIM PROJECT FOR THE PERIOD 06-02-89 THROUGH 05-31-90 AT A TOTAL COST OF \$14,500.00 AWARD # FP-89-1212, MOD. 1 MSN AG&LSC N RSRCS-FORESTRY	(144-BA90)	4,500.00
2)	PROPERTY OF ENHANCED COMPOSITES FROM BAGASSE FOR THE PERIOD 01-15-90 THROUGH 07-31-91 AWARD # FP-90-1326 MSN AG&LSC N RSRCS-FORESTRY	(144-BM24)	23,680.00

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- 3) PHOTOMECHANICAL ANALYSIS OF PAPER FORMATION
FOR THE PERIOD 01-15-90 THROUGH 03-31-91
AWARD # FP-90-1302
MSN ENGR ENGR EXPER STA STRUCT&M T (144-BM35) 2,500.00
18. AGRIC, FOREST SERVICE
ST PAUL, MN
FACTORS AFFECTING THE AESTHETIC EXPERIENCE OF
FOREST ENVIRONMENT
FOR THE PERIOD 04-04-88 THROUGH 06-30-91
AT A TOTAL COST OF \$21,696.00
AWARD # 23-88-04, MOD. 1
MSN AG&LSC NR-LANDSCAP ARCH (144-AG10) 1,500.00
19. MICHIGAN STATE UNIVERSITY
EAST LANSING, MI
PRIME CONTRACTOR WITH AID
WOMEN IN DEVELOPMENT TECHNICAL ASSISTANCE PROGRAM
FOR THE PERIOD 09-01-88 THROUGH 02-15-90
AT A TOTAL COST OF \$35,893.42
AWARD # AGR DTD 03/01/90, MOD. 4
MSN AG&LSC INTL AG PRGS-ADM (144-AQ03) 5,738.04
20. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
PROVIDE A COMPREHENSIVE REVIEW OF MULTIPURPOSE
LAND INFORMATION SYSTEM (MPLIS) GUIDEBOOK
MATERIALS
FOR THE PERIOD 12-01-89 THROUGH 10-01-90
AWARD # 40AANCOO0826
MSN AG&LSC NR-LANDSCAP ARCH (144-BM32) 4,000.00
21. EDUCATION, DEPT OF
WASHINGTON, DC
REHABILITATION ENGINEERING CENTER ON ACCESS TO
COMPUTERS AND ELECTRONIC EQUIPMENT
FOR THE PERIOD 02-01-90 THROUGH 01-31-91
AWARD # H133E80021-90
MSN GRAD WAISMAN CENTER (144-BK68) 700,000.00
22. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) PSYCHOSOCIAL RISK FACTORS FOR DEPRESSION
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$198,176.00
AWARD # 5 R29 MH43022-04, MOD. 1
MSN GRAD INST-AGING&ADULT (144-AU20) 104,733.00
- 2) LONG TERM COMMUNITY TREATMENT OF YOUNG
SCHIZOPHRENICS
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$438,647.00
AWARD # 5 RO1 MH40886-05, MOD. 1
MSN L&S SOCIAL WORK (144-AU59) 216,647.00

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- 3) ROLE OF PHOSPHATIDYLETHANOL SYNTHESIS IN ALCOHOLISM
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$334,150.00
AWARD # 5 RO1 AA07849-02, MOD. 2
MSN HS-MED ONCOLOGY (144-AX20) 166,065.00
23. DHHS, PHS, CENTER FOR DISEASE CONTROL
HYATTSVILLE, MD
ASSESSMENT OF RETINAL STATUS THROUGH FUNDUS PHOTOGRAPHY
FOR THE PERIOD 11-21-88 THROUGH 11-21-90
AT A TOTAL COST OF \$195,073.00
AWARD # CONTRACT #200-89-7004, MOD. 2
MSN HS-MED OPHTHALMOLOGY (144-AS75) 97,482.00
24. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
PARENT-INFANT DEVELOPMENT PROGRAM
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # PROJECT NO. I-1028
MSN HS-PSY PSYCHIATRIC INST (144-BK25) 80,724.00
25. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS HRSA
ADOLESCENT PREGNANCY/PARENTING AND INFANT HEALTH PROJECT
FOR THE PERIOD 02-12-90 THROUGH 12-31-90
AWARD # P.O. #FAJ 24287
MSN HS-MED FAM MED & PRACT RESRCH DIV (144-BM23) 8,233.00
26. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) RADIATION IN VITRO - MAMMARY NEOPLASIA
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$465,382.00
AWARD # 5 R37 CA13881-18, MOD. 2
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AR63) 2,796.00
- 2) SYNAPTIC ORGANIZATION IN THE SUPERIOR COLLICULUS
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$174,668.00
AWARD # 5 RO1 EYO4478-08, MOD. 2
MSN VET M CMPARTV BIOSCI'S (144-AS20) 2,938.00
- 3) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$333,325.00
AWARD # 5 RO1 EYO1331-15, MOD. 2
MSN HS-MED OPHTHALMOLOGY (144-AS28) 5,652.00

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|---|------------|-----------|
| 4) MECHANISM AND CONTROL OF MICROTUBULE ASSEMBLY
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$518,129.00
AWARD # 5 R37 GM25062-12, MOD. 2
MSN GRAD MOLECULAR BIOL | (144-AS44) | 4,028.00 |
| 5) RADIATION DOSE CALCULATION USING CONVOLUTION
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$164,640.00
AWARD # 5 R29 CA48902-02, MOD. 2
MSN HS-MED MEDICAL PHYSICS | (144-AS70) | 1,674.00 |
| 6) INHIBITION OF ORNITHINE DECARBOXYLASE
BY RETINOIC ACID
FOR THE PERIOD 12-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$269,375.00
AWARD # 5 R01 CA42585-04, MOD. 2
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL | (144-AS86) | 492.00 |
| 7) CYTOTOXIC MACROCYCLE: CYTOCHALASIN, PYRROLIZIDINE
ANALOGS
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$444,906.00
AWARD # 5 R01 CA17918-16, MOD. 2
MSN L&S CHEMISTRY | (144-AS96) | 3,865.00 |
| 8) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC
MYCOTOXIN
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$180,746.00
AWARD # 5 R01 CA15064-18, MOD. 2
MSN AG&LSC FOOD MICRO&TOXIC | (144-AS98) | 1,921.00 |
| 9) CARCINOGEN-TRANSFORMED HUMAN CELLS:
GENETIC TRAITS
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$338,657.00
AWARD # 5 R37 CA42024-06, MOD. 2
MSN HS-MED ONCOLOGY | (144-AT27) | 610.00 |
| 10) BIOLOGICAL AND MOLECULAR STUDIES
OF A-MULV TUMORIGENESIS
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$242,233.00
AWARD # 5 R01 CA41302-05, MOD. 2
MSN HS-MED ONCOLOGY | (144-AT30) | 13,909.00 |
| 11) MYOSIN ISOENZYMES AND CONTRACTION IN DEVELOPING
MUSCLES
FOR THE PERIOD 01-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$272,453.00
AWARD # 5 R01 AR31806-08, MOD. 2
MSN HS-MED PHYSIOLOGY | (144-AT58) | 4,827.00 |
| 12) TRANSFORMATION IN VITRO OF HUMAN
UROEPITHELIAL CELLS
FOR THE PERIOD 02-01-89 THROUGH 01-31-91
AT A TOTAL COST OF \$364,474.00
AWARD # 5 R01 CA29525-10, MOD. 2
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL | (144-AT60) | 581.00 |

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|---|------------|------------|
| 13) NONPARAMETRIC STATISTICAL METHODS IN
CANCER RESEARCH
FOR THE PERIOD 02-01-89 THROUGH 01-31-91
AT A TOTAL COST OF \$97,792.00
AWARD # 5 R01 CA45544-04, MOD. 2
MSN HS-MED BIOSTAT | (144-AT61) | 177.00 |
| 14) A CHARACTERIZATION OF BACULOVIRUS EARLY
GENE EXPRESSION
FOR THE PERIOD 02-01-89 THROUGH 01-31-91
AT A TOTAL COST OF \$202,473.00
AWARD # 5 R29 AI25557-03, MOD. 1
MSN GRAD INST MOL VIR INST MOL V | (144-AT98) | 103,276.00 |
| 15) REGULATION OF EOSINOPHILOPOIESIS IN
PARASITIC INFECTION
FOR THE PERIOD 02-01-89 THROUGH 01-31-91
AT A TOTAL COST OF \$146,131.00
AWARD # 5 R29 AI24432-03, MOD. 2
MSN VET M PATHOBIOLOG SCI | (144-AU02) | 1,440.00 |
| 16) SWALLOWING AND SPEECH AFTER STROKE
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$292,908.00
AWARD # 5 R01 NS24427-04, MOD. 1
MSN HS-MED NEUROLOGY | (144-AU19) | 162,498.00 |
| 17) ROLE OF NUCLEOPROTEIN STRUCTURES
IN GENOME DUPLICATION
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$290,386.00
AWARD # 5 R01 GM40314-02, MOD. 1
MSN AG&LSC BACTERIOLOGY | (144-AU30) | 139,194.00 |
| 18) GENETIC SPECIFICATION OF NEMATODE MUSCLE
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$240,267.00
AWARD # 5 R01 GM30132-08, MOD. 1
MSN AG&LSC GENETICS | (144-AU39) | 128,443.00 |
| 19) STUDY OF DIABETIC RETINOPATHY
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$920,899.00
AWARD # 5 R01 EY00300-25, MOD. 1
MSN HS-MED OPHTHALMOLOGY | (144-AU41) | 462,163.00 |
| 20) X-RAY STUDIES ON NUCLEIC ACID CONSTITUENTS
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$265,588.00
AWARD # 5 R01 GM17378-21, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AU42) | 135,953.00 |
| 21) CRYSTALLOGRAPHIC STUDIES OF TROPONIN C
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$216,680.00
AWARD # 5 R01 AR34139-06, MOD. 2
MSN AG&LSC BIOCHEMISTRY | (144-AU51) | 103,735.00 |

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- 22) APOLIPOPROTEIN-R MUTATION AND PLASMA LIPID
LEVELS IN PIGS
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$128,938.00
AWARD # 5 RO1 HL39774-03, MOD. 1
MSN AG&LSC MEAT& ANIMAL SCI (144-AU67) 60,192.00
- 23) CYTOTOXIC T LYMPHOCYTES IN INFLUENZA VIRUS
EVOLUTION
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$180,249.00
AWARD # 5 R29 AI24902-03, MOD. 1
MSN VET M PATHOBIOLOG SCI (144-AW96) 98,825.00
- 24) CHARACTERIZATION OF TRANSCRIPTIONALLY
REGULATED GENES
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$355,113.00
AWARD # 5 RO1 GM27870-11, MOD. 2
MSN HS-MED PHYSIOLOG CHEM (144-AX10) 179,501.00
- 25) GENETIC STUDIES OF OCULOCUTANEOUS ALBINISM
FOR THE PERIOD 03-01-89 THROUGH 02-28-91
AT A TOTAL COST OF \$260,272.00
AWARD # 5 RO1 AR39892-02, MOD. 1
MSN HS-MED GENETICS (144-AX19) 139,653.00
- 26) SYNTHESIS OF HORMONAL, ANTIBIOTIC AND
ANTIFUNGAL AGENTS
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$340,476.00
AWARD # 5 RO1 GM28321-09, MOD. 2
MSN L&S CHEMISTRY (144-AX23) 172,058.00
- 27) GENETIC ANALYSIS OF NEMATODE DEVELOPMENT
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$333,027.00
AWARD # 5 RO1 GM31816-08, MOD. 2
MSN GRAD MOLECULAR BIOL (144-AX32) 171,549.00
- 28) DESIGN AND SYNTHESIS OF CYSTEINE PROTEINASE
INHIBITORS
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$233,868.00
AWARD # 5 RO1 GM40092-03, MOD. 2
MSN HS-PHR PHARMACY (144-AX56) 117,991.00
- 29) STUDIES IN ORGAN PRESERVATION
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$570,358.00
AWARD # 5 R37 DK18624-15, MOD. 1
MSN HS-MED SURGERY GEN SURG (144-AX59) 288,360.00
- 30) DEVELOPMENTAL STUDIES ON THE MOTOR SYSTEM
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$402,991.00
AWARD # 5 RO1 NS14428-13, MOD. 1
MSN HS-MED ANATOMY (144-AX66) 211,651.00

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- 31) EYE MOVEMENTS AND VISION
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AT A TOTAL COST OF \$135,734.00
AWARD # 3 R01 EYO7707-02S1, MOD. 2
MSN GRAD WAISMAN CENTER (144-BD28) 132.00
- 32) INTEGRATED MICROSCOPY RESOURCE FOR
BIOMEDICAL RESEARCH
FOR THE PERIOD 12-07-89 THROUGH 11-30-90
AT A TOTAL COST OF \$437,463.00
AWARD # 2 P41 RRO0570-20, MOD. 1
MSN GRAD MOLECULAR BIOL (144-BJ84) 58,604.00
- 33) INFANT CHILD CARE AND FAMILY PROCESSES
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # 5 U10 HD27040-02
MSN EDUC WIS CTR EDUC RES (144-BK22) 231,814.00
- 34) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD: PHYSIOLOGY
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # 5 F32 HLO7786-02
MSN HS-MED PHYSIOLOGY (144-BK70) 28,000.00
- 35) CENTRAL VEIN OCCLUSION STUDY - PARTICIPATING
CENTER
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 5 UO1 EYO6752-03
MSN HS-MED OPHTHALMOLOGY (144-BL19) 125,679.00
- 36) ERG - CENTRAL VEIN OCCLUSION STUDY -
READING CENTER
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 5 UO1 EYO7525-03
MSN HS-MED OPHTHALMOLOGY (144-BL21) 69,617.00
- 37) CANCER CENTER SUPPORT AT THE MCARDLE LABORATORY
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 5 P30 CAO7175-27
MSN HS-MED ONCOLOGY (144-BL24) 1,152,000.00
- 38) NATIONAL BIOMEDICAL NMR RESOURCE AT MADISON
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 P41 RRO2301-06
MSN AG&LSC BIOCHEMISTRY (144-BL29) 434,290.00
- 39) NICHD POPULATION RESEARCH CORE GRANT -
ADMINISTRATION
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 5 P30 HDO5876-20
MSN L&S SOCIOLOGY (144-BL34) 1,076,772.00
- 40) RESEARCH PROGRAM ON THE NEURAL BASIS OF HEARING
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 5 PO1 DCO0116-15
MSN HS-MED NEUROPHYSIOLOGY (144-BM25) 1,457,872.00

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- 41) MULTIDRUG RESISTANCE: TRANSCRIPTION OF THE
MDRL GENE
FOR THE PERIOD 04-01-90 THROUGH 03-31-91
AWARD # 1 R29 CA51728-01
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-BM26) 69,916.00
- 42) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 SO3 RRO3383-05
MSN HS-NUR (144-BM46) 4,500.00
- 43) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 SO3 RRO3184-10
MSN HS-MED (144-BM49) 7,500.00
- 44) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 SO3 RRO3466-04
MSN VET M ADM-RES& GRAD TR ADM-RES&GR (144-BM50) 7,500.00
- 45) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 SO3 RRO3182-10
MSN GRAD (144-BM51) 6,000.00
- 46) MINORITY HIGH SCHOOL STUDENT RESEARCH
APPRENTICE PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 SO3 RRO3183-09
MSN HS-PHR PHARMACY (144-BM52) 6,000.00
- 47) INTERNATIONAL RESEARCH FELLOWSHIP: MICROBIOLOGY
FOR THE PERIOD 02-23-90 THROUGH 02-22-91
AWARD # 1 FO5 TWO4211-01
MSN AG&LSC BACTERIOLOGY (144-BM64) 27,800.00
27. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
RESEARCH TRIANGLE PARK, NC
DROSOPHILA MUTAGENESIS TESTING
FOR THE PERIOD 09-30-87 THROUGH 09-29-91
AT A TOTAL COST OF \$510,696.00
AWARD # NO1-ES-75182, MOD. 4
MSN L&S ZOOLOGY (144-AA28) 138,244.00
28. ROCKY MOUNTAIN LABORATORIES
HAMILTON, MT
PRIME CONTRACTOR WITH DHHS PHS NIH
MATERIALS TRANSFER AGREEMENT FOR AN INDEFINITE
TIME PERIOD
AWARD # LPVD-16
MSN HS-MED ONCOLOGY

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29. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS NIH
HEALTHY FOR LIFE PROJECT
FOR THE PERIOD 02-07-90 THROUGH 08-07-90
AWARD # AGR DTD 02/21/90
MSN HS-ADM ADMINISTRATION HLTH POLCY (144-BM33) 20,194.00
30. UNIVERSITY OF MINNESOTA
ST. PAUL, MN
PRIME CONTRACTOR WITH DHHS PHS NIH
ESTROGEN CARCINOGENESIS AND HORMONE DEPENDENT
TUMORS
FOR THE PERIOD 12-01-89 THROUGH 05-31-90
AWARD # PO#G102237
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-BJ73) 20,187.00
31. EBASCO
NEW YORK, NY
PRIME CONTRACTOR WITH DOD
SUPERCONDUCTIVE MAGNETIC ENERGY STORAGE
ENGINEERING TEST MODEL DEVELOPMENT PROGRAM
FOR THE PERIOD 12-03-87 THROUGH 06-02-90
AT A TOTAL COST OF \$3,150,000.00
AWARD # 00274, MOD. 6
MSN ENGR ENGR EXPR STA SUPERCOND (144-AC87) 325,000.00
32. DOD, AIR FORCE
BOLLING AFB, DC
COMPUTATION AND COMMUNICATION CONSTRAINTS FOR
DISTRIBUTED ESTIMATION SYSTEMS
FOR THE PERIOD 05-01-90 THROUGH 04-30-91
AWARD # AFOSR-90-0181
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BM59) 21,500.00
33. DOD, AIR FORCE
HANSCOM AFB, MA
STATISTICS ON CLOUD COVER
FOR THE PERIOD 03-14-89 THROUGH 11-14-90
AT A TOTAL COST OF \$166,430.00
AWARD # F19628-89-K-0031, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-AX51) 50,000.00
34. MIT-LINCOLN LABORATORY
LEXINGTON, MA
PRIME CONTRACTOR WITH DOD AF
CONSTRUCT AN AUTOMATED SYSTEM TO SUPPORT ASR-9
SITE ADAPTATION, EVALUATION AND OPTIMIZATION
FOR THE PERIOD 10-10-89 THROUGH 09-30-90
AT A TOTAL COST OF \$717,724.00
AWARD # BX-3444, MOD. 4
MSN GRAD SPACE SCI&ENG CT (144-BJ54) 42,209.00
35. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:

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- 1) SYSTEMS OF EVOLUTION EQUATIONS IN
THERMOCHEMICAL EQUATIONS
FOR THE PERIOD 09-01-88 THROUGH 08-31-91
AT A TOTAL COST OF \$47,098.00
AWARD # DAAL03-88-K-0185, MOD. 2
MSN L&S CTR MATH SCI (144-AN34) 17,364.00
- 2) REDUCING DATA DIMENSION TO LOWER SIGNAL
COMPUTATIONAL REQUIREMENTS AND MAXIMIZE
PERFORMANCE
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AT A TOTAL COST OF \$151,279.00
AWARD # DAAL03-89-K-0141, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BF16) 78,600.00
- 3) COMPETITIVE TRADEOFF MODELING: METHODOLOGY,
COMPUTATION AND TESTING
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AT A TOTAL COST OF \$120,862.00
AWARD # DAAL03-89-K-0149, MOD. 1
MSN ENGR INDUSTRIAL ENGR (144-BF40) 62,408.00
- 4) SOLIDIFICATION STRUCTURE SYNTHESIS IN
UNDERCOOLED LIQUIDS
FOR THE PERIOD 02-15-90 THROUGH 02-14-91
AWARD # DAAL03-90-G-0042
MSN ENGR MAT SCI & ENGR (144-BL40) 100,000.00
- 5) SOME PROBLEMS IN NONLINEAR ANALYSIS
FOR THE PERIOD 05-23-90 THROUGH 05-22-91
AWARD # DAAL03-90-G-0086
MSN L&S CTR MATH SCI (144-BM77) 30,000.00
- 6) CENTER FOR ADVANCED PROPULSION SYSTEMS-
OPERATING PORTION
FOR THE PERIOD 10-01-86 THROUGH 11-30-90
AT A TOTAL COST OF \$5,211,764.00
AWARD # DAAL03-86-K-0174, MOD. 8
MSN ENGR ENGR EXPER STA I COMBUSTN (144-Y670) 25,928.00
36. DOD, NAVY
ARLINGTON, VA
AN ACOUSTICAL STUDY OF NEKTON AND ZOOPLANKTON AT
WATER TYPE BOUNDARIES AND FRONTS IN THE OCEANS
FOR THE PERIOD 10-01-88 THROUGH 02-28-90
AT A TOTAL COST OF \$154,071.00
AWARD # NO0014-89-J-1485, MOD. 1
MSN L&S LIMNOLOGY CTR (144-AQ86) 20,000.00
37. UNIVERSITY OF CALIFORNIA -
SANTA BARBARA
SANTA BARBARA, CA
PRIME CONTRACTOR WITH DOD NAVY
THE PROCESSING AND MECHANICAL PROPERTIES OF HIGH
PERFORMANCE MATERIALS
FOR THE PERIOD 09-15-86 THROUGH 12-31-89
AT A TOTAL COST OF \$803,098.00
AWARD # P. O. #VB38640-0, MOD. 4
MSN ENGR MAT SCI & ENGR (144-Y647) 68,750.00

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38. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) FUSION REACTOR DESIGN STUDIES
FOR THE PERIOD 11-01-89 THROUGH 10-31-90
AT A TOTAL COST OF \$85,000.00
AWARD # DE-FGO2-89ER52158, MOD. 2
MSN ENGR ENGR EXPER STA FUSION TEC (144-BJ15) 35,000.00
 - 2) SPECTROSCOPY, REACTION AND PHOTODISSOCIATION
IN HIGHLY VIBRATIONALLY EXCITED MOLECULES
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # DE-FGO2-86ER13500
MSN L&S CHEMISTRY (144-BK08) 82,413.00
 - 3) FAST NEUTRON DOSIMETRY
(REDUCTION DUE TO GRAMM-RUDMAN HOLLINGS ACT)
FOR THE PERIOD 02-01-90 THROUGH 01-31-91
AT A TOTAL COST OF \$101,558.00
AWARD # DE-FGO2-86ER60417, MOD. 1
MSN HS-MED MEDICAL PHYSICS (144-BL12) 1,442.00-
 - 4) FLUID DYNAMICS OF SUPERCRITICAL HELIUM WITHIN
INTERNALLY COOLED CABLED SUPERCONDUCTORS
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # DE-FGO2-88ER52149
MSN ENGR NUC ENGR&E PHYSC (144-BL27) 55,000.00
 - 5) INTERPHASE TRANSPORT AND MULTISTAGE SEPARATION
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # DE-FGO2-84ER13291
MSN ENGR CHEMICAL ENGR (144-BM30) 92,800.00
 - 6) DEVELOPMENT OF A HYDROGEN AND DEUTERIUM
POLARIZED GAS TARGET FOR APPLICATION IN
STORAGE RINGS
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # DE-FGO2-88ER40438
MSN L&S PHYSICS (144-BM34) 121,000.00
39. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
LIGHT ION BEAM CHANNEL ANALYSIS
FOR THE PERIOD 03-28-88 THROUGH 12-31-90
AT A TOTAL COST OF \$480,444.00
AWARD # P.O. #55-6876, MOD. 5
MSN ENGR NUC ENGR&E PHYSC (144-AG12) 175,000.00
40. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
LIGHT ION BEAM REACTOR (LIBRA) CONCEPTUAL
DESIGN STUDY
FOR THE PERIOD 03-05-90 THROUGH 03-04-92
AWARD # CONTRACT # 66-1645
MSN ENGR ENGR EXPER STA FUSION TEC (144-BM45) 25,000.00

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41. WISCONSIN ENERGY BUREAU
MADISON, WI
PRIME CONTRACTOR WITH DOE
ENERGY ANALYSIS OF OIL OVERCHARGE EXPENDITURES
FOR THE PERIOD 02-19-90 THROUGH 06-30-90
AWARD # CONTRACT #80063
MSN ENV ST ENVIR POLICY ST (144-BK89) 5,750.00
42. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
PATTERNS IN FISH ASSEMBLAGES ASSOCIATED WITH
DISTURBED AND UNDISTURBED NEARSHORE HABITATS
IN GREEN BAY, LAKE MICHIGAN
FOR THE PERIOD 02-12-90 THROUGH 02-11-92
AWARD # CR-816696-01-0
MSN L&S LIMNOLOGY CTR (144-BM29) 50,000.00
43. INTERIOR, DEPT OF
OMAHA, NE
GREAT LAKES COOPERATIVE PARK STUDIES UNIT
FOR THE PERIOD 01-01-90 THROUGH 09-30-90
AWARD # CA6000-0-8005
MSN ENV ST CPSU (144-BM38) 18,328.00
44. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
MEMORANDUM OF UNDERSTANDING FOR DIAGNOSIS,
TRAINING, AND RESEARCH ON WILDLIFE DISEASES
FOR THE PERIOD 03-08-90 THROUGH 12-31-94
AWARD # 14-16-0009-90-921
MSN AG&LSC RESEARCH DIV
45. MCDONNELL DOUGLAS
HUNTINGTON BEACH, CA
PRIME CONTRACTOR WITH NASA
PHASE B SYSTEM DEFINITION STUDY OF THE 1.8 METER
CENTRIFUGE FACILITY
FOR THE PERIOD 02-20-90 THROUGH 05-30-90
AWARD # LTR CONTRACT#96716074
MSN ENGR ENGR EXPR STA SPAC COMM (144-BM39) 10,000.00
46. CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CA
PRIME CONTRACTOR WITH NASA
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE
FOR THE PERIOD 01-01-84 THROUGH 05-31-90
AT A TOTAL COST OF \$480,000.00
AWARD # 65B-580912, MOD. 28
MSN L&S SPACE ASTRON LAB (144-U151) 20,000.00
47. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 09-30-90
AT A TOTAL COST OF \$11,321,195.00
AWARD # NAS5-24487, MOD. 61
MSN GRAD SPACE SCI&ENG CT (144-L324) 155,000.00

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- 2) HIGH SPEED PHOTOMETER GTO SUPPORT.
FOR THE PERIOD 05-01-86 THROUGH 05-31-90
AT A TOTAL COST OF \$1,014,000.00
AWARD # NAS5-29448, MOD. 8
MSN L&S SPACE ASTRON LAB (144-X910) 656,000.00
48. NASA, HEADQUARTERS
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) DIRECTIONAL RADIANCE MODELING OF VEGETATION
IN THERMAL AND SOLAR WAVEBANDS
FOR THE PERIOD 12-01-88 THROUGH 11-30-91
AT A TOTAL COST OF \$194,098.00
AWARD # NAGW-1469, MOD. 1
MSN AG&LSC SOIL SCIENCE (144-AS36) 97,000.00
- 2) PLANT ARCHITECTURE, GROWTH AND RADIATIVE
TRANSFER FOR TERRESTRIAL AND SPACE ENVIRONMENTS
FOR THE PERIOD 02-01-89 THROUGH 01-31-91
AT A TOTAL COST OF \$349,053.00
AWARD # NAGW-1575, MOD. 1
MSN AG&LSC SOIL SCIENCE (144-AU12) 167,289.00
49. NASA, MARSHALL SPACE FLIGHT CENTER
MARSHALL SPACE FLIGHT CENTER, AL
IN SUPPORT OF THE FOLLOWING:
- 1) IMPLEMENTATION OF THE WETNET SYSTEM
FOR THE PERIOD 03-27-89 THROUGH 03-31-90
AT A TOTAL COST OF \$500,185.00
AWARD # NAS8-37587, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-AY09) 85,185.00
- 2) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT
FOR THE PERIOD 09-04-81 THROUGH 02-28-90
AT A TOTAL COST OF \$10,083,760.00
AWARD # NAS5-26777, MOD. 44
MSN L&S SPACE ASTRON LAB (144-R418) 133,000.00
50. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) GENETICS AND PHYSIOLOGY OF THE HYPERSENSITIVE
RESPONSE ELICITED IN PLANTS BY PSEUDOMONAS
SOLANACEARUM
FOR THE PERIOD 05-01-88 THROUGH 10-31-91
AT A TOTAL COST OF \$238,400.00
AWARD # DMB-8718310, MOD. 2
MSN AG&LSC PLANT PATHOLOGY (144-AG39) 78,400.00
- 2) MICROMECHANICAL COMPONENT PRODUCTION VIA X-RAY
LITHOGRAPHY AND PRECISION METAL PLATING
FOR THE PERIOD 08-15-88 THROUGH 01-31-92
AT A TOTAL COST OF \$596,000.00
AWARD # EET-8815285, MOD. 2
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AN98) 196,000.00

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- 3) GENETICS AND BIOTECHNOLOGY EDUCATION PROGRAMS FOR
ELEMENTARY, MIDDLE, AND HIGH SCHOOL TEACHERS
FOR THE PERIOD 12-15-88 THROUGH 11-30-90
AT A TOTAL COST OF \$308,318.00
AWARD # TPE-8850390, MOD. 1
MSN HS-MED GENET CLIN PROG (144-AT66) 160,980.00
- 4) SYNCHROTRON RADIATION CENTER
FOR THE PERIOD 05-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$4,645,100.00
AWARD # DMR-8821625, MOD. 1
MSN GRAD SYNCHR RAD CTR SRC CTL AC (144-AU17) 3,332,000.00
- 5) INVESTIGATION OF LOCAL SEGMENTAL DYNAMICS
IN POLYMERS
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$150,876.00
AWARD # DMR-8822076, MOD. 1
MSN L&S CHEMISTRY (144-AX77) 74,676.00
- 6) ANALYTICAL APPLICATIONS OF NONLINEAR
LASER SPECTROSCOPY
FOR THE PERIOD 04-01-89 THROUGH 03-31-91
AT A TOTAL COST OF \$205,680.00
AWARD # CHE-8903556, MOD. 1
MSN L&S CHEMISTRY (144-AX91) 64,680.00
- 7) INTERACTION OF CLIMATE AND NUTRITION ON FOREST
PRODUCTION: COMPARISON OF CONTROLLING FACTORS
IN CONTRASTING ENVIRONMENTS
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # BSR-8918022
MSN AG&LSC N RSRCS-FORESTRY (144-BL20) 67,756.00
- 8) TRANSITIONAL SUPPORT PENDING A PUBLIC BUREAU OF
THE CENSUS SHARED DATABASE FACILITY FOR SIPP
FOR THE PERIOD 02-15-90 THROUGH 01-31-91
AWARD # SES-8921213
MSN L&S INST-RES ON POV (144-BL32) 107,563.00
- 9) COMPARATIVE NEUROANATOMICAL STUDY OF THE BRAIN
OF THE FLORIDA MANATEE (TRICHECHUS MANATUS)
FOR THE PERIOD 03-01-90 THROUGH 02-29-92
AWARD # BNS-8919438
MSN HS-MED NEUROPHYSIOLOGY (144-BM37) 110,750.00
- 10) DOCTORAL DISSERTATION RESEARCH IN SOCIOLOGY
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # SES-8921559
MSN L&S SOCIOLOGY (144-BM60) 3,455.00
- 11) INCREMENTAL PROGRAM DEVELOPMENT
AND ANALYSIS TECHNIQUES
FOR THE PERIOD 03-15-90 THROUGH 02-29-92
AWARD # CCR-8908355
MSN L&S COMPUTER SCI (144-BM61) 99,997.00

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12)	MATHEMATICAL SCIENCES: INTEGRAL REPRESENTATIONS AND RING THEORY FOR THE PERIOD 05-15-90 THROUGH 04-30-91 AWARD # DMS-9001247 MSN L&S MATHEMATICS	(144-BM63)	26,500.00
13)	DEVELOPMENT OF IMMUNITY FOR THE PERIOD 10-15-86 THROUGH 09-30-90 AT A TOTAL COST OF \$238,000.00 AWARD # DCB-8602751, MOD. 6 MSN L&S ZOOLOGY	(144-Y702)	20,000.00
51.	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH BOULDER, CO PRIME CONTRACTOR WITH NSF UNIDATA BROADCAST FOR THE PERIOD 03-01-88 THROUGH 02-28-90 AT A TOTAL COST OF \$325,640.00 AWARD # ATM-8709659, MOD. 3 MSN GRAD SPACE SCI&ENG CT	(144-AM43)	44,250.00
52.	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY NEW BRUNSWICK, NJ PRIME CONTRACTOR WITH NSF REFORM UP CLOSE: A CLASSROOM ANALYSIS FOR THE PERIOD 07-01-89 THROUGH 12-31-91 AT A TOTAL COST OF \$417,774.00 AWARD # AGR DTD 02/22/90, MOD. 1 MSN EDUC WIS CTR EDUC RES	(144-AY75)	49,476.00
53.	VETERANS ADMIN MADISON, WI MEDICARE PROSPECTIVE PAYMENT SYSTEM: EFFECT ON VA INPATIENT SERVICE (REDUCTION DUE TO DECREASE IN REQUIRED COSTS FOR TIME PERIOD 01-05-90 THROUGH 03-31-90) FOR THE PERIOD 10-01-89 THROUGH 03-31-90 AT A TOTAL COST OF \$17,161.38 AWARD # PD 607D05119, MOD. 3 MSN HS-ADM ADMINISTRATION HLTH POLCY	(144-BH75)	2,656.00-
54.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CANCER SURGERY-RESEARCH EQUIPMENT MSN GRAD MEDICAL SCHOOL SURGERY	(135-0011)	570,000.00
55.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI TECHNOLOGY INNOVATION MSN GRAD AGR & LIFE SCI BIOCHEM	(135-0014)	181,250.00
56.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI SYNCHROTRON RADIATION CENTER MSN GRAD SYNCHR RAD CTR SRC CTL AC	(135-0096)	353,200.00

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57.	ASGROW SEED COMPANY SUN PRAIRIE, WI DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE	(133-A103)	8,575.08
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	155,000.00
59.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	25.00 MULTIPLE DONORS 10,000.00 MILDRED E. ROSER ESTATE ENDEAVOR, WI		
			10,025.00
60.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	50.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	46,070.49
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY NUCL MED	(133-A529)	41,250.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	60,588.82
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA ENERGY RES	(133-A816)	38,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADOLF AND ELLA FRANKENTHAL MEMORIAL FUND MSN AG&LSC MEAT& ANIMAL SCI	(133-A839)	3,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE	(133-B379)	150.00

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67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF DAIRY SCIENCE DISCRETIONARY FUND MSN AG&LSC DAIRY SCIENCE	(133-B521)	10,000.00
68.	W-L RESEARCH, INC. BAKERSFIELD, CA FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	500.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B573)	13,039.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B574)	7,859.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S SPANISH & PORT IBERO-AMER	(133-C505)	3,038.00
72.	CLINICAL MICROBIOLOGY LABORATORY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-C795)	
	100.00 MULTIPLE DONORS 750.00 CARTER-WALLACE, INC. CRANBURY, NJ		850.00
73.	RORER CENTRAL RESEARCH FORT WASHINGTON, PA SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	2,200.00
74.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	322.00
75.	MADISON GENERAL HOSPITAL MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	600.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MALIGNANT HYPERTHERMIA IN PATIENTS MSN HS-MED ANESTHESIOLOGY	(133-D924)	18,257.00

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77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF ANESTHETIC AGENTS ON AIRWAY SMOOTH MUSCLE MSN HS-MED ANESTHESIOLOGY	(133-E473)	18,239.00
78.	MULTIPLE DONORS ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE	HEMATOLOGY (133-E923)	250.00
79.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	25.00
80.	MULTIPLE DONORS GRASS VARIETY TESTING MSN AG&LSC AGRONOMY	(133-F169)	400.00
81.	FOUNDATION FOR INTERNATIONAL SCIENTIFIC COOPERATION MADISON, WI PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-F298)	3,000.00
82.	POTASH & PHOSPHATE INSTITUTE MONTICELLO, IL EVALUATION OF VARIOUS PRODUCTS FOR IMPROVING NITROGEN EFFICIENCY MSN AG&LSC SOIL SCIENCE	(133-F365)	1,500.00
83.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI	(133-F663)	3,050.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	CARDIOLOGY (133-G105)	46,975.25
85.	FOUNDATION FOR INTERNATIONAL SCIENTIFIC COOPERATION UNIVERSITY OF WISCONSIN DEPARTMENT OF PREVENTIVE MEDICINE MADISON, WI PROGRAM FOR DEVELOPMENT OF PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-G285)	2,500.00
86.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	852.10

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87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-G920)	1,000.00
88.	KIKKOMAN CORPORATION CHIBA-KEN, JAPAN EFFECTS OF SOY SAUCE ON CARCINOGENESIS MSN AG&LSC FOOD MICRO&TOXIC	(133-H012)	34,000.00
89.	MULTIPLE DONORS LIVER DISEASE RESEARCH FUND MSN HS-MED SURGERY GEN SURG	(133-H083)	25.00
90.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	320.00
91.	AMERICAN CANCER SOCIETY WISCONSIN DIVISION, INC. MADISON, WI SUMMER CLINICAL ASSISTANTSHIP PROGRAM MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-H322)	14,000.00
92.	MELLON (ANDREW W) FOUNDATION NEW YORK, NY DICTIONARY OF AMERICAN REGIONAL ENGLISH MATCHING MSN L&S ENGLISH	(133-H337)	600,000.00
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FIELD RESEARCH GRANTS MSN L&S SPANISH & PORT IBERO-AMER	(133-H588)	10,000.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL GRADUATE GRANT MSN ENGR ENGR MECHANICS	(133-H774)	5,000.00
95.	GENERAL ELECTRIC CORPORATION MILWAUKEE, WI DISCRETIONARY ACCOUNT FOR ENGINEERING MINORITY PROGRAM MSN ENGR MINORITIES ENGR MINOR PROG	(133-H821)	5,250.00
96.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	6,122.50
97.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	20.00

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98.	ROSS LABORATORIES COLUMBUS, OH EVALUATING EFFECTS OF DIET ON BOWEL FUNCTION AND BONE STATUS IN LONG TERM, TUBE FED PATIENTS MSN AG&LSC NUTRITIONAL SCI (133-J002)	6,200.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF VOLATILE ANESTHETICS ON THE ISCHEMIC KIDNEY MSN HS-MED ANESTHESIOLOGY (133-J425)	12,576.00
100.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH (133-J601)	2,000.00
101.	CREEKWOOD FARMS INCORPORATED LAKE MILLS, WI PRODUCTION OF MYCOPLASMA GALLISEPTICUM VACCINE MSN VET M PATHOBIOLGCL SCI (133-J884)	606.55
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAMILTON RODDIS FOUNDTION INC. - MULTIPLE SCLEROSIS RESEARCH FUND MSN HS-MED NEUROLOGY (133-K057)	5,000.00
103.	GENETIC VISIONS, INC. MADISON, WI PROBING FOR GENETIC MARKERS IN BULL SEMEN MSN AG&LSC DAIRY SCIENCE (133-K829)	1,200.00
104.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C "CLIN" MSN HS-MED PREVENTIVE MED (133-LO44)	40,000.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN L. SONDEREGGER CENTER FOR RESEARCH IN PHARMACY ADMINISTRATION MSN HS-PHR SRC (133-L142)	60,000.00
106.	MULTIPLE DONORS SUPPORT OF ELECTRON MICROSCOPE ACTIVITIES MSN AG&LSC ENTOMOLOGY (133-L351)	55.63
107.	TEKRA CORPORATION NEW BERLIN, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR INDUSTRIAL ENGR (133-L417)	6,000.00

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108.	CAMPBELL SOUP COMPANY FAYETTEVILLE, AR STUDY POTENTIAL USE OF DOUBLE-MUSCLING GENE IN BROILERS MSN AG&LSC POULTRY SCIENCE	(133-L453)	17,000.00
109.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAVE) FOLLOWING MYOCARDIAL INFARCTION: EFFECT OF CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE	CARDIOLOGY (133-L626)	16,000.00
110.	INDIANA UNIVERSITY BLOOMINGTON, IN MUCIA-MALYSIA PROJECT FOR THE PERIOD 08-01-87 THRU 07-31-90 MSN L&S MATHEMATICS	(133-L793)	3,523.00
111.	ACADEMY OF FINLAND NATIONAL RESEARCH COUNCIL FOR AGRICULTURE AND FORESTRY HELSINKI, FINLAND FACTORS AFFECTING COLD HARDINESS IN FOREST TREES MSN AG&LSC N RSRCS-FORESTRY	(133-L956)	425.68
112.	ECOLOGICAL WHEY PRODUCTS GLENBEULAH, WI PLANT NUTRITION & SOIL PH STUDIES MSN AG&LSC HORTICULTURE	(133-M083)	4,800.00
113.	TOYOBO CO., LTD. JAPAN CONSORTIUM FOR THE STUDY OF RIMS AND RELATED FIBER TECHNOLOGY MSN ENGR CHEMICAL ENGR	(133-M322)	10,000.00
114.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "MALIGNANT HYPERTHERMIA DNA LINKAGE ANALYSIS" MSN HS-MED ANESTHESIOLOGY	(133-M389)	27,700.00
115.	CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY	(133-M707)	
	1,590.00 THE LARSEN COMPANY GREEN BAY, WI		
	960.00 GERBER PRODUCTS COMPANY FREMONT, MI		
	1,350.00 SENECA FOODS CORPORATION JANESVILLE, WI		

3,900.00

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116.	PFIZER, INC. NEW YORK, NY AN EIGHT WEEK DOUBLE BLIND NIFEDIPINE GITS STUDY IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS MAINTAINED ON BETA BLOCKER THERAPY "CLIN" AWARD # 86-N-0129 MSN HS-MED MEDICINE	CARDIOLOGY	(133-M727)	29,000.00
117.	MULTIPLE DONORS POLYCYSTIC KIDNEY DISEASE RESEARCH MSN VET M SURGICAL SCI		(133-M730)	166.66
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF SURGICAL ONCOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ONCOLOGY	(133-M810)	24,974.00
119.	MULTIPLE DONORS PANCREAS RESEARCH FUND MSN HS-MED SURGERY	GEN SURG	(133-M817)	85.00
120.	NATIONAL DAIRY PROMOTION AND RESEARCH BOARD ARLINGTON, VA CENTER FOR DAIRY RESEARCH FOR THE PERIOD 01-01-88 THRU 06-30-90 MSN AG&LSC DAIRY RESEARCH,C DAIRY RESH		(133-M966)	250,000.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACOLOGY OF CARDIOPULMONARY TISSUES MSN HS-MED ANESTHESIOLOGY		(133-N239)	4,414.00
122.	CALIFORNIA FRESH CARROT ADVISORY BOARD DINDUBA, CA VEGETABLE RESEARCH FOR THE PERIOD 04-01-88 THRU 03-31-90 AWARD # SIM-88 MSN AG&LSC HORTICULTURE		(133-N328)	11,850.00
123.	SCHERING-PLOUGH CORPORATION KENILWORTH, NJ PHASE 11/111 TRIAL OF RECOMBINANT GRANULOCYTE MACRONPHAGE-COLONY STIMULATING FACTOR IN PATIENTS WITH EXTENSIVE STAGE SMALL CELL CARCINOMA OF THE LUNG MSN HS-MED HUMAN ONCOLOGY	IMMUNOLOGY	(133-N386)	11,393.75
124.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY MADISON, WI SONNEDECKER RESEARCH ASSISTANTSHIP FUND MSN HS-PHR PHARMACY		(133-N422)	6,849.32
125.	PFIZER, INC. NEW YORK, NY MODERN APPROACH TO THE TREATMENT OF HYPERTENSION MULTICENTER STUDY "CLIN" MSN HS-MED PHARMACOLOGY		(133-N521)	3,375.00

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126.	BRISTOL-MYERS WELLINGFORD, CT RANDOMIZED TRIAL OF TWO ANITMETICS "CLIN" MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-N578)	23,116.00
127.	MULTIPLE DONORS LYME DISEASE MSN VET M MEDICAL SCIENCES (133-N639)	100.00
128.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ SAFETY, TOLERABILITY AND EFFICACY OF MK 906 IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA "CLIN" MSN HS-MED SURGERY UROLOGY (133-N664)	27,783.00
129.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ DOSE RESPONSE OF FRESH BEEF COLOR TO DIETARY A-TOCOPHERYL ACETATE MSN AG&LSC MEAT& ANIMAL SCI (133-N687)	25,000.00
130.	MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY MADISON, WI MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY EXPENSES MSN L&S HEBREW & SEM STU (133-N727)	200.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE USES AND EFFECTS OF AUDIOTEX IN PUBLIC EDUCATION/INFORMATION SETTINGS FOR THE PERIOD 07-01-89 THRU 06-30-91 MSN GRAD AGR & LIFE SCI AGR JOURN (133-N872)	41,000.00
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPUTERS, TELECOMMUNICATIONS AND THE MICRO- BIOLOGIST: COMPUTERIZED NETWORKS AND THE ENHANCED PERFORMANCE OF SCIENTIFIC RESEARCH FOR THE PERIOD 07-01-89 THRU 06-30-92 MSN GRAD AGR & LIFE SCI RURAL SOC (133-N873)	88,346.00
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF DIGITAL TECHNOLOGY ON PHOTOJOURNALISM FOR THE PERIOD 07-01-89 THRU 01-31-91 MSN GRAD L&S JOURN& M C (133-N875)	43,372.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENE EXPRESSION IN THE INSULIN CELL MSN HS-MED PEDIATRICS (133-N901)	32,000.00
135.	ADRIA LABORATORIES COLUMBUS, OH EFFICACY AND SAFTY TRIAL OF TOREMIFEN VS. TAMOXIFEN IN POST MENOPAUSAL WOMEN WITH METASTATIC BREAST CANCER MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-N961)	58,670.00

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136.	CREDIT UNION NATIONAL ASSOCIATION, INC. MADISON, WI RESEARCH ON THE ECONOMY AND CREDIT UNION FINANCIAL MANAGEMENT FOR THE PERIOD 02-01-89 THRU 06-30-90 MSN L&S ECONOMICS	(133-N977)	6,252.71
137.	AMERICAN CYANAMID COMPANY JOLIET, IL SINGLE DOSE, OPEN LABEL, PARALLEL, MULTI-CENTER PHARMACOKINETICS STUDY OF PIPERACILLIN AND TAZOBACTAM AFTER INTRAVENOUS INFUSION IN SUBJECTS WITH VARIOUS DEGREES OF RENAL IMPAIRMENT "CLIN" MSN HS-PHR PHARMACY	(133-P008)	26,342.00
138.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH INTERNATIONAL DEVELOPMENT FOR THE PERIOD 04-01-89 THRU 06-30-90 MSN AG&LSC COOPTVS, U CTR	(133-P099)	37,308.50
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "IMMUNE DEFICIENCY AND VACCINES" CONFERENCE MSN HS-MED MEDICINE HEMATOLOGY	(133-P190)	4,001.24
140.	SYNTEX (U.S.A.) INC. PALO ALTO, CA TESTING THE IMMUNOSUPPRESSIVE EFFECT OF RS-61443 MSN HS-MED SURGERY GEN SURG	(133-P206)	30,000.00
141.	ICI AMERICAS INC. WILMINGTON, DE A 3-YEAR ASSESSMENT OF CEFOTETAN AND COMPARATOR IN VITRO ACTIVITIES AGAINST SELECT AEROBIC AND ANAEROBIC BACTERIA MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-P266)	7,945.55
142.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC A RANDOMIZED, DOUBLE-BLIND COMPARATIVE TRIAL OF THREE DOSAGE REGIMENS OF INHALED FLUTICASONE PROPIONATE VS. PLACEBO IN ADULT PATIENTS WITH ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-P413)	17,160.00
143.	ACUFEX MICROSURGICAL INC. NORWOOD, MA ORTHOPEDIC RESEARCH MSN HS-MED SURGERY ORTHO SURG	(133-P432)	1,648.43
144.	SYNTEX LABORATORIES, INC. PALO ALTO, CA ASSESSMENT OF BLOOD PRESSURE DURING TREATMENT WITH NAPROXEN AND IBUPROFEN IN HYDROCHLOROTHIAZIDE TREATED HYPERTENSIVE PATIENTS (CLINICAL) MSN HS-MED PHARMACOLOGY	(133-P464)	12,190.00

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145.	NORTHERN STAR MINNEAPOLIS, MN POTATO RESEARCH MSN AG&LSC FOOD SCIENCE	(133-P540)	22,000.00
146.	GENENTECH, INC. SOUTH SAN FRANCISCO, CA TREATMENT OF CHILDREN DEMONSTRATING SUBNORMAL GROWTH WITH HGH (PROTROPIN) MSN HS-MED PEDIATRICS	(133-P612)	1,200.00
147.	CRITICARE SYSTEMS, INC. MILWAUKEE, WI EVALUATION OF CRITICARE VOLATILE ANESTHETIC RESPIRATORY MONITOR MSN HS-MED ANESTHESIOLOGY	(133-P777)	11,524.00
148.	STATE HISTORICAL SOCIETY OF WISCONSIN MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION MSN BUS SCH OF BUSINESS	(133-P793)	2,050.00
149.	MARION LABORATORIES, INC. KANSAS CITY, MO DOSE RESPONSE EVALUATION OF DILTIAZEM QD SUSTAINED RELEASE VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS "CLIN" MSN HS-MED MEDICINE CARDIOLOGY	(133-P848)	25,350.00
150.	ROBERT E. ROWLANDS MADISON, WI HYBRID COMPUTATIONAL MECHANICS MSN ENGR ENGR MECHANICS	(133-P885)	975.00
151.	INDIANA UNIVERSITY BLOOMINGTON, IN MUCIA-MALYSIA PROJECT FOR THE PERIOD 08-01-89 THRU 07-31-90 MSN BUS SCH OF BUSINESS	(133-P886)	9,287.00
152.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND RANDOMIZED PLACEBO-CONTROLLED THREE PERIOD CROSSOVER STUDY TO EVALUATE THE BRONCHODILATING EFFECTS OF MK-571 OVER 76 HOURS IN PATIENTS WITH MILD TO MODERATE ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM	(133-P888)	47,601.60
153.	MULTIPLE DONORS RESEARCH IN THE FIELD OF AIDS IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE RHEUMATOL	(133-P889)	575.00
154.	EASTMAN KODAK COMPANY ROCHESTER, NY RUN SIMULATED PHOTOPROCESSING EFFLUENTS THROUGH TITANIA-CATALYZED PHOTOELECTRO-CHEMICAL CELL FOR THE PERIOD 08-01-89 THRU 06-30-90 AWARD # LS-558-95958 W MSN ENGR ENGR EXPER STA WSEL	(133-P922)	5,000.00

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155.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VOLATILE ANESTHETICS AND NERVOUS SYSTEM FUNCTION MSN HS-MED ANESTHESIOLOGY (133-P973)	25,000.00
156.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEVELOPMENT OF A CLINICAL CARDIAC TOPICS FILE DATABASE MSN HS-MED ANESTHESIOLOGY (133-P974)	1,000.00
157.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ FLEROXACIN STUDY MSN HS-UHS HEALTH SVC-BBC (133-P993)	19,935.00
158.	PROCTER & GAMBLE, INC. NEW YORK, NY CHEMICAL CHARACTERIZATION OF LANDFILL REFUSE DECOMPOSITION OVER TIME MSN ENGR CIVIL & ENV ENGR (133-Q001)	10,000.00
159.	MULTIPLE DONORS FIELD APPLICATION OF NUTRITIONAL AND MANAGEMENT TECHNOLOGIES TO DAIRY PRODUCTION PRACTICES MSN AG&LSC DAIRY SCIENCE (133-Q068)	300.00
160.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC PHASE 11 TRIAL OF ACRIVASTINE AND VINBLASTINE IN RENAL CELL CARCINOMA MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-Q102)	20,400.00
161.	NEW SOUTH WALES (UNIVERSITY OF) KENSINGTON, AUSTRALIA SCANNING TUNNELING MICROSCOPY SURFACE ANALYSIS EQUIPMENT AWARD # TK33007 MSN ENGR MAT SCI & ENGR (133-Q120)	22,950.00
162.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA THERMAL STORAGE APPLICATIONS AND RESEARCH CENTER FOR THE PERIOD 12-01-89 THRU 03-31-90 AWARD # RP 3203-01 MSN ENGR ENGR PRFSNL DVLP (133-Q137)	40,000.00
163.	DANE COUNTY YOUTH COMMISSION MADISON, WI 1990 YOUTH SURVEY ANALYSIS FOR THE PERIOD 09-01-89 THRU 12-31-90 AWARD # 10469 MSN HS-ADM ADMINISTRATION HLTH POLCY (133-Q155)	7,500.00

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164.	EYGENE, INC. BOSTON, MA EFFECTS OF ETHACRYNIC ACID ON AQUEOUS HUMOR DYNAMICS MSN HS-MED OPHTHALMOLOGY	(133-Q191)	5,897.00
165.	BEEF INDUSTRY COUNCIL OF THE NATIONAL LIVE STOCK AND MEAT BOARD CHICAGO, IL ADAPTABILITY OF WISCONSIN HOLSTEIN BEEF FOR THE JAPANESE MARKET FOR THE PERIOD 12-01-89 THRU 11-30-90 MSN AG&LSC MEAT& ANIMAL SCI	(133-Q201)	15,100.00
166.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI NEWBORN SCREENING FOLLOW-UP FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 1--0007 MSN GRAD WAISMAN CENTER	(133-Q204)	77,700.00
167.	B. L. COBIA, INC. WINTER GARDEN, FL RESEARCH INTO INVESTIGATIONS ON THE GENETIC MAKEKUP OF ZYGOCACTUS AND RHIPSALIDOPSIS MSN AG&LSC HORTICULTURE	(133-Q293)	480.00
168.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: THE ADOPTION OF LOW INPUT SUSTAINABLE AGRICULTURE PRACTICE BY WISCONSIN FARMERS FOR THE PERIOD 02-26-90 THRU 02-25-91 AWARD # 9022 MSN AG&LSC RURAL SOCIOLOGY	(133-Q467)	14,200.00
169.	ROCKEFELLER FOUNDATION NEW YORK, NY ROCKEFELLER FOUNDATION AFRICAN DISSERTATION INTERNSHIP AWARD FOR THE PERIOD 01-01-90 THRU 06-30-90 AWARD # RF 89034,#118 MSN AG&LSC CONT & VOC EDUC	(133-Q477)	4,448.00
170.	EDAP INTERNATIONAL CORP. WESTFORD, MA RENAL EXTRACORPoreal SHOCK WAVE LITHOTRIPSY WITH THE EDAP LT.01 LITHOTRIPTER MSN HS-MED SURGERY UROLOGY	(133-Q489)	25,000.00
171.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "PEW" GRADUATE PROGRAM IN CONSERVATION BIOLOGY AND SUSTAINABLE DEVELOPMENT FOR THE PERIOD 12-06-89 THRU 12-31-92 AWARD # T87-O1588-014 MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-Q492)	300,000.00

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172.	SANDOZ PHARMACEUTICALS CORPORATION EAST HANOVER, NJ CYCLOSPORINE METABOLITE STUDIES MSN HS-MED PATHOL & LAB MED ANAT PATH (133-Q494)	5,000.00
173.	MULTIPLE DONORS SUPPORT EDUCATION IN THE FIELD OF RHEUMATOLOGY MSN HS-MED MEDICINE RHEUMATOL (133-Q496)	250.00
174.	MILES, INC. ELKHART, IN SUPPORT OF INFECTIOUS DISEASE PROGRAMS MSN HS-MED MEDICINE INFECT DIS (133-Q497)	500.00
175.	WISCONSIN POWER & LIGHT COMPANY MADISON, WI DISTRIBUTION AND MIGRATION PATHS OF VOLATILE ORGANIC CONTAMINANTS IN THE VICINITY OF RIPON LANDFILL MSN L&S GEOL & GEOPHYSICS (133-Q498)	40,575.00
176.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANGER AWARD: FACULTY SCHOLARSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q499)	10,000.00
177.	TOYOBO COMPANY, LTD. OSAKA, JAPAN TOYOBA TYB-2285 STUDIES MSN HS-MED MEDICINE ALLRGY&IMM (133-Q507)	13,801.00
178.	CONSORTIUM FOR ADVANCED SUMMER THAI (CAST) MSN L&S SPECIAL PROJECTS SE ASIA ST (133-Q509)	
	350.00 ARIZONA STATE UNIVERSITY TEMPE, AZ	
	750.00 CORNELL UNIVERSITY ITHACA, NY	
	750.00 MICHIGAN (UNIVERSITY OF) ANN ARBOR, MI	
	350.00 NORTHERN ILLINOIS UNIVERSITY DEKALB, IL	
	750.00 WASHINGTON (UNIVERSITY OF) SEATTLE, WA	
	350.00 YALE UNIVERSITY NEW HAVEN, CT	
		3,300.00
179.	SCHREIBER FOODS, INC. GREEN BAY, WI MICROBIOLOGICAL STABILITY OF PROCESS CHEESE MSN AG&LSC FOOD MICRO&TOXIC (133-Q510)	3,000.00
180.	CYSTIC FIBROSIS FOUNDATION BETHESDA, MD CELL BIOLOGY OF HUMAN PARAINFLUENZA VIRUS TYPE 2 FOR THE PERIOD 04-01-90 THRU 03-31-91 AWARD # I093 0-1 MSN HS-MED PEDIATRICS (133-Q511)	32,400.00

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181.	MULTIPLE DONORS APPLIED DAIRY MANAGEMENT PRACTICES FOR WISCONSIN DAIRY FARMS MSN AG&LSC DAIRY SCIENCE	(133-Q514)	100.00
182.	MERRICK'S INCORPORATED UNION CENTER, WI ORAL IRON SUPPLEMENTATION OF BABY PIGS MSN AG&LSC MEAT& ANIMAL SCI	(133-Q515)	3,000.00
183.	MULTIPLE DONORS MOLECULAR MARKERS FOR QUANTITATIVE TRAITS IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-Q516)	250.00
184.	ZAPATA HAYNIE CORPORATION HAMMOND, LA RELATIVE PROTEIN VALUE OF HIGH OR LOW BY-PASS FISH MEAL MSN AG&LSC DAIRY SCIENCE	(133-Q519)	10,000.00
185.	INTERNATIONAL RESEARCH AND EXCHANGE BOARD PRINCETON, NJ RESEARCH SUPPORT FOR HOST OF SOVIET PARTICIPANT MSN AG&LSC FOOD MICRO&TOXIC	(133-Q521)	500.00
186.	NATIONAL LIVE STOCK AND MEAT BOARD CHICAGO, IL ROLE OF MITOCHONDRIA IN STABILITY OF COLOR IN FRESH BEEF FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN AG&LSC MEAT& ANIMAL SCI	(133-Q522)	41,500.00
187.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI METEOROLOGICAL EDUCATION AND RESEARCH APPLICATIONS (MERA) MSN L&S METEOROLOGY	(133-Q525)	5,000.00
188.	SOCIAL SCIENCE RESEARCH COUNCIL NEW YORK, NY RESEARCH WORKSHOP: ENVIRONMENTAL SECURITY MSN G E A INTL STU & PROGS	(133-Q526)	6,550.00
189.	U.S. OLYMPIC COMMITTEE COLORADO SPRINGS, CO OLYMPIC JOB OPPORTUNITIES GRANT PROGRAM FOR THE PERIOD 02-01-90 THRU 12-30-90 MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-Q527)	4,576.00
190.	WISCONSIN ASSOCIATION OF SCHOOL DISTRICT ADMINISTRATORS MADISON, WI A STUDY OF WISCONSIN'S SCHOOL AID EQUALIZATION PROGRAM FOR THE PERIOD 01-11-90 THRU 08-10-90 MSN EDUC EDUC ADMIN	(133-Q529)	4,745.00

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191.	BARRACK LABORATORIES MARLBOROUGH, MA MEASUREMENT OF TRAPPED MASS IN A SPARK-IGNITED ENGINE - CORRELATION WITH COMBUSTION AND MEASURED RADIANCE MSN ENGR MECHANICAL ENGR (133-Q530)	50,520.00
192.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT TESTING OF A NOVEL ANTIVIRAL COMPOUND MSN GRAD INST MOL VIR INST MOL V (133-Q531)	1,000.00
193.	ICI AMERICAS, INC. WILMINGTON, DE ESTABLISHMENT OF MIC VALUES OF MEROPENEM FOR ANAEROBIC CONTROL ORGANISMS MSN HS-MED PATHOL & LAB MED ANAT PATH (133-Q533)	4,310.80
194.	UPJOHN COMPANY KALAMAZOO, MI PHARMACOKINETICS OF NAXCEL IN SERUM AND THE SURGICAL WOUND IN DOGS MSN VET M SURGICAL SCI (133-Q536)	7,171.00
195.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DATA MANAGEMENT ACCOUNT MSN L&S LIMNOLOGY CTR (133-Q538)	1,500.00
196.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI EPIDEMICS AND THEIR SOCIAL IMPACT MSN L&S HUM-INST FOR RES (133-Q541)	1,000.00
197.	MANKATO STATE UNIVERSITY MANKATO, MN MINNESOTA RIVER ASSESSMENT PROJECT MSN GRAD WATER RESOURCES WATER RESO (133-Q546)	4,000.00
198.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS ENGINE RESEARCH GRANT MSN ENGR ENGR EXPER STA I COMBUSTN (133-Q552)	5,000.00
199.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: USE OF COVER CROPS AS AN INTERNAL SOURCE OF NITROGEN IN CASH GRAIN PRODUCTION SYSTEMS FOR THE PERIOD 02-26-90 THRU 02-25-91 AWARD # 9016 MSN AG&LSC AGRONOMY (133-Q553)	22,219.00
200.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: MICROBIOTIC PROPERTIES OF SOILS MANAGED BY LOW VS HIGH SYNTHETIC CHEMICAL INPUT PRACTICES FOR THE PERIOD 02-26-90 THRU 02-25-91 AWARD # 9019 MSN AG&LSC SOIL SCIENCE (133-Q554)	20,302.00

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201.	<p>WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI SUSTAINABLE AGRICULTURE PROJECT: PRODUCTION OF INSTRUCTIONAL MATERIALS FOR THE BIOLOGICAL CONTROL OF INSECT PESTS FOR THE PERIOD 02-26-90 THRU 02-25-91 AWARD # 9018 MSN AG&LSC ENTOMOLOGY</p>	<p>(133-Q555)</p>	<p>28,442.00</p>
202.	<p>MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN CERAMIC MEMBRANE RESEARCH AWARD # PO T567930 MSN ENGR ENGR EXPR STA WSEL</p>	<p>(133-Q556)</p>	<p>10,000.00</p>
203.	<p>ABBOTT LABORATORIES ABBOTT PARK, IL A COMPARATIVE STUDY OF DIFLOXACIN (A56619), TEMAFLOXACIN (A63004) AND CIPROFLOXACIN IN THE TREATMENT OF ACUTE PROSTATITIS IN RATS AND DOGS "CLIN" MSN HS-MED SURGERY UROLOGY</p>	<p>(133-Q558)</p>	<p>20,000.00</p>
204.	<p>SNOW BRAND MILK PRODUCTS COMPANY, LTD. HOKKAIDO, JAPAN TRAINING EXPENSES MSN AG&LSC MEAT& ANIMAL SCI</p>	<p>(133-Q560)</p>	<p>10,000.00</p>
205.	<p>SNOW BRAND MILK PRODUCTS COMPANY, LTD. TOCHIGI, JAPAN TRAINING EXPENSES MSN AG&LSC MEAT& ANIMAL SCI</p>	<p>(133-Q561)</p>	<p>10,000.00</p>
206.	<p>MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES CHAMPAIGN, IL THE INDONESIA SECOND UNIVERSITY DEVELOPMENT PROJECT-ENGINEERING SCIENCES COMPONENT FOR THE PERIOD 12-01-89 THRU 12-31-91 MSN ENGR INTERNAT'L ENGR</p>	<p>(133-Q563)</p>	<p>83,000.00</p>
207.	<p>MERCK SHARPE & DOHME COMPANY, INC. WEST POINT, PA GASTROENTEROLOGY DEVELOPMENT FUND MSN HS-MED MEDICINE GASTROENT</p>	<p>(133-Q565)</p>	<p>1,000.00</p>
208.	<p>DIGITAL EQUIPMENT CORPORATION MAYNARD, MA GRANT FOR PORTING OF SOFTWARE TO THE DEC STATION 3100 MSN L&S COMPUTER SCI</p>	<p>(133-Q569)</p>	<p>5,000.00</p>
209.	<p>COLORADO (UNIVERSITY OF) DENVER, CO CEREBRAL AND AUTONOMIC PSYCHOPHYSIOLOGY OF INHIBITION TO THE UNFAMILIAR IN CHILDREN: A FOLLOW UP FOR THE PERIOD 03-01-90 THRU 02-28-91 MSN L&S PSYCHOLOGY</p>	<p>(133-Q570)</p>	<p>66,855.00</p>

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210.	ABBOTT LABORATORIES NORTH CHICAGO, IL EVALUATION OF THE USE OF CARBAMAZYSINE-10, 11-EPOXIDE SERUM CONCENTRATION MSN HS-PHR PHARMACY	(133-Q571)	3,000.00
211.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ EFFICACY OF MK-906 IN THE TREATMENT OF URINARY OBSTRUCTION FOR PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA "CLIN" MSN HS-MED SURGERY	UROLOGY (133-Q572)	23,165.00
212.	LEUKEMIA SOCIETY OF AMERICA, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-90 THRU 06-30-93 MSN HS-MED ONCOLOGY	(133-Q574)	70,500.00
213.	ARKANSAS DEPARTMENT OF HIGHER EDUCATION LITTLE ROCK, AR ASSIST IN THE WORK OF THE REGIONAL REHABILITATION RESEARCH INSTITUTE, SCHOOL OF EDUCATION MSN EDUC REHAB PSYC&SP ED	(133-4866)	2,350.00
214.	DERMATOLOGY RESEARCH MSN HS-MED MEDICINE	DERMATOLGY (133-4911)	
	200.00 KERRY CRIVELLO MILWAUKEE, WI		
	250.00 MULTIPLE DONORS		450.00
215.	MULTIPLE DONORS WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	250.00
216.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S DISCRETIONARY FUND MSN HS-MED	(133-5671)	100.00
217.	HAZLETON LABORATORIES AMERICA, INC. MADISON, WI HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	2,600.00

STUDENT AID

1.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	11,895.72
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2.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	(TRUST)	50.59
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INDUSTRIAL RELATIONS RESEARCH INSTITUTE-- GRADUATE SCHOLARSHIP MSN L&S IND REL RES INST	(TRUST)	2,500.00
4.	MULHOLLAND, KATHRYN ESTATE CHULA VISTA, CA INSTITUTIONAL LOAN GROUP--TRUST FUND MSN G SERV FELLOWS & SCHOLS	(TRUST)	1,000.00
5.	PROCEEDS FROM MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	(TRUST)	46.31
6.	SCHILLING, ROBERT F.--SCHOLARSHIP MSN HS-MED MEDICINE	(TRUST)	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	535.00 MULTIPLE DONORS		
			1,035.00
7.	AMERICAN INDIAN GRADUATE CENTER, INC ALBUQUERQUE, NM PRIME CONTRACTOR WITH INTER MINORITY STUDENTS PROGRAM FOR THE PERIOD 01-13-89 THROUGH 05-19-90 AT A TOTAL COST OF \$11,027.00 AWARD # CK# 23587, MOD. 3 MSN LAW LAW SCHOOL	(144-BJ71)	1,060.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EGBERT ORCHARD MEMORIAL SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-A583)	2,925.00
9.	SAFETY ENGINEERING ASSOCIATES, INC. MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	1,000.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE SCHOLARSHIP FOR THE HANDICAPPED MSN G E A DEAN OF STUDENTS MCBURNEY	(133-B333)	12,000.00

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11.	MULTIPLE DONOR ORRIN BERGE SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-B630)	250.00
12.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-B967)	1,369.72
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALICE A. THORNGATE SCHOLARSHIP MSN HS-MED PATHOL & LAB MED MED TECH (133-C794)	500.00
14.	UNIVERSITY OF WISCONSIN FORESTRY CLUB MADISON, WI UNIVERSITY OF WISCONSIN FORESTRY CLUB SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-F145)	900.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F608)	20,000.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F609)	10,000.00
17.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR (133-J629)	7,334.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS MSN L&S GEOL & GEOPHYSCS (133-J873)	1,500.00
19.	FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND (STUDENTS TO HAVE RECEIVED SCHOLARSHIPS WITHDREW FROM THE PROGRAM) MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-L074)	
	200.00- LACONIA F.F.A. ROSENDALE, WI	
	200.00- FENNIMORE SCHOOL SYSTEM VOC-AG SCHOLARSHIP FUND FENNIMORE, WI	400.00-
20.	LIFE AND HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, DC LUTHERAN BROTHERHOOD SCHOLARSHIP MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-M709)	8,000.00

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21.	ACM SCHOLARSHIP FUNDS			
	MSN L&S	COMPUTER SCI	(133-Q513)	
	1,000.00	AT & T		
		HERNDON, VA		
	300.00	MULTIPLE DONORS		
				1,300.00
22.	WISCONSIN HATCHERIES ASSOCIATION			
	MADISON, WI			
	WISCONSIN HATCHERIES SCHOLARSHIP PROGRAM			
	MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-6210)		700.00
23.	UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH			
	SCHOOL SCHOLARSHIP PROGRAM			
	MSN BUS	SCH OF BUSINESS	(133-8377)	
	560.00	TIME INSURANCE FOUNDATION, INC		
		MILWAUKEE, WI		
	280.00	MULTIPLE DONORS		
				840.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION			
	MADISON, WI			
	SCHOOL OF NURSING SCHOLARSHIP FUND			
	MSN HS-NUR	(133-8872)		3,000.00

UNRESTRICTED

1.	MADISON CHANCELLOR'S SPECIAL FUND		(TRUST)	
	MSN G E A			
	5,000.00	PROCTER & GAMBLE FUND		
		CINCINNATI, OH		
	75.00	EDWARDS, EILAH JANE & RALPH	\$25.00	
		CHESTERFIELD, MO		
		FERGER, R.E.	50.00	
		WINTHROP HARBOR, IL		
				5,075.00

TOTAL MADISON	23,042,729.32
	=====

EXTENSION AND PUBLIC SERVICE	100.00
INSTRUCTION	67,435.00
LIBRARIES	749.00
MISCELLANEOUS	1,739,003.40
PHYSICAL PLANT	26,626.00
RESEARCH	21,114,934.58
STUDENT AID	88,806.34
UNRESTRICTED	5,075.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. WILLIAM H. HAMILTON
SHOREWOOD, WI
A GIFT OF VARIOUS FILM EQUIPMENT
MIL F ARTS FILM
2. MRS. BENJAMIN URDAN
MILWAUKEE, WI
A GIFT OF VARIOUS WORKS OF ART
MIL F ARTS UWM ART MUSEUM ART MUSEUM

INSTRUCTION

1. UNIVERSITY AFFILIATED CINCINNATI CENTER FOR
DEVELOPMENTAL DISORDERS
CINCINNATI, OH
90-399-LK
PRIME CONTRACTOR WITH DED
STRESS, HEALTH AND SOCIAL SUPPORTS AMONG FAMILIES
AND CAREGIVERS OF OLDER ADULTS WITH DEVELOPMENTAL
DISABILITIES
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # AGR DTD 06/29/89
MIL S WELF SOCIAL WELFARE SOC W-GEN (144-BM62) 4,479.00
2. MILWAUKEE COUNTY DEPARTMENT OF SOCIAL SERVICES
(PRIME WITH DEPT OF HEALTH & HUMAN SERVICES/OHDS)
MILWAUKEE CO
90-111-NM
PRIME CONTRACTOR WITH DHHS OHDS
INDEPENDENT LIVING/LIFE SKILLS DEVELOPMENT
FOR THE PERIOD 10-01-89 THROUGH 12-31-90
AWARD # 40-89479-300 & 40-90479-1
MIL DOCE PRFNL RSORC DVLP CYCLE (144-BJ93) 139,755.00
3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
90-229-NM
MINORITY HIGH SCHOOL RESEARCH APPRENTICESHIP
PROGRAM
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # 2 S03 RR03407-06
MIL AC AFF STU ACAD SUPPORT STU ACAD S (144-BM58) 7,500.00
4. AMIDEST: PARTNERS FOR INTERNATIONAL
EDUCATION AND TRAINING (PIET)
WASHINGTON, D.C.
90-136-BF
PRIME CONTRACTOR WITH STATE
TRAINING PROGRAM IN INFORMATION RESOURCES
MANAGEMENT FOR MS. RESEK
FOR THE PERIOD 11-03-89 THROUGH 12-01-89
MIL L&I SC SCH-LIB&INF SCI (144-BH51) 2,000.00
5. STATE, DEPT OF
WASHINGTON, DC
PARTNERSHIP BETWEEN UNIVERSITY OF WISCONSIN-
MILWAUKEE AND AN-NAJJAH NATIONAL UNIVERSITY,
NABLUS, THE WEST BANK
FOR THE PERIOD 08-01-86 THROUGH 11-30-90
AWARD # IA-AEGH-G6192658
MIL L&S POLITICAL SCI (144-Y608) 20,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- | | | | |
|----|---|------------|----------|
| 6. | WISCONSIN BELL
MILWAUKEE, WI
SPONSOR BLACK FEMALE FILMMAKERS FESTIVAL
MIL F ARTS FILM | (133-D747) | 750.00 |
| 7. | VARIOUS
(COOPER POWER SYSTEMS - RTE POWER PRODUCTS)
WAUKESHA, WI
EDUCATORS IN INDUSTRY: A COLLABORATIVE EFFORT IN
CAREER EDUCATION/YEAR 9
MIL EDUC EDUC PSYCHOLOGY | (133-E612) | 2,500.00 |
| 8. | UWM FOUNDATION
ALUMNI HOUSE
MILWAUKEE, WI
CEAS POWER SYSTEM RESEARCH FUND #854
FOR THE PERIOD 06/01/87 THROUGH 12/31/99
MIL ENG&AS ELEC ENGR&COMP S ELECT ENGR | (133-M379) | 6,000.00 |
| 9. | WISCONSIN ECONOMIC EDUCATION COUNCIL
MILWAUKEE, WI
90-019-LK
IN SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOP-
MENT AND OTHER RELATED ACTIVITY
MIL L&S ECONOMIC EDUC | (133-4849) | 2,833.00 |

MISCELLANEOUS

- | | | | |
|----|---|------------|-----------|
| 1. | ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
ARTS MIDWEST TOURING PROGRAM: 1989/90
APPLICATION
(URBAN BUSH WOMEN AND PAN AISIAN REPERTORY
THEATRE)
FOR THE PERIOD 01-25-90 THROUGH 03-25-90
AWARD # FY90 128 & 129
MIL F ARTS METRO ARTS PROG F ARTS PRG | (144-BE10) | 6,165.00 |
| 2. | WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
90-292-NM
PRIME CONTRACTOR WITH NEH
SCHOOL DESEGREGATION MOVEMENT IN MILWAUKEE
FOR THE PERIOD 01-26-90 THROUGH 05-31-90
AWARD # FY90-17P
MIL L&S HISTORY | (144-BL39) | 1,470.09 |
| 3. | UWM FOUNDATION
MILWAUKEE, WI
SUPPORT FOR UWM ATHLETICS - MEN'S BASEBALL
MIL STU AF INTRCOL ATHL-MEN BASEBALL | (133-L277) | 12,000.00 |
| 4. | UWM FOUNDATION
#800.00 AGS COLLECTION FUND
MILWAUKEE, WI
RESTORATION AND PRESERVATION OF COLLECTIONS IN
THE GOLDA MEIR LIBRARY
MIL LIBR A G S COLLECTION | (133-M203) | 2,400.00 |

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

5.	VARIOUS MILWAUKEE, WI UW-MILWAUKEE PHYSICS DEPARTMENT MIL L&S PHYSICS	(133-Q152)	100.00
6.	UWM FOUNDATION MILWAUKEE, WI SUPPORT FOR UWM ATHLETICS WOMEN'S SOCCER MIL STU AF INTRCL ATH-WOMEN SOCCER	(133-Q517)	800.00
7.	UWM FOUNDATION #683.8 MILWAUKEE, WI WISCONSIN RURAL REHABILITATION CORPORATION SCHOLARSHIPS AWARD # CK. #1545 MIL NURS ADMIN DEAN	(133-9002)	3,352.00

PHYSICAL PLANT

1.	EDUCATION, DEPT. OF WASHINGTON DC INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE CHEMISTRY BUILDING FOR THE PERIOD 06-12-74 THROUGH 03-01-90 AWARD # 5-5-00611-0 MIL ADM AF ASST CHAN OFFICE	(144-Q827)	14,677.00
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RESEARCH

1.	WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI 90-419-NM PRIME CONTRACTOR WITH DHHS LOW INCOME ENERGY STUDY FOR THE PERIOD 03-01-90 THROUGH 09-30-90 AWARD # P.O. FSJ86157 PD MIL S WELF SOC WELFARE ADMN SOC WEL AD	(144-BM57)	56,228.90
2.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD 90-244-NM IN SUPPORT OF THE FOLLOWING:		
1)	MECHANISMS OF METHYL TRANSFERS IN ACETYL - COA SYNTHESIS FOR THE PERIOD 02-01-89 THROUGH 01-31-91 AWARD # 5 R29 GM39451-03 MIL L&S CHEMISTRY	(144-AU05)	114,978.00
2)	POST-DISCHARGE EXPERIENCES OF CHRONICALLY ILL ELDERLY (PRE-DOCTORAL FELLOWSHIP) FOR THE PERIOD 01-16-90 THROUGH 01-15-91 AWARD # F31 NRO6294-01A1 NRRC MIL NURS FNDTNS OF NURS'G FNDT NURS'	(144-BL41)	12,500.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

3.	UWM FOUNDATION #842.0 SOUTHEASTERN WISCONSIN ARCHAEOLOGY ACCOUNT MILWAUKEE, WI ARCHAEOLOGY RESEARCH MIL L&S ANTHROPOLOGY	(133-G403)	1,000.00
4.	DOUGLAS D. GIERYN GREENFIELD, WI BETA RECEPTORS RESEARCH FUND MIL L&S BIOLOGICAL SCI	(133-M282)	154.99
5.	PATRICK H. KITZMAN MILWAUKEE, WI BIOLOGICAL SCIENCES DEPARTMENT CHAIR ACCOUNT (SLOANE) MIL L&S BIOLOGICAL SCI	(133-M292)	400.00
6.	ST. JOSEPH'S HOSPITAL MILWAUKEE, WI 90-360-BF NURSING RESEARCH FOR THE PERIOD 08/20/90 THROUGH 08/10/91 MIL NURS HLTH RESTORATION	(133-N463)	26,644.00
7.	UWM FOUNDATION (PRIME SPONSOR) MARSHALL & ILLSLEY FOUNDATION MILWAUKEE, WI MILWAUKEE PUBLIC SCHOOL SYSTEM HISTORY PROJECT FOR THE PERIOD 09/01/88 THROUGH 12/31/90 MIL L&S HISTORY	(133-N617)	15,000.00
8.	UWM FOUNDATION (WEURF) ACCOUNT NO. 363.9 MILWAUKEE, WI CENTER FOR BY-PRODUCTS UTILIZATION MIL ENG&AS CIVIL ENGINEER'G	(133-N999)	15,000.00
9.	SQUARE D COMPANY MILWAUKEE, WI 90-296-NM VIBRATION TESTING OF EQUIPMENT MIL ENG&AS CIVIL ENGINEER'G	(133-P193)	766.58
10.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI 90-402-NM TRINITY COLLEGE CAMPUS PLAN MIL ARC&UP ARCH&U P RES CTR	(133-P640)	2,500.00
11.	THE QUAKER OATS CO. BOB MURRAY/EXERCISE PHYSIOLOGY LAB BARRINGTON, ILLINOIS A GIFT IN SUPPORT OF RESEARCH EFFORTS IN EXERCISE PHYSIOLOGY LABORATORY, HUMAN KINETICS DEPARTMENT MIL A H P HUMAN KINETICS	(133-P693)	6,550.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

12.	UNIVERSAL FOODS MILWAUKEE, WI 90-118-NM AN INVESTIGATION OF THE EFFECTIVENESS OF ASTAXANTHIN AS A FISH FLESH COLOR ENHANCER FOR THE PERIOD 11/01/89 THROUGH 02/01/90 AWARD # CHECK NUMBER 53422 MIL GRAD GT LKS ST, CTR F	(133-Q004)	865.00
13.	NATIONAL MINERALS ST PAUL, MN 90-245-NM AFFILIATE PROGRAM FOR BY-PRODUCT UTILIZATION FOR THE PERIOD 10/01/89 THROUGH 09/30/90 AWARD # CHECK NO. 12118 MIL ENG&S CIVIL ENGINEER'G	(133-Q128)	7,500.00
14.	WISCONSIN POLICY RESEARCH INSTITUTE MILWAUKEE, WI 90-398-LK ROUNDTABLES ON URBAN EDUCATION: PARTNERSHIPS FOR PROGRESS FOR THE PERIOD 02/01/90 THROUGH 06/30/92 MIL GRAD R & E INST R&E INST	(133-Q504)	11,270.00
15.	MILWAUKEE COUNTY SOCIAL SERVICES MILWAUKEE, WI 90-072-NM YOUTH INITIATIVE EVALUATION - YEAR II FOR THE PERIOD 01/01/90 THROUGH 12/31/90 AWARD # 40-90381-100 MIL GRAD URBAN RESRCH CTR	(133-Q505)	51,662.00
16.	UWM FOUNDATION MILWAUKEE, WI M.I.S. DEVELOPMENT FUND MIL BUS AD MGMNT RESRCH CTR SBA RSRCH	(133-Q524)	20,000.00
17.	UWM FOUNDATION MILWAUKEE, WI CIVIL/MECHANICAL ENGINEERING DISCRETIONARY ACCOUNT MIL ENG&S CIVIL ENGINEER'G	(133-Q549)	3,006.00
18.	UWM FOUNDATION MILWAUKEE, WI ELECTRICAL ENGINEERING & APPLIED SCIENCES DISCRETIONARY RESEARCH ACCOUNT MIL ENG&S ELEC ENGR&COMP S ELECT ENGR	(133-Q550)	1,500.00
19.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI 90-414-NM SEEBOTH SHEET RIVERWALK (PHASE I) FOR THE PERIOD 02/01/90 THROUGH 03/15/90 MIL ARC&UP ARCH&U P RES CTR	(133-Q551)	7,500.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

20. DESIGN AND PLANNING INSTITUTE
SHOREWOOD, WI
90-433-NM
KENOSHA PLAN
FOR THE PERIOD 01/01/90 THROUGH 12/31/90
MIL ARC&UP ARCH&U P RES CTR (133-Q568) 15,000.00

STUDENT AID

1. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
WDNR INTERNS
FOR THE PERIOD 09/11/89 THROUGH 12/22/89
AWARD # 83-9
MIL STU AF CAREER DEV CTR PROVISIONL (133-G402) 438.00

2. UWM FOUNDATION
#271
MILWAUKEE, WI
CEAS-GATEWAY TO ENGINEERING, SCIENCE AND TECH
(GEST)
FOR THE PERIOD 05/01/84 THROUGH 06/30/99
MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-G404) 4,000.00

TOTAL MILWAUKEE 601,244.56

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INSTRUCTION	185,817.00
MISCELLANEOUS	26,287.09
PHYSICAL PLANT	14,677.00
RESEARCH	370,025.47
STUDENT AID	4,438.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

- | | | | |
|----|---|------------|----------|
| 1. | ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
UNIVERSITY OF WISCONSIN-GREEN BAY ARTS &
PERFORMANCES
FOR THE PERIOD 10-01-86 THROUGH 04-30-90
AWARD # AGR DTD 05-19-86, MOD. 4
GBY AC PRG ARTS & PRFORMNCS | (144-Y495) | 2,700.00 |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
COFRIN ARBORETUM DIRECTOR'S GRANT
GBY COM PR GENERAL | (133-K756) | 8,000.00 |

PHYSICAL PLANT

- | | | | |
|----|---|------------|-----------|
| 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 04-01-90
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 04-01-90
AWARD # 5-5-00637-0
GBY UNIT-W DEBT SV AC BLDGS | (144-K555) | 29,685.00 |

RESEARCH

- | | | | |
|----|---|------------|------------|
| 1. | EDUCATION, DEPT OF
WASHINGTON, DC
UPWARD BOUND
FOR THE PERIOD 03-01-90 THROUGH 05-31-91
AWARD # PO47A0003
GBY UG STU ACAD SUPP | (144-BM47) | 160,600.00 |
| 2. | J.M. COMPANY
MANITOWOC, WI
SOLIDIFIER DEVELOPMENT
GBY ENV SC NAT APP SC | (133-P365) | 243.76 |

UNRESTRICTED

- | | | | |
|----|--|------------|----------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
VICE CHANCELLOR'S DISCRETIONARY FUND
GBY AC AFF VICE CHANC | (133-N698) | 4,000.00 |
|----|--|------------|----------|

TOTAL GREEN BAY

260,626.76

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MISCELLANEOUS	10,700.00
PHYSICAL PLANT	85,083.00
RESEARCH	160,843.76
UNRESTRICTED	4,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - LACROSSE

GIFT-IN-KIND

1. ANN KORSCHGEN
LA CROSSE, WI
IBM PRINTER
LAC STU DE PLACE&CAREER ADV

TOTAL LACROSSE

.00

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GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WINNE-FOND LAKE CONSORTIUM
OSHKOSH, WI
PRIME CONTRACTOR WITH LABOR
FUNDS TO PROVIDE A BROAD AND FLEXIBLE RANGE
OF EDUCATIONAL/EMPLOYMENT TRAINING OPTIONS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # 90 30 WJ, MOD. 1
OSH EDUC INSTRUCTION (144-4407) 50,262.00
2. WINNE-FOND LAKE CONSORTIUM
OSHKOSH, WI
PRIME CONTRACTOR WITH LABOR
FUNDS IN SUPPORT OF CENTER FOR CAREER DEVELOPMENT
AND EMPLOYABILITY TRAINING
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # 90 30 WJ
OSH EDUC INSTRUCTION (144-4413) 129,648.55

GIFT-IN-KIND

1. JEAN R. RENTMEISTER
FOND DU LAC, WI
60 POUND MINERAL SPECIMEN OF DIGENITE
OSH L&S GEOLOGY
2. KODAK CORPORATION
WINDSOR, CO
PERKIN-ELMER LAMBDA 3B UV/VISIBLE SPECTROPHOTO-
METER, VARIAN MODEL 3700 GAS CHROMATOGRAPH AND
A SPECTRA PHYSICS COMPUTING INTEGRATOR
OSH L&S CHEMISTRY

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT: FISCAL YEAR 1989-90
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # P063P97123, MOD. 2
OSH STU A ED OPPOR GRANTS (148-4813) 139,451.00

UNRESTRICTED

1. MOWRY SMITH III
NEENAH, WI
FUNDS TO BE USED FOR THE PURCHASE OF LIBRARY
MATERIALS AND SUPPLIES
INDEFINITE TIME PERIOD
OSH LIBR OPERATIONS (133-3328) 215.12

TOTAL OSHKOSH

319,576.67
=====

EXTENSION AND PUBLIC SERVICE	179,910.55
STUDENT AID	139,451.00
UNRESTRICTED	215.12

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1.	REGIONAL STAFF DEVELOPMENT CENTER			
	PKS G E A CHANCELLORS OFF ADMIN	(133-M132)		
	1,050.00	CARTHAGE COLLEGE		
		KENOSHA, WI		
	500.00	WILMOT UNION HIGH SCHOOL		
		WILMOT, WI		
	15,000.00	RACINE UNIFIED SCHOOL DISTRICT		
		RACINE, WI		
	637.50	JOINT SCHOOL DISTRICT NO. 2		
		SALEM, WI		
				17,187.50

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 04-01-90			
	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 04-01-90			
	AWARD # 5-5-00644-0			
	PKS UNIT-W DEBT SV AC BLDGS	(144-K925)		26,344.00

RESEARCH

1.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH			
	BETHESDA, MD			
	IN SUPPORT OF THE FOLLOWING:			
1)	ACQUISITION OF LANGUAGE IN DIFFERENT SOCIAL			
	CONTEXTS			
	FOR THE PERIOD 08-01-88 THROUGH 07-31-90			
	AT A TOTAL COST OF \$54,852.00			
	AWARD # 3 RO1 HD20936-03S1, MOD. 1			
	PKS LIB AR PSYCHOLOGY	(144-APO6)		2,714.00
2)	STUDIES OF PEROXIDASES, CATALASES AND			
	CYTOCHROME P-450			
	FOR THE PERIOD 04-01-89 THROUGH 03-31-91			
	AT A TOTAL COST OF \$72,807.00			
	AWARD # 5 RO1 GM41822-02, MOD. 1			
	PKS SCI&TE CHEMISTRY	(144-AX74)		34,478.00
2.	KENOSHA COUNTY DEPARTMENT OF SOCIAL SERVICES			
	KENOSHA, WI			
	CHRYSLER WORKER FOLLOW-UP PROJECT FOR THE PERIOD			
	11-30-89 THRU 06-30-90			
	PKS LIB AR SOC-ANTHRO	(133-Q446)		4,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AT A TOTAL COST OF \$1,518,241.00 AWARD # PO63P97124, MOD. 3 PKS BUS SV FELLOWS & SCHOLS	(148-G090)	88,879.00
2.	MULTIPLE DONORS SCHOLARSHIP FOR OUTSTANDING SCIENCE STUDENT PKS SCI&TE DEAN'S OFF	(133-F149)	200.00
3.	MULTIPLE DONORS DRAMATIC ARTS SCHOLARSHIP FUND PKS LIB AR DRAMA ARTS	(133-G871)	50.00
4.	MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-9472)	5,375.00
	TOTAL PARKSIDE		214,379.50 =====
	MISCELLANEOUS		17,187.50
	PHYSICAL PLANT		61,496.00
	RESEARCH		41,192.00
	STUDENT AID		94,504.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
WASHINGTON, DC
FUNDS TO SUPPORT PUBLICATION OF PAMPHLETS FOR
ASSISTING MIDDLE SCHOOL TEACHERS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # PAJ 01789
PLT G EXT EXTENSION CEYA EXTEN CEYA (144-0489) 13,000.00
2. TOWN OF MT. PLEASANT
RACINE, WI
FUNDS IN SUPPORT OF A POLICE DEPARTMENT
STAFFING STUDY
FOR THE PERIOD 02-26-90 THROUGH 06-30-90
AWARD # 02-27-90
PLT ART&SC CRIMINAL JUSTICE (133-0500) 5,000.00

GIFT-IN-KIND

1. JARED, A.H.
PLATTEVILLE, WI
COMPUTER, LEADING EDGE, MODEL D
PLT B,I&C INDUSTRIAL STU
2. ALLEN-BRADLEY/ROCKWELL INTL.
ELM GROVE, WI
CONTROLLERS, PROGRAMMABLE 7SLC-1000
PLT ENGR ELECTRICAL ENGR
3. ENGINEERED PLASTICS
MENOMONIEE FALLS, WI
INJECTION MOLDING MACHINE 55 TON, VAN DORN
PLT B,I&C INDUSTRIAL STU
4. JENSEN, LOUISE
PLATTEVILLE, WI
PIANO, TECHNICS DIGITAL
PLT ART&SC MUSIC

TOTAL PLATTEVILLE

18,000.00

=====

EXTENSION AND PUBLIC SERVICE

18,000.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - STEVENS POINT

GIFT-IN-KIND

1. SENTRY INSURANCE
STEVENS POINT, WI
ECG EQUIPMENT: MODEL 644 PROGRAMMER; 2 MODEL 740
DATA COMPUTERS; 633 MONITORING SYSTEM AND MODEL
610A DEFIBRILATOR
STP COPS SCHOOL OF HPERA HLTH & PE
2. AT&T
MORRIS PLAINS, NJ
COMPUTER EQUIPMENT
STP AC SUP ACAD COMP SVCS

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT: FISCAL YEAR 1989-90
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # P063P97127, MOD. 2
STP STU LI FINANCIAL AIDS BASIC OP G (148-2209) 617,491.00

TOTAL STEVENS POINT 617,491.00

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STUDENT AID 617,491.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS IN SUPPORT OF THE MARYBELLE HICKNER
SYMPOSIUM ON AGING
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO H ECON SCH-HOME EC ADM (133-0364) 2,000.00
2. MENOMONIE CHAMBER OF COMMERCE
MENOMONIE, WI
FUNDS FOR USE IN THE GRAPHIC DESIGN DEPARTMENT
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO LIB ST ART PROGRAM DIR (133-0468) 163.35
3. WISCONSIN STATE COUNCIL KNIGHTS OF COLUMBUS
MADISON, WI
FUNDS TO SUPPORT EXPENSES FOR THE DEVELOPMENTALLY
DISABLED CONFERENCE
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO ET&PS EXTENSION ADMIN NON-CR OTR (133-0690) 1,000.00

GIFT-IN-KIND

1. ALLIED GEAR AND MACHINE COMPANY
ST. LOUIS, MO
CYLINDERS AND ROTARY DIE FOR ALLIED GEAR FLEXO
PRESS.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
2. LOUIS O. WERNEKE COMPANY
PLYMOUTH, MN
WATER-BASED FLEXOGRAPHY INK, INK ADDITIVES, AND
VIDEOTAPES.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
3. GRAYMILLS CORPORATION
CHICAGO, IL
INK PUMPS AND PARTS FOR PUMPING SYSTEM OF
ALLIED GEAR TWO-COLOR FLEXO-PRESS.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
4. MOTOROLA, INC.
AUSTIN, TX
MOTOROLA 68HC11 EVB DESIGN KIT
STO LIB ST MATHEMATICS MATH
5. HOLUBECK, INC.
WAUKESHA, WI
FLATBED SCREEN PRINTING PRESS
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
6. PERRY-GUGLER LITHOGRAPHICS
MILWAUKEE, WI
PRINTING OF THE GRAPHIC ARTS UPDATE FALL 1989
ISSUE
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

7. VIV-A-COLOR, INC. LITHOGRAPHERS
MILWAUKEE, WI
IMAGE ASSEMBLY, PLATE FILMS, CHROMALIN PROOFS, AND
A PRINT BOOK FOR THE GRAPHIC ARTS UPDATE FALL 1989
ISSUE.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
8. ARANDELL-SCHMIDT
MENOMONEE FALLS, WI
8500 SHEETS OF 25 X 38 LITHOFECT SWEDE PAPER FOR
GRAPHIC ARTS UPDATE FALL 1989 ISSUE.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
9. JAMES RIVER CORPORATION
KALAMAZOO, MI
GRAVURE CYLINDER FOR DISPLAY AND DEMONSTRATION
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
10. HARRY HERBERT
MENOMONIE, WI
SONY VIDEO CASSETTE RECORDER, MODEL SL2400
STO LIB RE TELECOM SVCS
11. 3M
ST. PAUL, MN
35 YARDS OF SPECIALTY FABRIC
STO H ECON APPAREL, TEX&DES
12. LAMMERS FOODS
MENOMONIE, WI
FIVE CASH REGISTERS, FOUR SCANNERS AND TWO
PROCESSORS
STO I&TECH
13. GRAVURE EDUCATION FOUNDATION
VALENCIA, PA
PRINTED COPY OF THE GAA GRAVURE PROFILE SURVEY,
1989
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
14. LECTRA SYSTEMS, INC.
MARIETTA, GA
"COST" SOFTWARE AND CORRESPONDING TRAINING
STO H ECON APPAREL, TEX&DES
15. K-MART
MENOMONIE, WI
TOYS, PUZZLES, CRAYONS, COLORED PAPER, WHITE PAPER
GLUE, CURTAIN AND CURTAIN ROD, TRUCKS, PLAY DOUGH,
ETC. FOR PLAY THERAPY ROOMS
STO ED&H S COUNSL & PSY SV
16. E.J. SMITH
COLFAX, WI
HINGES, PAINT, STUFFED ANIMALS, SMALL STOOL AND
LABOR
STO ED&H S COUNSL & PSY SV

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

17. R.W. BRUNNER CO.
MENOMONIE, WI
CONSTRUCTION OF CABINET FOR PLAY THERAPY
ROOM AT CLINICAL SERVICES.
STO ED&H S COUNSL & PSY SV
18. UBC LUMBER
MENOMONIE, WI
MATERIALS TO BUILD A CABINET
STO ED&H S COUNSL & PSY SV
19. NATIONAL MUTUAL BENEFIT BRANCH 927
MENOMONIE, WI
TABLES AND CHAIRS, STOVE, CUPBOARD, REFRIGERATOR
(CHILD SIZE), DISHES, POTS AND PANS, PLAY FOOD,
DOLL, BOOKS, PUZZLES, GAMES, TRUCKS, CARS, BALLS,
DOLL HOUSE, BLOCKS, PAINT, BRUSHES, ETC.
STO ED&H S COUNSL & PSY SV
20. TURSSO COMPANIES
ST. PAUL, MN
ALLIED GEAR TWO-COLOR 10 INCH FLEXOGRAPHIC
PRINTING PRESS
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C

INSTRUCTION

1. FUNDS IN SUPPORT OF SMALL EQUIPMENT FOR THE
FOOD PRODUCTION LABORATORY (CORNER III)
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO H ECON HABITATNL RESRCS (133-0329)
- | | | | |
|--|----------|----------------------|----------|
| | 500.00 | MARRIOTT CORPORATION | |
| | | WASHINGTON, DC | |
| | 1,000.00 | ARA SERVICES | |
| | | OAK BROOK, IL | |
| | | | 1,500.00 |

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS IN SUPPORT OF THE ASSISTANT COACHES FUND
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO LIB ST P ED & ATHLETICS HLTH&P ED (133-0716) 5,473.88

RESEARCH

1. EDUCATION, DEPT OF
WASHINGTON, DC
NEW DIRECTIONS FOR REHABILITATION FACILITIES IN
PROVIDING COMMUNITY-BASED PROGRAMMING AND
INTEGRATED EMPLOYMENT TO PERSONS WITH SEVERE
DISABILITIES
FOR THE PERIOD 03-01-90 THROUGH 02-28-91
AWARD # H133B80049-90
STO ED&H S ST VOC REHAB IN RES&TRNG C (144-0899) 672,644.00

TOTAL STOUT 682,781.23
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EXTENSION AND PUBLIC SERVICE	3,163.35
INSTRUCTION	1,500.00
MISCELLANEOUS	5,473.88
RESEARCH	672,644.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - SUPERIOR

GIFT-IN-KIND

1. RICHARD A. WARDER FAMILY
HAYWARD, WI
LEPIDOPTERAN COLLECTION
SUP SCI&M BIOLOGY

TOTAL SUPERIOR

.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. EDGEWOOD HIGH SCHOOL
MADISON, WI
PERCEPTIONS OF A CATHOLIC HIGH SCHOOL
FOR THE PERIOD 02-15-90 THROUGH 06-15-90
WTW GRAD DN GRAD STUDIES (133-1349) 1,721.00

GIFT-IN-KIND

1. APPLE COMPUTER, INC.
MADISON, WI
2 MAC IIC: HARD DISK CPUS AND ACCOMPANYING
HARDWARE
WTW BUS&EC ECONOMICS

INSTRUCTION

1. WI DEPT OF TRANSPORTATION
MADISON, WI
FUNDS IN SUPPORT OF MOTORCYCLE INSTRUCTION
PREPARATION
FOR THE PERIOD 03-01-90 THROUGH 11-30-90
AWARD # LTR DTD 2/19/90
WTW EDUC SAFETY STUDIES (133-1350) 14,586.00

TOTAL WHITEWATER 16,307.00
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EXTENSION AND PUBLIC SERVICE 1,721.00
INSTRUCTION 14,586.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. MS. LORI SKROBER
HARTLAND, WI
CHILD ABUSE IN THE CLASSROOM, CROSSWAY BOOKS, 1984
CNS WAUK LIBRARY LIB ACQUIS
2. PROFESSOR MARY ELLEN YOUNG
WAUKESHA, WI
TWENTY BOOKS AND 2 VIDEOCASSETTES
CNS WAUK LIBRARY LIB ACQUIS
3. PROFESSOR BLAKE MCNULTY
WAUKESHA, WI
FOUR BOOKS
CNS WAUK LIBRARY LIB ACQUIS

MISCELLANEOUS

1. MULTIPLE DONORS
DRAMA DONOR FUND
CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410) 130.00
2. MULTIPLE DONORS
THEATRE SUPPLIES
CNS SHEBOY STUDENT AFFAIRS DRAMA PROD (133-M680) 293.34
3. MULTIPLE DONORS
THEATRE PROGRAM
CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092) 175.00
4. FRIENDS & ALUMNI FOUNDATION OF UWW, INC.
WAUKESHA, WI
FILMS FOR GEOGRAPHY DEPARTMENT
CNS WAUK GEOGRAPHY (133-N715) 1,000.00
5. NELSON (HARVEY) CHARITABLE TRUST
WAUSAU, WI
RESEARCH AND PROFESSIONAL DEVELOPMENT
DISCRETIONARY FUND
CNS MARATH ADMINISTRATION PRF DEV (133-P107) 2,000.00
6. FIGI'S INC.
MARSHFIELD, WI
WOOD COUNTY SYMPHONY
CNS MARSH STUDENT AFFAIRS WOOD SYMPH (133-P173) 1,250.00
7. F & A FOUNDATION
WAUKESHA, WI
DEAN'S DISCRETIONARY ACCOUNT
CNS WAUK (133-Q495) 2,900.00
8. MULTIPLE DONORS
AARON BOHRD GALLERY
CNS FOX VA STUDENT AFFAIRS LECT & F A (133-Q547) 200.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

RESEARCH

1. INDIANA UNIVERSITY BLOOMINGTON, IN MUCIA-MALAYSIA PROJECT CNS BARRON ADMINISTRATION	PRF DEV	(133-P184)	24,894.00
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STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AT A TOTAL COST OF \$3,429,758.00 AWARD # P063P97118, MOD. 2 CNS		(148-R090)	327,173.00
2. MULTIPLE DONORS SCHOLARSHIPS CNS RICH STUDENT AFFAIRS	FELL & SCH	(133-P662)	150.00
3. FOND DU LAC UNIVERSITY OF WISCONSIN CENTER FOUNDATION, INC. FOND DU LAC, WI SCHOLARSHIPS CNS FD LAC STUDENT AFFAIRS	FELL & SCH	(133-P722)	173.30
4. WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI PRECOLLEGE MINORITY SCHOLARSHIP PROGRAM CNS B-SAUK M.-D. PRGS		(133-Q490)	4,512.00

TOTAL CENTER SYSTEM			364,850.64
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MISCELLANEOUS	7,948.34
RESEARCH	24,894.00
STUDENT AID	332,008.30

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1.	PUBLIC BROADCASTING SERVICE WASHINGTON, DC CABLE ROYALTY FEES FOR STATION SUPPORT EXT TELCOM WHA TELEVISION	(133-H016)	15,702.00
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E RURAL LEADERSHIP	(133-H773)	50,000.00
3.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION	(133-M807)	
	760.00 MULTIPLE DONORS 6,000.00 BOARDMAN, SUHR, CURRY AND FIELD MADISON, WI 2,250.00 SMITH MOTORS FT. ATKINSON, WI		9,010.00
4.	GREEN LAKE COUNTY GREEN LAKE, WI COUNTY SUPPORT FOR 4-H AND YOUTH AGENT AND HOME ECONOMIST-GREEN LAKE COUNTY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 EXT COOP E CO&AREA OFC-CTRL	(133-P293)	1,149.00
5.	LINCOLN COUNTY MERRILL, WI COUNTY SUPPORT FOR AGRICULTURE AGENT-LINCOLN COUNTY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 EXT COOP E CO&AREA OFC-CTRL	(133-P294)	689.00
6.	FOND DU LAC COUNTY FOND DU LAC, WI COUNTY SUPPORT FOR HOME ECONOMIST AGENT, FOND DU LAC COUNTY FOR THE PERIOD 07-01-89 THRU 06-30-90 EXT COOP E CO&AREA OFC-N E	(133-P296)	3,915.00
7.	WASHBURN COUNTY SPOONER, WI SERVICES OF A HOME ECONOMIST, 4-H YOUTH AGENT AND A CRD AGENT FOR THE PERIOD 07-01-89 THROUGH 06-30-90 EXT COOP E C&AREA OFC-NORTH	(133-P307)	4,399.00

MISCELLANEOUS

1.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM	(TRUST)	500.00
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GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - EXTENSION

MISCELLANEOUS

2. MULTIPLE DONORS
ALPHA SIGMA--ESP GRANT FUND (EXT)
EXT COOP E BUDGET & FIN OFF (TRUST) 60.00

STUDENT AID

1. MULTIPLE DONORS
ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT)
EXT COOP E BUDGET & FIN OFF (TRUST) 100.00

TOTAL EXTENSION 85,524.00
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EXTENSION AND PUBLIC SERVICE 84,864.00
MISCELLANEOUS 560.00
STUDENT AID 100.00

GIFTS, GRANTS AND CONTRACTS
APRIL 6, 1990

UNIVERSITY OF WISCONSIN - SYSTEM WIDE

GIFT-IN-KIND

1. DIGITAL EQUIPMENT CORP.
BROOKFIELD, WI
CAMPUS WIDE SOFTWARE LICENSE GRANT
SYS COMP O COMPUTER OPS

TOTAL SYSTEM WIDE

.00

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APRIL 6, 1990
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 02-17-90 THROUGH 03-16-90

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	7,948	-0-	24,894	332,008	-0-	364,851
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	84,864	-0-	-0-	560	-0-	-0-	100	-0-	85,524
GREEN BAY	-0-	-0-	-0-	10,700	85,083	160,844	-0-	4,000	260,627
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	100	67,435	749	1,739,003	26,626	21,114,935	88,806	5,075	23,042,729
MILWAUKEE	-0-	185,817	-0-	26,287	14,677	370,025	4,438	-0-	601,245
OSHKOSH	179,911	-0-	-0-	-0-	-0-	-0-	139,451	215	319,577
PARKSIDE	-0-	-0-	-0-	17,188	61,496	41,192	94,504	-0-	214,380
PLATTEVILLE	18,000	-0-	-0-	-0-	-0-	-0-	-0-	-0-	18,000
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	617,491	-0-	617,491
STOUT	3,163	1,500	-0-	5,474	-0-	672,644	-0-	-0-	682,781
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	1,721	14,586	-0-	-0-	-0-	-0-	-0-	-0-	16,307
TOTAL APR 1990	287,759	269,338	749	1,807,160	187,882	22,384,534	1,276,799	9,290	26,223,511
PREVIOUSLY REPORTED	14,377,029	14,705,066	1,065,051	14,310,456	699,492	167,047,049	73,216,164	247,334	285,667,639
GRAND TOTAL	14,664,788	14,974,404	1,065,800	16,117,616	887,374	189,431,583	74,492,963	256,624	311,891,150
TOTAL APR 1989	350,059	795,519	1,595	1,268,137	211,920	18,458,771	4,304,903	16,534	25,407,437
PREVIOUSLY REPORTED	10,629,502	12,059,239	885,984	11,803,394	2,265,820	164,691,679	68,428,746	162,474	270,926,838
GRAND TOTAL	10,979,561	12,854,758	887,579	13,071,531	2,477,740	183,150,450	72,733,649	179,009	296,334,275
FEDERAL TOTAL APR 1990	192,911	205,255	-0-	18,405	187,882	17,422,234	1,174,054	-0-	19,200,741
PREVIOUSLY REPORTED	4,700,824	12,936,655	319,661	2,880,943	676,727	108,973,302	69,007,003	-0-	199,495,114
FEDERAL GRAND TOTAL	4,893,734	13,141,910	319,661	2,899,348	864,609	126,395,536	70,181,057	-0-	218,695,854
FEDERAL TOTAL APR 1989	112,855	691,043	-0-	124,011	211,920	14,271,284	3,764,661	12,000	19,187,774
PREVIOUSLY REPORTED	3,924,473	10,340,937	319,827	2,775,626	1,000,070	118,401,066	65,368,828	-0-	202,130,826
FEDERAL GRAND TOTAL	4,037,328	11,031,980	319,827	2,899,637	1,211,990	132,672,350	69,133,489	12,000	221,318,600

BYLAWS
OF THE
BOARD OF REGENTS
of the
UNIVERSITY OF WISCONSIN SYSTEM

As Adopted 11-5-71 and Amended to 4-6-90

EXHIBIT A

BYLAWS
of the
BOARD OF REGENTS
of the
UNIVERSITY OF WISCONSIN SYSTEM

CHAPTER I
MEETINGS AND BUSINESS OF THE REGENTS

Annual Meetings

Section 1. The annual meetings of the Board of Regents of the University of Wisconsin System shall be held, unless otherwise specially ordered, on the Friday following the first Monday in June, at nine o'clock in the morning.

Regular Meetings

Section 2. Regular meetings of the Regents shall be held on the Friday following the first Monday in each month, at nine o'clock in the morning, unless otherwise specially ordered.

Special Meetings

Section 3. A special meeting of the Regents of the University of Wisconsin System may be called at any time, upon request of at least five members of the Board or by the President of the Board. The notice calling any special meeting of the Board shall normally be served by the Secretary on each member of the Board in writing, by depositing same in the post office or telegraph office at Madison, or by personal service at least five days before the time of the meeting. Where, in the judgment of the President of the Board, following consultation with available members of the Executive

Committee, it is determined that a special Board meeting is required with notification of less than five days, but not less than two days, such a meeting may be called provided the subject is limited, all available members of the Board are queried by phone or personal contact and two-thirds of those contacted agree. Unless the call of a special meeting is limited, it shall be valid to act on any subject within the power of the Board.

Place of Meetings

Section 4. All meetings of the Board shall be held in Madison, unless otherwise ordered by the Board.

Quorum

Section 5. A majority of the members of the Board shall constitute a quorum.

Parliamentary Rules and Order of Business

Section 6. General parliamentary rules as set forth in Robert's Rules of Order, current edition, and as modified by rules and regulations of the Board shall be observed in conducting the business of the Board in session.

The order of business at all meetings shall be as follows:

1. Calling of the roll
2. Reading of the minutes of the proceedings of the last meeting; amendment or approval of the same
3. Report of the President of the Board
4. Report of the President of the University System
5. Report of the Secretary
6. Reports of standing committees
7. Reports of special committees
8. Miscellaneous resolutions
9. Communications, petitions, and memorials
10. Unfinished and miscellaneous business

CHAPTER II

Officers of the Board and Their Duties

Section 1. The officers of the Board shall consist of a president, a vice president, a secretary, and such assistant secretaries as the Board from time to time shall determine, and a trust officer and such assistant trust officers as the Board from time to time shall determine.

Mode of Election

Section 2. The officers of the Board shall be elected by ballot at the annual meeting, and shall hold their respective offices for one year, beginning immediately upon election, and until their successors shall be elected and have qualified.

Duties of the President of the Board

Section 3. The President of the Board shall preside at all meetings, shall appoint the members of all standing and special committees of the Board, shall be an ex officio voting member of all committees, and shall discharge the ordinary duties of such officer in the pursuance of parliamentary law. The President of the Board shall, with the President of the University System, sign all diplomas and, with the Secretary countersigning, shall sign all contracts and instruments authorized or issued by authority of the Board, except such contracts and instruments as the Board or its Executive Committee may authorize any officer or employee of the University to sign. The President of the Board shall, with the President of the University of Wisconsin System, present budget requests to the Governor and the Legislature and shall act as spokesman for the Board before the Governor and before all legislative groups in matters of educational program planning, the use of existing facilities and personnel, budgetary problems, and building priorities.

Duties of the Vice President of the Board

Section 4. The Vice President of the Board shall be an ex officio voting member of all committees, and shall, in the absence of the President, perform all the duties of the President.

Duties of the President Pro Tem

Section 5. In the absence of the President and the Vice President the Board may appoint a president pro tem, who shall perform the duties of presiding officer of the Board.

Duties of the Secretary

Section 6. It shall be the duty of the Secretary to give at least ten days' notice of the regular meetings of the Board, to keep a record of the proceedings of the Board at their several meetings, to keep a separate record of the proceedings of the Executive Committee, and a record of the proceedings of each of the standing committees, whensoever requested thereto by the Chairman; to keep the corporate seal and by countersigning execute with the President of the Board instruments and contracts ordered by the Board; and to preserve all documents pertaining to his or her office. The Secretary shall perform such other duties as are imposed on him or her by law and the rules and orders of the Board.

The Secretary shall, as soon as practicable after the record of proceedings of meetings has been perfected, transmit, by mail, to each regent a copy of the record of the meetings of the Board, and of the committees thereof. The Secretary shall maintain an up-to-date codification of all policy actions of the Board as referred to in Section 1. of Chapter V of the Bylaws.

Assistant Secretaries

Section 7. The Board shall, at the same time and in the same manner as it elects its Secretary, also elect such number of Assistant Secretaries as it shall deem necessary. The duties of the Assistant Secretaries shall be to assist the Secretary in the performance of his or her duties, and they shall perform such duties as may be assigned to them by the Secretary or the Board of Regents. In the absence of the Secretary, an Assistant Secretary shall act as and perform all the duties of the Secretary.

Trust Officer and Assistant Trust Officers

Section 8. It shall be the duty of the Trust Officer to receive, manage, and maintain records of all trust funds of the University of Wisconsin System and to perform such other duties relating to trust funds as are imposed upon him or her by law and the rules and orders of the Board or the Business and Finance Committee of the Board. The Assistant Trust Officers shall assist the Trust Officer in the performance of his or her duties and shall perform such other duties as may be assigned to them by the Trust Officer, the Board or the Business and Finance Committee of the Board.

CHAPTER III

Committees of the Board

Section 1. There shall be six standing committees of the Board of Regents as follows:

- (1) Education Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.
- (2) Business and Finance Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.
- (3) Physical Planning and Development Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.
- (4) Executive Committee consisting of the President of the Board, who shall serve as Chairman, the Vice President of the Board, the Chairman of the Education Committee, the Chairman of the Business and Finance Committee, the Chairman of the Physical Planning and Development Committee, the member of the Board who shall have most recently been the President of the Board and one other member of the Board appointed by the President of the Board. In the event that there shall be no member of the Board who shall have previously been President of the

Board, such position on the Executive Committee shall be filled by a member of the Board appointed by the President of the Board.

(5) Personnel Matters Review Committee consisting of at least three members appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members. The President shall designate the Chairman of the Committee.

(6) Committee on Student Discipline and Student Governance Appeals consisting of at least three members appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members. The President shall designate the Chairman of the Committee.

Special Regent committees may be created from time to time as necessity demands by an affirmative majority vote of the Board, and the President shall appoint the members thereto and the Chairman thereof. A Special Regent Committee shall not be created for any matter which is properly before any of the standing committees.

Meetings of the committees may be called by the Chairman, or by the Secretary of the Board upon the request of two members, or upon the request of the President of the University System.

Duties of the Education Committee

Section 2. The Education Committee shall have charge of consideration of all matters of an educational nature related to the instruction, research, and public service functions of the University, the academic personnel, and to student services and welfare. The Chairman of the Education Committee may create one or more subcommittees to consider any matter properly before the Education Committee and shall appoint the subcommittee members and the chairman from among those members of the Board serving on the Education Committee.

Duties of the Business and Finance Committee

Section 3. The Business and Finance Committee shall have charge of consideration of all matters related to operating budget, finances, trust funds, business operations, audit oversight and reviews, and to non-academic personnel.

Authority is delegated to the Business and Finance Committee to hire investment counsel, subject to Board approval, and to give discretionary authority to investment counsel in the purchase and sale of securities within guidelines determined by the Committee. The Chairman of the Business and Finance Committee may create one or more subcommittees to consider any matter properly before the Business and Finance Committee and shall appoint the subcommittee members and the Chairman from among those members of the Board serving on the Business and Finance Committee.

Duties of the Physical Planning and Development Committee

Section 4. The Physical Planning and Development Committee shall have charge of consideration of all matters related to the capital building program. This includes approval of budgets, advance planning, concept and

budget reports, funding and capital budget development policies, and authorization to bid and construct in connection with projects for new construction and improvements of \$30,000 or more; location of new buildings and improvements; facilities namings; gifts-in-kind of facilities; campus development and transportation plans; real estate transactions, including sale, purchase, exchange, lease, zoning, relocation costs, and condemnation; easements and land use permits; telecommunication system acquisitions; steam sale agreements; assessable improvements; and Wisconsin Environmental Policy Act implementation. The Chairman of the Physical Planning and Development Committee may create one or more subcommittees to consider any matter properly before the Physical Planning and Development Committee and shall appoint the subcommittee members and the Chairman from among those members of the Board serving on the Physical Planning and Development Committee.

Duties of the Executive Committee

Section 5. The Executive Committee shall have the powers of the Board, when the Board is not in session, and shall provide for the execution of orders and resolutions not otherwise specially committed or provided for. A separate record of the proceedings of this Committee shall be kept by the Secretary, and the same shall be submitted to the Board for inclusion in the record at the next regular or special meeting.

Duties of the Personnel Matters Review Committee

Section 6. The President of the Board may refer faculty and staff personnel matters involving requests for hearing, petitions for review, and appeals to the Board to the Personnel Matters Review Committee.

(1) Mandatory review. Where an opportunity to be heard, a review or an appeal to the Board is required by the Board's administrative rules, such as UWS 4.08, 5.14(3) or 11.10, *Wisconsin Administrative Code*, or under Board policies, the Committee may conduct the hearing, review or appeal. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. The Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

(2) Discretionary review. Where consideration of a matter by the Board is discretionary either under the Board's administrative rules, such as UWS 5.14(2), 6.01(5), 6.02, 11.07, or 12.05(8), *Wisconsin Administrative Code*, or under Board policies, or on any other basis, it shall first be determined whether the request for Board consideration should be granted. In making the determination, the following factors shall be considered:

- (a) The case involves substantial constitutional claims;
- (b) There is a serious concern that the chancellor has abused his/her discretion or exceeded his/her authority;
- (c) The decision made at the institutional level could have systemwide implications; or
- (d) The final institutional decision is based upon facts not supported by the record, resulting in material prejudice to the individual seeking review.

(3) If the Board determines that a request for Board consideration should be granted, the Committee may conduct the review or hearing. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. The Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

Duties of the Committee on
Student Discipline and Student Governance Appeals

Section 7. The President of the Board may refer requests for hearing, petitions for review, and appeals involving student discipline or student governance matters to the Committee on Student Discipline and Student Governance Appeals.

(1) Student discipline matters.

(a) Mandatory review. Where an opportunity to be heard, a review or an appeal to the Committee on Student Discipline is required by the Board's administrative rules, such as under ss. UWS 17.09 or 17.10(1) - (5), Wisconsin Administrative Code, the Committee shall conduct the hearing, review or appeal. All such proceedings shall be conducted on the record of the matter created at the institutional or administrative levels. The Committee shall prepare findings and a decision, which shall be final.

(b) Discretionary review. Where consideration of a student discipline matter is discretionary under the Board's administrative rules, such as under ss. UWS 14.10 and UWS 17.10(6), Wisconsin Administrative Code, the Committee shall first determine whether the request for consideration should be granted. In making the determination, the following factors shall be considered:

- (i) The case involves substantial constitutional claims;
- (ii) There is a serious concern that the chancellor has abused his/her discretion or exceeded his/her authority;
- (iii) The decision made at the institutional level could have systemwide implications; or
- (iv) The final institutional decision is based upon facts not supported by the record, resulting in material prejudice to the individual seeking review.

(c) Where the review of a student discipline matter is discretionary, the Committee shall prepare a recommendation as to whether the request for review should be granted, and shall transmit it to the Board for action. If the Board determines that a request for consideration should be granted, the Committee may conduct the review. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. Unless the request for review is withdrawn, the Committee shall prepare findings and a decision, and shall transmit them to the Full Board for final action.

(2) Student governance appeals.

(a) Mandatory review. Where review of a student governance matter is required by the Board's policies, such as by Regent Policy Document 86-4, *Guidelines for Implementation of 36.09(5), Wisconsin Statutes*, the Committee may conduct the review. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative

levels. The Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

(b) Discretionary review. Where review of a student governance matter is discretionary under the Board's policies, such as Regent Policy Document 86-4. *Guidelines for Implementation of s. 36.09(5), Wisconsin Statutes*, the Committee shall first consider whether the request for Board review should be granted. In making that determination, the following factors shall be considered:

- (i) Whether there is a serious concern that the chancellor or the president has abused his/her discretion or exceeded his/her authority; or
- (ii) Whether the decision of the chancellor or the president could have systemwide implications.

(c) Where the review of a student governance matter is discretionary, the Committee shall prepare a recommendation as to whether the request for review should be granted, and shall transmit it to the full Board for action. If the Board determines that a request for review should be granted, the Committee may conduct the review. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. Unless the request for review is withdrawn, the Committee shall prepare a recommended decision, and shall transmit it to the full Board for final action.

CHAPTER IV

Amendments

Section 1. These Bylaws may be added to or amended at any meeting of the Board by an affirmative vote of a majority of the members of the Board provided, however, that proposed amendments shall be specifically set forth in the notice of such meeting.

Suspension of Bylaws

Section 2. The Bylaws or any of them may be suspended at any meeting by an affirmative vote of two-thirds of the total members of the Board and not otherwise.

CHAPTER V

SYSTEM ADMINISTRATION

President of the University of Wisconsin System

Section 1. The President of the University of Wisconsin System has full executive responsibility for the operation and management of the System. He or she shall carry out the duties prescribed in Wisconsin Statutes for this office, and such other duties as may be assigned by the Board or be implicit in policy actions of the Board. The President of the System shall see to the appropriate staffing of System administrative offices, and direct and coordinate the activities of these offices as needed to fulfill his or her responsibilities. All items to be brought before the Board of Regents for action, except matters which come to the Board pursuant to its administrative rules or existing policies and those initiating in the Board itself, should reach the Board through the President of the University of Wisconsin System and carry his or her recommendation. If an item arises at

or is related to an institution, the President shall ensure that it has first been through the established institution governance process and carries the Chancellor's recommendation; if it has not been through the institution governance process, the President shall request that it be so considered by the institution. On appeals of matters which have been through the institution governance process, the President shall verify that all institution procedures have been exhausted and will then determine whether, in the President's judgment, the Board of Regents should consider the matter. A decision by the President that the matter should not be considered by the Board can be appealed directly to the President of the Board. If the President of the Board determines that the matter should not be considered by the Board, any member of the Board may request that the matter be considered by the Board. A request that an item be considered by the Board which comes from other than the President or any member of the Board must be in writing. Persons making such requests shall be advised in writing of determinations by the President of the System and President of the Board regarding their requests. Failure by the President of the System or the President of the Board to act on a written request that an item be considered by the Board within sixty days of its receipt shall be deemed a denial of the request.

Vice Presidents

Section 2. The President shall, with the approval of the Board, establish such vice presidential offices as may be necessary to provide administrative direction and coordination for the several major functions of System administration as these are defined by the President and the Board. The President shall assign such responsibilities to each of the vice presidents as may best promote effective administration of the responsibilities of his

or her office, and shall, with the approval of the Board, title each vice presidential office in the way best suited to designate its major area of concern.

Staff Services to the Board of Regents

Section 3. The President shall, with the approval of the Board, designate a vice president as principal staff officer for each of the standing committees of the Board, or in the event of the unavailability of an appropriate vice president, an associate vice president or other major administrative officer to perform this function. The persons so designated shall provide to the committee such materials and papers as may be required for the agenda of the committee, and be prepared to respond to such other requests for information or interpretation as the committee or its members may require.

4/6/90

I-3
II-1
III-1

F. UW-WHITEWATER:

1. 1989 Drumlin Hall Asbestos Removal (8910-35)

All Work: \$ 89,768
Northstar Abatement Ltd.; Milwaukee

2. 1989 University Center Addition and Arey Hall Roof Replacement (8911-27)

All Work: \$ 119,100
Nieman Central WI Rfg.; Lyndon Station

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

A. UW-MADISON:

1983-85 Computer Science Building Addition (8308-12)

a. Change Order H-10: \$35,973

B. UW-MILWAUKEE:

1987-89 Lapham Hall Science Center Addition

a. Change Order G-3: \$483,168

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Hazardous Materials

~~A. The UW Madison Vice Chancellor for Administration has signed two applications for additional identification numbers from the Environmental Protection Agency for Madison campus generation and transportation of hazardous wastes. The Madison campus received its first such identification number shortly after the passage of the Resource Conservation and Recovery Act (RCRA) in 1980. As a result of a routine inspection on January 2, 1989, the Environmental Protection Agency (EPA) issued a notice of violation which alleged that the University had failed to obtain separate EPA identification numbers for essentially each geographic block of the main campus. Following meetings and discussions with the EPA, the Wisconsin Department of Natural Resources and the University, the EPA agreed to accept the University's position that the best interpretation of RCRA regulations would require one additional number for its activity as a generator of hazardous waste. After review of the applicable regulations, the University has concluded that a separate number is required for transportation of hazardous waste to its storage facilities; therefore, application has already been made for a transporter identification number. The EPA dismissed the notice of violation after the new applications were filed.~~

Hansen, Ann Carroll, Forest

~~B. Under authority granted by Board Resolution 518 (06/08/73), a Right-of-Way Easement to Bayfield Electric Cooperative, Inc. for service to the cabins acquired with the recent addition to the Ann Carroll Hanson Forest (Resol. 5249, 06/09/89) was executed by Regent President Paul R. Schilling and Board Secretary Judith A. Temby on March 6, 1990.~~

Hansen, Ann Carroll, Forest

Hansen, Ann Carroll, Forest

Ally's

~~C. A Contributor Agreement with G. Heileman Brewing Company, Inc. for the 1990 Crazylegs Five Mile Fun Run was signed between G. Heileman Brewing Company, Inc. and the University of Wisconsin-Madison. It provides for cash and in-kind contributions for the 1990 Crazylegs Five Mile Fun Run. This agreement is in the same format as that used for contributions to the annual event in previous years.~~

✓
Nampus,
Jen C

D. University of Wisconsin Press Agreements:

Judith Vollmer	LEVEL GREEN
Paul K. Conklin	CANE RIDGE: America's Pentecost
Mary McAllester Jones	GASTON BACHELARD: Subversive Humanist

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

Lessee: State of Wisconsin, Department of Administration
 University: University of Wisconsin - Madison
 Lessor: The Park Building
 Location: 2710 Marshall Court, Madison
 Size: Approximately 1,500 square feet
 Lease Term: April 1, 1990 to March 31, 1992
 Annual Rental: \$18,600.00
 Purpose: UWHC's Department of Rehabilitation Medicine
 Neuromuscular Disabilities Clinic

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

Lessee: Board of Regents of the University of Wisconsin System
 University: University of Wisconsin - Madison
 Lessor: Soo Line Railroad Company
 Location: Parking Lot at 115 N. Mills Street and
 Corner of Johnson and North Orchard Street
 Lease Term: August 1990 to August 1991
 Annual Rental: \$400.00